

	A	B	C	D	E	F	G	H	I	J	K	L
2	Engineer: James Urbon		Project #:		TLW #: 2305							
4	Date Submitted: 6/26/2007		Requested Completion Date: 7/6/2007									
6	Completion Date:											
7	Justification:											
9	Test Description: T&P test of Stainless Steel Barreled M/770 rifles.											
13	Test Procedure:											
14	- Any questions should be directed to James Urbon. If any clarification is required, please ask don't assume. - Record all test progress and data on a Daily Log Sheet and in this TLW. - Label rifles (All) - Label with the standard information; serial number, model number, TLW number, and Test ID number - Label the 300 Win Mag rifles with ID #'s A1, A2, etc. - Label the 30-06 rifles with ID #'s B1, B2, etc. - Label the 243 Win Youth rifles with ID #'s C1, C2, etc. - Initial Measurement and Inspection. (All) - Generally visually inspect the overall condition of all of the rifles. Note and photograph any anomalies. - Measure the trigger pull on all of the rifles using the Dvorak. - Perform a safety function test on all of the rifles. - Measure the depth of the front take down screw hole located in the barrel on all of the rifles. - For rifles A1 – A3, B1 – B3, and C1 – C3, Measure the chamber dimension via chamber cast. Measure the bore and groove dimensions using best method available. Measure twist rate using best method available. - Head Space / Proof / Head Space (All) - Measure and record headspace using chamber shoulder head space gauges. - Fire one standard proof cartridge per rifle in controlled environment via lanyard. - Measure and record headspace using chamber shoulder head space gauges following proof test. - Extended Proof (A7) - Fire 100 standard proof cartridges in rifle A7. - Measure and record the head space using chamber shoulder head space gauges after every round for the first 10 rounds, then after every 5 rounds until round level 50 and then after every 10 rounds until the end of the test. - Hi-Pressure: - Shoot 3 rds @ 60gr / 65gr & 1 @ 70gr > determine final load @ 120kpsi. >1 Aug 07 - Fire 1 @ 71.5gr (120kpsi) 2 Aug 07 fired round. Gun: 300WM / A9 - 71378962 - Video loc: Etownadc1/HighSpeedVideo/Thw2305											

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38													
39	Special Requirements:												
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42													
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44	Supplies Availability:												
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49	Results Required:			Formal Report									
50													
51	*****This section to be completed by Test Lab Manager*****												
52													
53	Assigned To:			Sims, Jonathan			Start Date:						
54													
55	Assigned Date:			6/28/2007			Completion Date:						
56													
57	Comments:												
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1	• Accuracy (A1-6, B1-6, C1-6) ○ Clean and inspect each rifle prior to testing. ○ Shoot at a minimum five shoot to sight in and foul the rifle. Fire additional shots if required to sight in the rifle. Record the exact number of rounds fired. ○ Fire 3 five shot groups for each rifle at 100 yards. ○ Keep track of and mark the placement of each shot in each group. Number the shots in each group 1 – 5 in the order in which they were fired. ○ Measure and record the three shot group size in each group using shots 1 – 3. ○ Measure and record the five shot group size in each group using all five shots fired. ○ All groups are to be measured center to center. ○ Clean and inspect each rifle after completion of testing. • Endurance (A1-6, B1-6, C1-6) ○ In each series, the guns are to be fired to the following round levels. ▪ Guns 1 & 2 to 2000 RL. ▪ Guns 3 & 4 to 1000 RL. ▪ Guns 5 & 6 to 500 RL. ○ All guns are to be cooled to the touch every 20 rounds via shop air. ○ All guns are to be cleaned and inspected every 500 rounds. • Metallurgical Evaluation ○ A sample of the endurance guns will be disassembled and have there barrels sectioned and mounted to check for possible barrel cracking and locking lug hardness. • Environmental Testing (A8, B8) ○ Perform standard Hot test. ○ Perform standard Cold test. ○ Perform standard Thermal Cycle test. • Dry Cycle (B7) ○ Dry cycle gun 10,000 cycles. ○ Lubricate gun every 500 cycles. ○ Photograph any wear every 1000 cycles. • High Pressure Abuse (A9) ○ Perform standard high pressure abuse test. ▪ See S. Franz / J. Urbon for details.								
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2		Engineer:	James Urbon		Project #:	241230		TLW #:	2359		
3											
4		Date Submitted:	8/29/2007		Requested Completion Date:	9/21/2007					
5											
6											
7		Test Description:	T&P follow up testing on 270 Win and 7mm Rem Mag M/770 Stainless Steel Rifles.								
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9											
10											
11		Test Procedure:	- Any questions should be directed to James Urbon. If any clarification is required, please ask don't assume. - Record all test progress and data on a Daily Log Sheet and in this TLW. - Label rifles (All) - Label with the standard information; serial number, model number, TLW number, and Test ID number - Label the 7mm Rem Mag rifles with ID #'s D1, D2, etc. - Label the 270 Win. rifles with ID #'s E1, E2, etc. - Initial Measurement and Inspection. (All) - Generally visually inspect the overall condition of all of the rifles. Note and photograph any anomalies. - Measure the trigger pull on all of the rifles using the Spring Scale. - Perform a safety function test on all of the rifles. - Head Space / Proof / Head Space (All) - Measure and record headspace using chamber shoulder head space gauges. - Fire one standard proof cartridge per rifle in controlled environment via lanyard. - Measure and record headspace using chamber shoulder head space gauges following proof test. - Accuracy (D1-5, E1-5) - Clean and inspect each rifle prior to testing. - Shoot at a minimum five shot to sight in and foul the rifle. Fire additional shots if required to sight in the rifle. Record the exact number of rounds fired. - Fire 3 five shot groups for each rifle at 100 yards. - Keep track of and mark the placement of each shot in each group. Number the shots in each group 1 – 5 in the order in which they were fired. - Measure and record the three shot group size in each group using shots 1 – 3. - Measure and record the five shot group size in each group using all five shots fired. - All groups are to be measured center to center. - Clean and inspect each rifle after completion of testing.								
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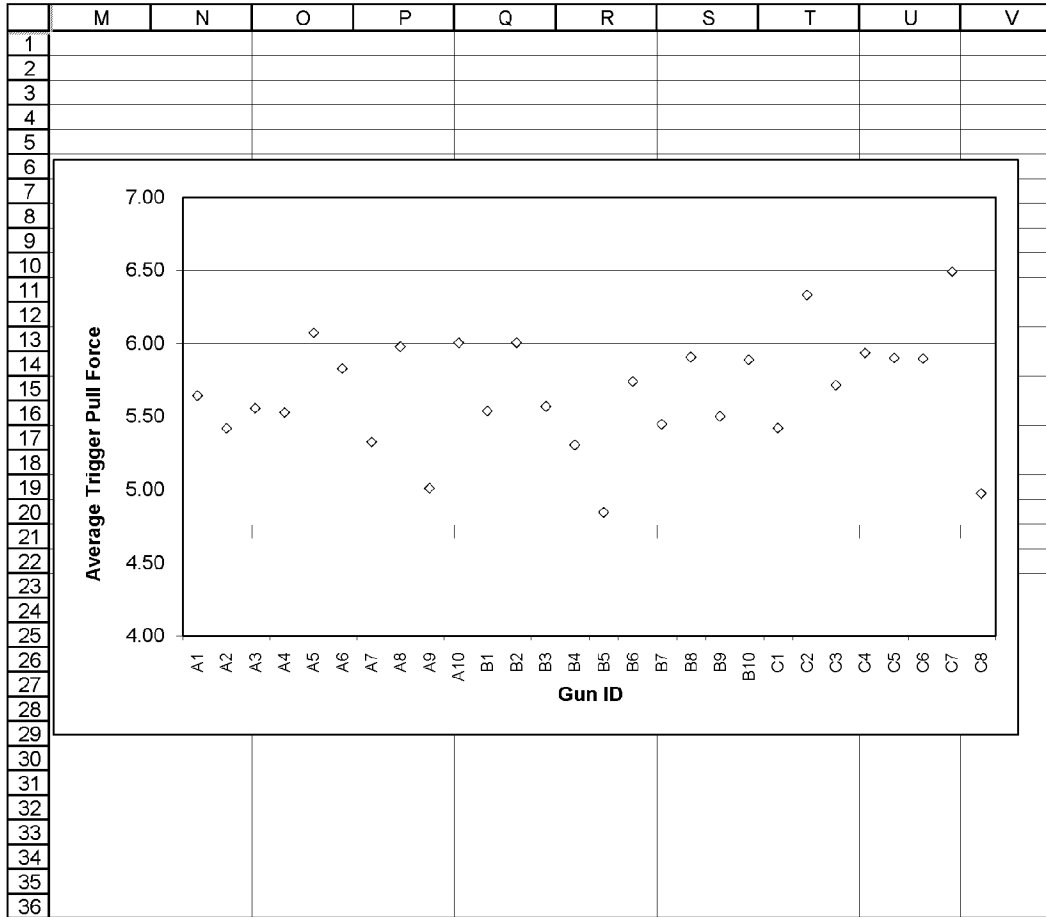
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37	Special Requirements:										
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42	Supplies Availability:										
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47	Results Required:			Formal Report							
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49	*****This section to be completed by Test Lab Manager*****										
50											
51	Assigned To:			Lee, Bob			Start Date:			9/4/2007	
52											
53	Assigned Date:			8/30/2007			Completion Date:			9/10/2007	
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55	Comments:										
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1	- Endurance (D1-5, E1-5) - In each series, the guns are to be fired to the following round levels. - Gun 1 to 1000 RL. - Gun 2 to 500 RL. - Guns 3, 4, & 5 to 100 RL. - All guns are to be cooled to the touch every 20 rounds via shop air. - All guns are to be cleaned and inspected every 500 rounds. - Metallurgical Evaluation - A sample of the endurance guns will be disassembled and have there barrels sectioned and mounted to check for possible barrel cracking and locking lug hardness.								
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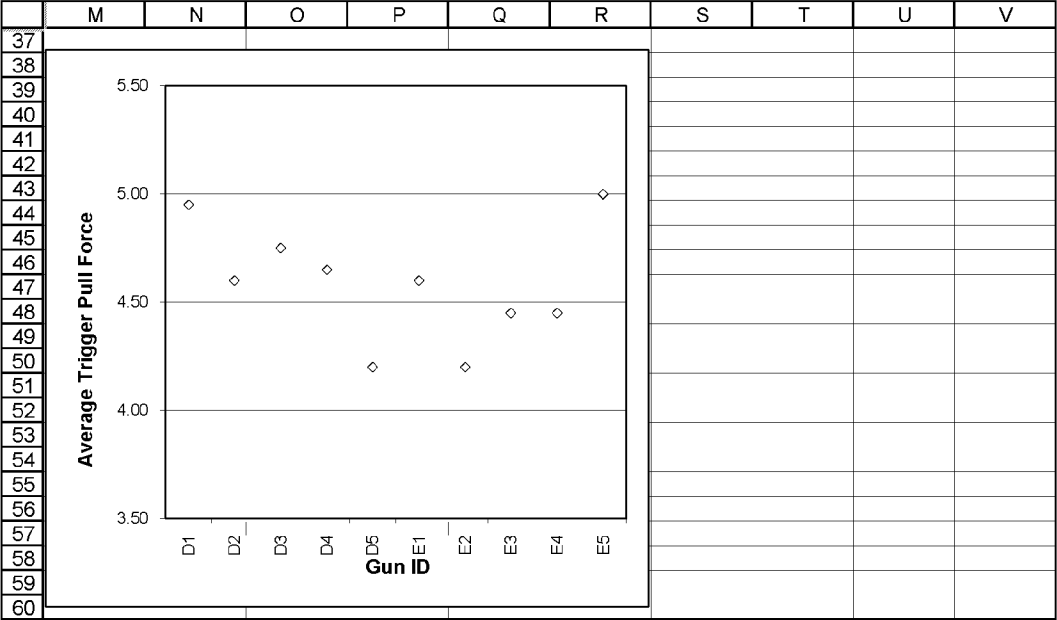
	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW							
5	Model 770 Stainless Steel Trial and Pilot Testing Summary																																																					
6																TLW 2305																	TLW 2359																					
7	Caliber					300 Win Mag										30-06										243 Youth										7mm Rem Mag					270 Win													
	Serial #					71378664	71378765	71378946	71378961	71378967	71378751	71378790	71378795	71378962	71378963	71378563	71378643	71378645	71378789	71378951	71378741	71378763	71378768	71378856	71378960	71378661	71378750	71378778	71378875	71378965	71378780	71378796	71378878	71380501	71384667	71384729	71385284	71385225	71390508	71384790	71384941	71385409	71386441											
8																																																						
9	Test Discription \ Gun ID #					A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	C1	C2	C3	C4	C5	C6	C7	C8	D1	D2	D3	D4	D5	E1	E2	E3	E4	E5											
10	Visual Inspection					O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
11	Trigger Pull					O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
12	Safety Function					O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
13	Front take down screw hole depth					O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
14	Chamber and Bore Dimensions					O	O	O								O	O	O								O	O	O																										
15	HS - Proof - HS					O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
16	Extended Proof					O	O	O	O	O		O	O	O	O		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	⊗	O		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
17	Accuracy					O	O	O	O	O	O					O	O	O	O	O	O	O					O	O	O	O	O	O																						
18	Endurance to 100 RL					O	O	O	O	O	O					O	O	O	O	O	O	O				O	O	O	O	O	O	O				O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
19	Endurance to 500 RL					O	O	O	O	O	O					O	O	O	O	O	O	O				O	O	O	O	O	O	O				O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
20	Endurance to 1000 RL					O	O	O	O	O	O					O	O	O	O	O	O	O				O	O	O	O	O	O	O							O	O	O	O	O	O	O	O	O	O	O	O	O	O		
21	Endurance to 2000 RL					O	O									O	O									O	O																											
22	Hot Function																						O																															
23	Cold Function																						O																															
24	Thermal Cycle																						⊗																															
25	Metallurgical Evaluation of Barrel					O										O										O										O																		
26	Dry Cycle																					O																																
27	High Pressure Abuse																																																					
28	Final Round Level					2021	2021	1021	1021	521	521	101	1	1 +	1	2021	2021	1021	1021	521	521	1 +	201	1	1	2021	2021	1021	1021	521	521	0	201	1001	501	120	120	121	1001	501	119	122	122											
29	LEGEND					O	= Planned					O	= In-Progress					O	= Completed & Passed					O	= Completed Failed					⊗	= Cancelled					= Not Planned																		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2														
3		Gun ID	Serial #	Cal	Visual Inspection	Safety Fcn Check	Hole Depth							
4		A1	71378664	300 Win Mag	OK	OK	0.136							
5		A2	71378765	300 Win Mag	OK	OK	0.138							
6		A3	71378946	300 Win Mag	OK	OK	0.137							
7		A4	71378961	300 Win Mag	OK	OK	0.139							
8		A5	71378967	300 Win Mag	OK	OK	0.138							
9		A6	71378751	300 Win Mag	OK	OK	0.135							
10		A7	71378790	300 Win Mag	OK	OK	0.14							
11		A8	71378795	300 Win Mag	OK	OK	0.142							
12		A9	71378962	300 Win Mag	OK	OK	0.139							
13		A10	71378963	300 Win Mag	OK	OK	0.14							
14		B1	71378563	30-06	OK	OK	0.222							
15		B2	71378643	30-06	OK	OK	0.222							
16		B3	71378645	30-06	OK	OK	0.22							
17		B4	71378789	30-06	OK	OK	0.223							
18		B5	71378951	30-06	OK	OK	0.22							
19		B6	71378741	30-06	OK	OK	0.221							
20		B7	71378763	30-06	OK	OK	0.227							
21		B8	71378768	30-06	OK	OK	0.224							
22		B9	71378856	30-06	OK	OK	0.224							
23		B10	71378960	30-06	Bolt diff to close	OK	0.219							
24		C1	71378661	243 Youth	OK	OK	0.22							
25		C2	71378750	243 Youth	OK	OK	0.217							
26		C3	71378778	243 Youth	OK	OK	0.217							
27		C4	71378875	243 Youth	OK	OK	0.222							
28		C5	71378965	243 Youth	OK	OK	0.219							
29		C6	71378780	243 Youth	OK	OK	0.216							
30		C7	71378796	243 Youth	Old Vint FP Head	OK	0.213							
31		C8	71378878	243 Youth	OK	OK	0.219							
32														
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39		Gun ID	Serial #	Cal	Visual Inspection	Safety Fcn Check								
40		D1	71380501	7mm Rem Mag	GOOD	GOOD								
41		D2	71384667	7mm Rem Mag	GOOD	GOOD								
42		D3	71384729	7mm Rem Mag	GOOD	GOOD								
43		D4	71385284	7mm Rem Mag	GOOD	GOOD								
44		D5	71385225	7mm Rem Mag	GOOD	GOOD								
45		E1	71390508	270 Win	GOOD	GOOD								
46		E2	71384790	270 Win	GOOD	GOOD								
47		E3	71384941	270 Win	GOOD	GOOD								
48		E4	71385409	270 Win	GOOD	GOOD								
49		E5	71386441	270 Win	GOOD	GOOD								

	A	B	C	D	E	F	G	H	I	J	K	L
1												
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4					Trigger Pull							
5				Gun ID	#1	#2	#3	#4	#5	Avg		
6				A1	5.509	5.837	5.588	5.569	5.719	5.64		
7				A2	5.248	5.706	4.986	5.607	5.552	5.42		
8				A3	4.909	5.123	6.217	5.756	5.777	5.56		
9				A4	5.709	5.58	5.494	5.443	5.415	5.53		
10				A5	6.15	6.059	6.075	6.029	6.047	6.07		
11				A6	5.917	5.964	5.872	5.712	5.676	5.83		
12				A7	5.393	5.463	5.262	5.308	5.202	5.33		
13				A8	5.842	5.842	6.736	5.75	5.724	5.98		
14				A9	5.064	4.911	4.824	5.042	5.204	5.01		
15				A10	6.147	6.25	6.05	5.853	5.72	6.00		
16				B1	5.542	5.749	5.501	5.466	5.43	5.54		
17				B2	6.091	6.142	6.02	5.945	5.836	6.01		
18				B3	5.447	5.712	5.627	5.444	5.618	5.57		
19				B4	5.435	5.272	5.21	5.333	5.281	5.31		
20				B5	4.8	4.798	5.02	4.628	4.977	4.84		
21				B6	5.86	5.829	5.936	5.637	5.447	5.74		
22				B7	5.528	5.604	5.484	5.28	5.348	5.45		
23				B8	5.977	6.161	5.929	5.958	5.508	5.91		
24				B9	5.612	5.501	5.48	5.52	5.39	5.50		
25				B10	5.972	5.761	6.269	5.672	5.772	5.89		
26				C1	5.164	5.729	5.642	5.122	5.462	5.42		
27				C2	6.322	6.505	6.345	6.226	6.272	6.33		
28				C3	5.869	5.678	5.658	5.542	5.836	5.72		
29				C4	6.067	5.997	5.939	5.912	5.767	5.94		
30				C5	5.974	5.95	5.926	5.784	5.88	5.90		
31				C6	5.92	5.623	5.855	5.685	6.398	5.90		
32				C7	6.791	6.315	6.279	6.583	6.49	6.49		
33				C8	5.007	4.893	5.031	4.909	5.04	4.98		
34										5.67	Average	
35										0.39		
36												



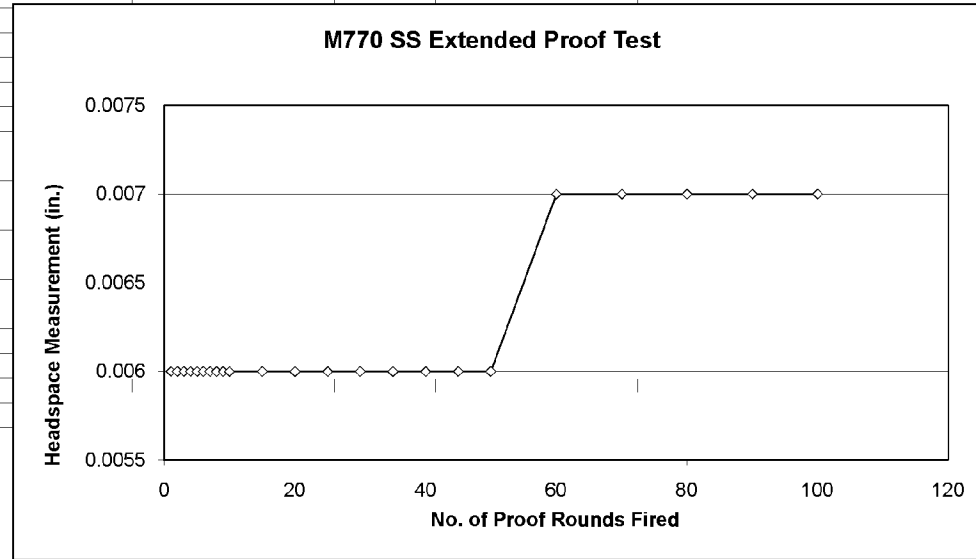
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37				D1	5	5	5	4.75	5	4.95		
38				D2	4.5	4.5	4.75	4.5	4.75	4.60		
39				D3	4.76	4.75	4.5	5	4.75	4.75		
40				D4	4.5	4.75	4.75	4.75	4.5	4.65		
41				D5	4	4.25	4	4.5	4.25	4.20		
42				E1	4.75	4.75	4.5	4.5	4.5	4.60		
43				E2	4.25	4.25	4.25	4.25	4	4.20		
44				E3	4.25	4.5	4.25	4.5	4.75	4.45		
45				E4	4	4.75	4.25	4.5	4.75	4.45		
46				E5	5	5	5	5	5	5.00		
47										4.54	Average	
48										0.27		
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9			Chamber Castings					
10			Note: + Guages were utilized to measure the bore dia.					
11								
12						A-1	A-2	A-3
13			A			0.4932	0.4922	0.493
14			B			0.5157	0.5164	0.5148
15			C			0.5459	0.5451	0.5459
16			D			0.3442	0.3438	0.3436
17			E			0.3432	0.3428	0.3428
18			F			0.3172	0.3175	0.3139
19			G			0.3093	0.3095	0.3102
20			H			0.3	0.3	0.3
21			Twist Rate			1:10"	1:10"	1:10"
22								
23								
24								
25								
26						B-1	B-2	B-3
27						0.4456	0.4453	0.4453
28						0.4725	0.474	0.4704
29						0.3432	0.3428	0.3431
30						0.3107	0.3105	0.3108
31						0.3074	0.3097	0.31
32						0.3	0.3	0.3
33								
34								
35						1:10"	1:10"	1:10"
36								
37								
38								
39								
40						C-1	C-2	C-3
41						0.457	0.4571	0.4577
42						0.4638	0.472	0.4736
43						0.2789	0.2783	0.2794
44						0.2413	0.2447	0.2444
45						0.2435	0.244	0.2433
46						0.237	0.237	0.237
47								
48								
49						1:9"	1:9"	1:9"

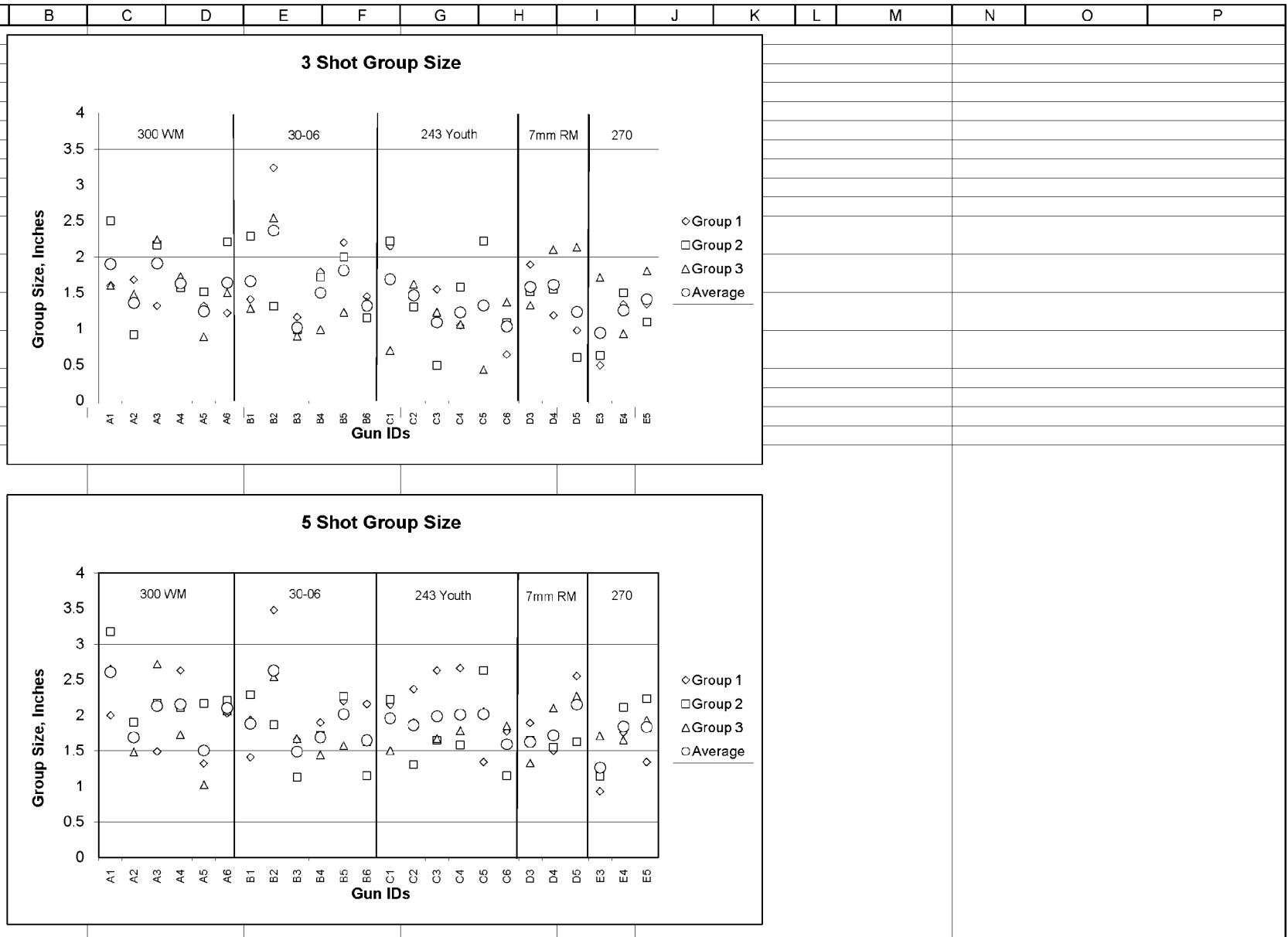
	A	B	C	D	E	F	G
1							
2							
3		Gun ID	Cal	Head Space before Proof	Head Space after Proof	Head Space Growth	Condition of Proof Case
4		A1	300 Win Mag	0.005	0.005	0.000	O.K.
5		A2	300 Win Mag	0.005	0.006	0.001	O.K.
6		A3	300 Win Mag	0.005	0.006	0.001	O.K.
7		A4	300 Win Mag	0.005	0.006	0.001	O.K.
8		A5	300 Win Mag	0.005	0.005	0.000	O.K.
9		A6	300 Win Mag	0.005	0.005	0.000	O.K.
10		A7	300 Win Mag	0.005	0.006	0.001	O.K.
11		A8	300 Win Mag	0.006	0.006	0.000	O.K.
12		A9	300 Win Mag	0.005	0.005	0.000	O.K.
13		A10	300 Win Mag	0.005	0.006	0.001	O.K.
14		B1	30-06	0.003	0.004	0.001	O.K.
15		B2	30-06	0.003	0.003	0.000	O.K.
16		B3	30-06	0.003	0.004	0.001	O.K.
17		B4	30-06	0.004	0.004	0.000	O.K.
18		B5	30-06	0.004	0.004	0.000	O.K.
19		B6	30-06	0.002	0.002	0.000	O.K.
20		B7	30-06	0.002	0.002	0.000	O.K.
21		B8	30-06	0.002	0.002	0.000	O.K.
22		B9	30-06	0.002	0.002	0.000	O.K.
23		B10	30-06	Min.	0.002	0.002	O.K.
24		C1	243 Youth	0.003	0.003	0.000	O.K.
25		C2	243 Youth	0.003	0.003	0.000	O.K.
26		C3	243 Youth	0.003	0.003	0.000	O.K.
27		C4	243 Youth	0.003	0.003	0.000	O.K.
28		C5	243 Youth	0.003	0.003	0.000	O.K.
29		C6	243 Youth	0.004	0.004	0.000	O.K.
30		C7	243 Youth	Out of test	Out of test	Out of test	Out of test
31		C8	243 Youth	0.003	0.003	0.000	O.K.
32		D1	7mm Rem Mag	0.002	0.002	0.000	O.K.
33		D2	7mm Rem Mag	0.002	0.003	0.001	O.K.
34		D3	7mm Rem Mag	0.003	0.004	0.001	O.K.
35		D4	7mm Rem Mag	0.002	0.002	0.000	O.K.
36		D5	7mm Rem Mag	0.002	0.003	0.001	O.K.
37		E1	270 Win	0.002	0.002	0.000	O.K.
38		E2	270 Win	0.001	0.002	0.001	O.K.
39		E3	270 Win	0.003	0.003	0.000	O.K.
40		E4	270 Win	0.002	0.004	0.002	O.K.
41		E5	270 Win	0.003	0.003	0.000	O.K.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
1																		
2																		
3																		
4			Extended Proof															
5																		
6			Gun I.D.	A-7(.300Win.Mag.)														
7																		
8			1	0.006														
9			2	0.006														
10			3	0.006														
11			4	0.006														
12			5	0.006														
13			6	0.006														
14			7	0.006														
15			8	0.006														
16			9	0.006														
17			10	0.006														
18			15	0.006														
19			20	0.006														
20			25	0.006														
21			30	0.006														
22			35	0.006														
23			40	0.006														
24			45	0.006														
25			50	0.006														
26			60	0.007														
27			70	0.007														
28			80	0.007														
29			90	0.007														
30			100	0.007														
31																		
32																		
33																		
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1		TLW 2305														
2		Guns A1-6, B1-6, C1-6														
3		Shooter: J. Sims														
4		Ammo type. R300W2, R30065, R243W3														
5		Note: Accuracy was shot at 100yds. From bench, utilizing standard 3 X 9 Bushnell scope provided with firearm.														
6		Data recorded with Oehler Accustic target														
7		*A1 was not recorded with Oehler, measured grps. From paper target.														
8		C1 group 1 was a four shot group.														
9																
10		TLW 2359														
11		Guns D3-5, E3-5														
12		Shooter: PKR														
13		Ammo type. 270 Win 130 PSP CL R270W2 C20-VAI														
14		7mm Rem Mag 150 PSP CL R7mmm2 C13-VB1														
15		Note: Accuracy was shot at 100yds. From bench, utilizing standard 3 X 9 Bushnell scope provided with firearm.														
16		Groups were measured directly from paper targets.														
17																
18		3 shot groups				5 shot groups										
19		Group 1	Group 2	Group 3	Average	Group 1	Group 2	Group 3	Average							
20		A1	1.6	2.5	1.6	1.90	2	3.175	2.65	2.61	Overall Average group size					
21		A2	1.68	0.92	1.48	1.36	1.68	1.9	1.48	1.69						
22		A3	1.32	2.17	2.24	1.91	1.49	2.17	2.72	2.13						
23		A4	1.6	1.57	1.73	1.63	2.63	2.11	1.73	2.16	Series		A		B	
24		A5	1.32	1.52	0.89	1.24	1.32	2.17	1.02	1.50	Caliber		300 Win Mag		30-06 Sprg	
25		A6	1.22	2.21	1.5	1.64	2.03	2.21	2.06	2.10						
26		B1	1.41	2.29	1.28	1.66	1.41	2.29	1.94	1.88	E town					
27		B2	3.24	1.32	2.54	2.37	3.48	1.87	2.54	2.63	3 shot	Avg		1.62		1.61
28		B3	1.16	0.99	0.9	1.02	1.66	1.13	1.67	1.49		Std Dev		0.44		0.63
29		B4	1.79	1.72	0.99	1.50	1.9	1.72	1.44	1.69	5 shot	Avg		2.03		1.89
30		B5	2.2	2	1.23	1.81	2.2	2.27	1.57	2.01		Std Dev		0.54		0.56
31		B6	1.45	1.15	1.37	1.32	2.16	1.15	1.63	1.65						
32		C1	2.15	2.22	0.7	1.69	2.15	2.22	1.5	1.96	# of guns fired			6		6
33		C2	1.47	1.31	1.62	1.47	2.37	1.31	1.9	1.86						
34		C3	1.55	0.49	1.23	1.09	2.63	1.65	1.67	1.98						
35		C4	1.05	1.58	1.06	1.23	2.66	1.58	1.78	2.01						
36		C5	1.34	2.22	0.43	1.33	1.34	2.63	2.06	2.01						
37		C6	0.64	1.09	1.37	1.03	1.77	1.15	1.85	1.59						
38		D3	1.89	1.52	1.33	1.58	1.89	1.65	1.33	1.62						
39		D4	1.19	1.55	2.1	1.61	1.5	1.55	2.1	1.72						
40		D5	0.98	0.6	2.13	1.24	2.55	1.63	2.27	2.15						
41		E3	0.49	0.63	1.71	0.94	0.93	1.14	1.71	1.26						
42		E4	1.34	1.5	0.93	1.26	1.76	2.11	1.65	1.84						
43		E5	1.34	1.1	1.8	1.41	1.34	2.23	1.93	1.83						
44																
45																

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18				
19				
20				
21				
22	C	D	E	All
23	243 Win Youth	7mm Rem Mag	270 Win	
24				
25				
26	1.31	1.48	1.20	1.47
27	0.55	0.51	0.46	0.54
28	1.90	1.83	1.64	1.89
29	0.47	0.40	0.44	0.50
30				
31	6	3	3	
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	A	B	C	D	E	F	G	H	I	J
1		GUN PERFORMANCE								
2		CALIBER	LOG DATE	STAMP#	SERIAL#	GROUP SIZE	ROUNDS	DISTANCE	STATUS	
3	1	M770 SS 300 WIN MAG	06/20/07	70	71378558	1.6250	3	100	PASS	
4	2	M770 SS 300 WIN MAG	06/21/07	66	71378562	1.7500	3	100	PASS	
5	3	M770 SS 300 WIN MAG	06/20/07	70	71378567	1.7500	3	100	PASS	
6	4	M770 SS 300 WIN MAG	06/21/07	66	71378568	1.2500	3	100	PASS	
7	5	M770 SS 300 WIN MAG	06/20/07	70	71378570	1.1250	3	100	PASS	
8	6	M770 SS 300 WIN MAG	06/21/07	12	71378571	1.2500	3	100	PASS	
9	7	M770 SS 300 WIN MAG	06/21/07	66	71378573	1.2500	3	100	PASS	
10	8	M770 SS 300 WIN MAG	06/21/07	66	71378641	0.8750	3	100	PASS	
11	9	M770 SS 300 WIN MAG	06/21/07	66	71378642	1.5000	3	100	PASS	
12	10	M770 SS 300 WIN MAG	06/20/07	70	71378644	1.7500	3	100	PASS	
13	11	M770 SS 300 WIN MAG	06/21/07	12	71378646	1.3750	3	100	PASS	
14	12	M770 SS 300 WIN MAG	06/20/07	70	71378649	1.2500	3	100	PASS	
15	13	M770 SS 300 WIN MAG	06/21/07	66	71378650	1.0000	3	100	PASS	
16	14	M770 SS 300 WIN MAG	06/21/07	12	71378651	2.2500	3	100	PASS	
17	15	M770 SS 300 WIN MAG	06/20/07	70	71378659	1.2500	3	100	PASS	
18	16	M770 SS 300 WIN MAG	06/20/07	70	71378664	1.6250	3	100	PASS	
19	17	M770 SS 300 WIN MAG	06/20/07	70	71378665	1.7500	3	100	PASS	
20	18	M770 SS 300 WIN MAG	06/20/07	70	71378666	1.6250	3	100	PASS	
21	19	M770 SS 300 WIN MAG	06/20/07	70	71378667	1.7500	3	100	PASS	
22	20	M770 SS 300 WIN MAG	06/21/07	66	71378669	1.5000	3	100	PASS	
23	21	M770 SS 300 WIN MAG	06/21/07	66	71378730	1.0000	3	100	PASS	
24	22	M770 SS 300 WIN MAG	06/21/07	66	71378731	1.6250	3	100	PASS	
25	23	M770 SS 300 WIN MAG	06/21/07	66	71378733	1.2500	3	100	PASS	
26	24	M770 SS 300 WIN MAG	06/21/07	66	71378734	1.6250	3	100	PASS	
27	25	M770 SS 300 WIN MAG	06/20/07	70	71378736	1.7500	3	100	PASS	
28	26	M770 SS 300 WIN MAG	06/21/07	66	71378738	1.0000	3	100	PASS	
29	27	M770 SS 300 WIN MAG	06/21/07	66	71378739	0.7500	3	100	PASS	
30	28	M770 SS 300 WIN MAG	06/21/07	66	71378740	1.1250	3	100	PASS	
31	29	M770 SS 300 WIN MAG	06/21/07	66	71378745	1.2500	3	100	PASS	
32	30	M770 SS 300 WIN MAG	06/21/07	66	71378749	1.3750	3	100	PASS	
33	31	M770 SS 300 WIN MAG	06/21/07	66	71378751	1.3750	3	100	PASS	
34	32	M770 SS 300 WIN MAG	06/21/07	66	71378752	1.7500	3	100	PASS	
35	33	M770 SS 300 WIN MAG	06/21/07	12	71378756	1.0000	3	100	PASS	
36	34	M770 SS 300 WIN MAG	06/20/07	70	71378757	1.3750	3	100	PASS	
37	35	M770 SS 300 WIN MAG	06/21/07	66	71378758	1.1250	3	100	PASS	
38	36	M770 SS 300 WIN MAG	06/20/07	70	71378759	1.7500	3	100	PASS	
39	37	M770 SS 300 WIN MAG	06/21/07	66	71378761	1.3750	3	100	PASS	
40	38	M770 SS 300 WIN MAG	06/20/07	70	71378762	1.3750	3	100	PASS	
41	39	M770 SS 300 WIN MAG	06/20/07	70	71378765	1.2500	3	100	PASS	
42	40	M770 SS 300 WIN MAG	06/21/07	12	71378767	1.7500	3	100	PASS	
43	41	M770 SS 300 WIN MAG	06/20/07	70	71378769	1.1250	3	100	PASS	
44	42	M770 SS 300 WIN MAG	06/21/07	12	71378772	1.6250	3	100	PASS	
45	43	M770 SS 300 WIN MAG	06/20/07	70	71378774	0.8125	3	100	PASS	
46	44	M770 SS 300 WIN MAG	06/21/07	66	71378775	1.5000	3	100	PASS	
47	45	M770 SS 300 WIN MAG	06/20/07	70	71378776	1.1250	3	100	PASS	
48	46	M770 SS 300 WIN MAG	06/20/07	70	71378779	0.8750	3	100	PASS	

	A	B	C	D	E	F	G	H	I	J
1		GUN PERFORMANCE								
2		CALIBER	LOG DATE	STAMP#	SERIAL#	GROUP SIZE	ROUNDS	DISTANCE	STATUS	
49	47	M770 SS 300 WIN MAG	06/20/07	70	71378781	1.6250	3	100	PASS	
50	48	M770 SS 300 WIN MAG	06/20/07	70	71378782	0.7500	3	100	PASS	
51	49	M770 SS 300 WIN MAG	06/21/07	66	71378783	1.7500	3	100	PASS	
52	50	M770 SS 300 WIN MAG	06/20/07	70	71378785	1.3750	3	100	PASS	
53	51	M770 SS 300 WIN MAG	06/21/07	66	71378786	1.3750	3	100	PASS	
54	52	M770 SS 300 WIN MAG	06/20/07	70	71378790	0.8750	3	100	PASS	
55	53	M770 SS 300 WIN MAG	06/21/07	66	71378791	0.7500	3	100	PASS	
56	54	M770 SS 300 WIN MAG	06/21/07	12	71378792	1.1250	3	100	PASS	
57	55	M770 SS 300 WIN MAG	06/21/07	66	71378794	1.1250	3	100	PASS	
58	56	M770 SS 300 WIN MAG	06/21/07	12	71378795	1.2500	3	100	PASS	
59	57	M770 SS 300 WIN MAG	06/21/07	66	71378797	1.0000	3	100	PASS	
60	58	M770 SS 300 WIN MAG	06/20/07	70	71378798	0.8750	3	100	PASS	
61	59	M770 SS 300 WIN MAG	06/20/07	70	71378799	1.2500	3	100	PASS	
62	60	M770 SS 300 WIN MAG	06/20/07	70	71378803	1.3750	3	100	PASS	
63	61	M770 SS 300 WIN MAG	06/20/07	70	71378804	1.0000	3	100	PASS	
64	62	M770 SS 300 WIN MAG	06/20/07	70	71378805	0.9375	3	100	PASS	
65	63	M770 SS 300 WIN MAG	06/21/07	66	71378807	1.2500	3	100	PASS	
66	64	M770 SS 300 WIN MAG	06/21/07	12	71378808	1.7500	3	100	PASS	
67	65	M770 SS 300 WIN MAG	06/20/07	70	71378809	1.5000	3	100	PASS	
68	66	M770 SS 300 WIN MAG	06/21/07	66	71378810	1.3750	3	100	PASS	
69	67	M770 SS 300 WIN MAG	06/20/07	70	71378811	1.2500	3	100	PASS	
70	68	M770 SS 300 WIN MAG	06/21/07	12	71378813	1.3750	3	100	PASS	
71	69	M770 SS 300 WIN MAG	06/20/07	70	71378815	1.6250	3	100	PASS	
72	70	M770 SS 300 WIN MAG	06/20/07	70	71378816	1.5000	3	100	PASS	
73	71	M770 SS 300 WIN MAG	06/21/07	12	71378817	1.6250	3	100	PASS	
74	72	M770 SS 300 WIN MAG	06/20/07	70	71378851	1.6250	3	100	PASS	
75	73	M770 SS 300 WIN MAG	06/21/07	66	71378852	1.3750	3	100	PASS	
76	74	M770 SS 300 WIN MAG	06/21/07	12	71378853	1.2500	3	100	PASS	
77	75	M770 SS 300 WIN MAG	06/21/07	66	71378854	1.2500	3	100	PASS	
78	76	M770 SS 300 WIN MAG	06/20/07	70	71378857	1.0000	3	100	PASS	
79	77	M770 SS 300 WIN MAG	06/20/07	70	71378858	1.6250	3	100	PASS	
80	78	M770 SS 300 WIN MAG	06/21/07	66	71378863	1.8750	3	100	PASS	
81	79	M770 SS 300 WIN MAG	06/21/07	12	71378864	2.0000	3	100	PASS	
82	80	M770 SS 300 WIN MAG	06/21/07	66	71378865	1.7500	3	100	PASS	
83	81	M770 SS 300 WIN MAG	06/20/07	70	71378867	1.3750	3	100	PASS	
84	82	M770 SS 300 WIN MAG	06/21/07	12	71378869	2.2500	3	100	PASS	
85	83	M770 SS 300 WIN MAG	06/20/07	70	71378871	1.7500	3	100	PASS	
86	84	M770 SS 300 WIN MAG	06/21/07	66	71378940	1.7500	3	100	PASS	
87	85	M770 SS 300 WIN MAG	06/20/07	70	71378941	1.3750	3	100	PASS	
88	86	M770 SS 300 WIN MAG	06/20/07	70	71378944	1.6250	3	100	PASS	
89	87	M770 SS 300 WIN MAG	06/21/07	66	71378945	1.7500	3	100	PASS	
90	88	M770 SS 300 WIN MAG	06/20/07	70	71378946	1.5000	3	100	PASS	
91	89	M770 SS 300 WIN MAG	06/20/07	70	71378946	1.2500	3	100	PASS	
92		M770 SS 300 WIN MAG	06/20/07	70	71378946	1.5000	3	100	PASS	
93		M770 SS 300 WIN MAG	06/20/07	70	71378946	1.2500	3	100	PASS	
94	90	M770 SS 300 WIN MAG	06/21/07	66	71378947	1.5000	3	100	PASS	

	A	B	C	D	E	F	G	H	I	J
1		GUN PERFORMANCE								
2		CALIBER	LOG DATE	STAMP#	SERIAL#	GROUP SIZE	ROUNDS	DISTANCE	STATUS	
95	91	M770 SS 300 WIN MAG	06/20/07	70	71378948	1.2500	3	100	PASS	
96	92	M770 SS 300 WIN MAG	06/20/07	70	71378955	1.5000	3	100	PASS	
97	93	M770 SS 300 WIN MAG	06/20/07	70	71378961	1.5000	3	100	PASS	
98	94	M770 SS 300 WIN MAG	06/21/07	66	71378962	1.3750	3	100	PASS	
99	95	M770 SS 300 WIN MAG	06/21/07	12	71378963	1.5000	3	100	PASS	
100	96	M770 SS 300 WIN MAG	06/21/07	66	71378964	1.2500	3	100	PASS	
101	97	M770 SS 300 WIN MAG	06/20/07	70	71378966	1.3750	3	100	PASS	
102	98	M770 SS 300 WIN MAG	06/20/07	70	71378967	1.1250	3	100	PASS	
103	99	M770 SS 300 WIN MAG	06/20/07	70	71378969	1.5000	3	100	PASS	
104										
105					AVERAGE:	1.3964				
106					Std Dev:	0.3106				
107		1/1/07 TO 6/17/07CARBON STEEL BARREL AVERAGE:				1.7085	BETTER/WORSE:		0.3121	
108										
109										
110	1	M770 SS 243 WIN YOUTH	06/20/07	70	71378661	1.3750	3	100	PASS	
111	2	M770 SS 243 WIN YOUTH	06/20/07	70	71378878	1.0000	3	100	PASS	
112	3	M770 SS 243 WIN YOUTH	06/20/07	70	71378965	1.3750	3	100	PASS	
113	4	M770 SS 243 WIN YOUTH	06/20/07	70	71378875	1.1250	3	100	PASS	
114	5	M770 SS 243 WIN YOUTH	06/20/07	70	71378750	0.7500	3	100	PASS	
115	6	M770 SS 243 WIN YOUTH	06/20/07	66	71378780	0.8125	3	100	PASS	
116	7	M770 SS 243 WIN YOUTH	06/20/07	66	71378778	0.9375	3	100	PASS	
117	8	M770 SS 243 WIN YOUTH	06/20/07	66	71378796	0.8750	3	100	PASS	
118										
119					AVERAGE:	1.0313				
120					Std Dev:	0.2409				
121		1/1/07 TO 6/17/07CARBON STEEL BARREL AVERAGE:				1.1934	BETTER/WORSE:		0.1622	
122										
123	1	M770 SS 30-06 SPRG	06/20/07	70	71366912	1.2500	3	100	PASS	
124	2	M770 SS 30-06 SPRG	06/18/07	70	71378550	0.7500	3	100	PASS	
125	3	M770 SS 30-06 SPRG	06/18/07	70	71378551	1.6250	3	100	PASS	
126	4	M770 SS 30-06 SPRG	06/21/07	66	71378555	0.8125	3	100	PASS	
127	5	M770 SS 30-06 SPRG	06/18/07	70	71378559	1.5000	3	100	PASS	
128	6	M770 SS 30-06 SPRG	06/18/07	70	71378560	0.7500	3	100	PASS	
129	7	M770 SS 30-06 SPRG	06/18/07	70	71378561	1.7500	3	100	PASS	
130	8	M770 SS 30-06 SPRG	06/18/07	70	71378563	1.5000	3	100	PASS	
131	9	M770 SS 30-06 SPRG	06/18/07	70	71378566	0.9375	3	100	PASS	
132	10	M770 SS 30-06 SPRG	06/18/07	70	71378569	1.5000	3	100	PASS	
133	11	M770 SS 30-06 SPRG	06/18/07	70	71378576	1.1250	3	100	PASS	
134	12	M770 SS 30-06 SPRG	06/18/07	70	71378640	1.1250	3	100	PASS	
135	13	M770 SS 30-06 SPRG	06/18/07	70	71378643	1.3750	3	100	PASS	
136	14	M770 SS 30-06 SPRG	06/18/07	70	71378645	1.1250	3	100	PASS	
137	15	M770 SS 30-06 SPRG	06/20/07	66	71378647	1.3750	3	100	PASS	
138	16	M770 SS 30-06 SPRG	06/18/07	70	71378648	1.3750	3	100	PASS	
139	17	M770 SS 30-06 SPRG	06/18/07	70	71378652	1.2500	3	100	PASS	
140	18	M770 SS 30-06 SPRG	06/20/07	70	71378653	1.3750	3	100	PASS	

	A	B	C	D	E	F	G	H	I	J
1		GUN PERFORMANCE								
2		CALIBER	LOG DATE	STAMP#	SERIAL#	GROUP SIZE	ROUNDS	DISTANCE	STATUS	
141	19	M770 SS 30-06 SPRG	06/18/07	70	71378654	1.1250	3	100	PASS	
142	20	M770 SS 30-06 SPRG	06/18/07	70	71378655	1.2500	3	100	PASS	
143	21	M770 SS 30-06 SPRG	06/21/07	66	71378656	1.1250	3	100	PASS	
144	22	M770 SS 30-06 SPRG	06/20/07	66	71378657	1.5000	3	100	PASS	
145	23	M770 SS 30-06 SPRG	06/18/07	70	71378658	1.3750	3	100	PASS	
146	24	M770 SS 30-06 SPRG	06/18/07	70	71378660	1.3750	3	100	PASS	
147	25	M770 SS 30-06 SPRG	06/18/07	70	71378662	1.1250	3	100	PASS	
148	26	M770 SS 30-06 SPRG	06/18/07	70	71378668	1.2500	3	100	PASS	
149	27	M770 SS 30-06 SPRG	06/20/07	66	71378732	1.3750	3	100	PASS	
150	28	M770 SS 30-06 SPRG	06/18/07	70	71378737	1.6250	3	100	PASS	
151	29	M770 SS 30-06 SPRG	06/20/07	66	71378741	1.2500	3	100	PASS	
152	30	M770 SS 30-06 SPRG	06/18/07	70	71378742	0.5000	3	100	PASS	
153	31	M770 SS 30-06 SPRG	06/18/07	70	71378743	1.0000	3	100	PASS	
154	32	M770 SS 30-06 SPRG	06/18/07	70	71378744	0.8750	3	100	PASS	
155	33	M770 SS 30-06 SPRG	06/18/07	70	71378746	1.2500	3	100	PASS	
156	34	M770 SS 30-06 SPRG	06/20/07	66	71378747	1.6250	3	100	PASS	
157	35	M770 SS 30-06 SPRG	06/21/07	66	71378748	1.0000	3	100	PASS	
158	36	M770 SS 30-06 SPRG	06/18/07	70	71378753	1.0000	3	100	PASS	
159	37	M770 SS 30-06 SPRG	06/18/07	70	71378755	0.8750	3	100	PASS	
160	38	M770 SS 30-06 SPRG	06/18/07	70	71378760	0.7189	3	100	PASS	
161	39	M770 SS 30-06 SPRG	06/18/07	70	71378763	1.7500	3	100	PASS	
162	40	M770 SS 30-06 SPRG	06/21/07	66	71378764	1.0000	3	100	PASS	
163	41	M770 SS 30-06 SPRG	06/18/07	70	71378770	1.3750	3	100	PASS	
164	42	M770 SS 30-06 SPRG	06/18/07	70	71378771	1.2500	3	100	PASS	
165	43	M770 SS 30-06 SPRG	06/18/07	70	71378773	0.8750	3	100	PASS	
166	44	M770 SS 30-06 SPRG	06/18/07	70	71378784	1.6250	3	100	PASS	
167	45	M770 SS 30-06 SPRG	06/20/07	66	71378787	1.6250	3	100	PASS	
168	46	M770 SS 30-06 SPRG	06/18/07	70	71378789	1.0000	3	100	PASS	
169	47	M770 SS 30-06 SPRG	06/21/07	66	71378793	1.1250	3	100	PASS	
170	48	M770 SS 30-06 SPRG	06/18/07	70	71378800	1.6250	3	100	PASS	
171	49	M770 SS 30-06 SPRG	06/18/07	70	71378801	1.2500	3	100	PASS	
172	50	M770 SS 30-06 SPRG	06/18/07	70	71378802	1.3750	3	100	PASS	
173	51	M770 SS 30-06 SPRG	06/20/07	66	71378806	1.6250	3	100	PASS	
174	52	M770 SS 30-06 SPRG	06/20/07	70	71378812	1.5000	3	100	PASS	
175	53	M770 SS 30-06 SPRG	06/18/07	70	71378814	1.5000	3	100	PASS	
176	54	M770 SS 30-06 SPRG	06/18/07	70	71378818	1.2500	3	100	PASS	
177	55	M770 SS 30-06 SPRG	06/21/07	66	71378819	1.1250	3	100	PASS	
178	56	M770 SS 30-06 SPRG	06/18/07	70	71378850	1.3750	3	100	PASS	
179	57	M770 SS 30-06 SPRG	06/18/07	70	71378856	1.2500	3	100	PASS	
180	58	M770 SS 30-06 SPRG	06/20/07	66	71378860	0.8125	3	100	PASS	
181	59	M770 SS 30-06 SPRG	06/18/07	70	71378862	1.5000	3	100	PASS	
182	60	M770 SS 30-06 SPRG	06/18/07	70	71378866	1.7500	3	100	PASS	
183	61	M770 SS 30-06 SPRG	06/18/07	70	71378868	1.1250	3	100	PASS	
184	62	M770 SS 30-06 SPRG	06/20/07	66	71378872	1.2500	3	100	PASS	
185	63	M770 SS 30-06 SPRG	06/18/07	70	71378873	1.7500	3	100	PASS	
186	64	M770 SS 30-06 SPRG	06/18/07	70	71378874	1.2500	3	100	PASS	

	A	B	C	D	E	F	G	H	I	J
1		GUN PERFORMANCE								
2		CALIBER	LOG DATE	STAMP#	SERIAL#	GROUP SIZE	ROUNDS	DISTANCE	STATUS	
187	65	M770 SS 30-06 SPRG	06/18/07	70	71378876	1.3750	3	100	PASS	
188	66	M770 SS 30-06 SPRG	06/20/07	66	71378877	1.0000	3	100	PASS	
189	67	M770 SS 30-06 SPRG	06/20/07	70	71378942	1.5000	3	100	PASS	
190	68	M770 SS 30-06 SPRG	06/21/07	66	71378943	1.1250	3	100	PASS	
191	69	M770 SS 30-06 SPRG	06/18/07	70	71378950	1.0000	3	100	PASS	
192	70	M770 SS 30-06 SPRG	06/18/07	70	71378951	1.5000	3	100	PASS	
193	71	M770 SS 30-06 SPRG	06/18/07	70	71378952	0.5000	3	100	PASS	
194	72	M770 SS 30-06 SPRG	06/18/07	70	71378953	1.6250	3	100	PASS	
195	73	M770 SS 30-06 SPRG	06/18/07	70	71378954	1.2500	3	100	PASS	
196	74	M770 SS 30-06 SPRG	06/18/07	70	71378956	1.3750	3	100	PASS	
197	75	M770 SS 30-06 SPRG	06/20/07	66	71378957	1.3750	3	100	PASS	
198	76	M770 SS 30-06 SPRG	06/18/07	70	71378958	1.3750	3	100	PASS	
199	77	M770 SS 30-06 SPRG	06/18/07	70	71378959	1.0000	3	100	PASS	
200	78	M770 SS 30-06 SPRG	06/18/07	70	71378960	0.9375	3	100	PASS	
201	79	M770 SS 30-06 SPRG	06/18/07	70	71378968	0.5312	3	100	PASS	
202	80	M770 SS 30-06 SPRG	06/20/07	66	714378768	1.3750	3	100	PASS	
203										
204					AVERAGE:	1.2031				
205					Std Dev:	0.2976				
206		1/1/07 TO 6/17/07 CARBON STEEL BARREL AVERAGE:				1.3402	BETTER/WORSE:		0.1371	
207										
208										
209										
210		CALIBER	LOG DATE	STAMP#	SERIAL#	GROUP SIZE	ROUNDS	DISTANCE	STATUS	
211		M770 SS 270 WIN	08/14/07	78	71386134	1.2500	3	100	PASS	
212		M770 SS 270 WIN	08/14/07	78	71390499	1.5000	3	100	PASS	
213		M770 SS 270 WIN	08/14/07	12	71386318	1.0000	3	100	PASS	
214		M770 SS 270 WIN	08/14/07	12	71386624	1.2500	3	100	PASS	
215		M770 SS 270 WIN	08/14/07	78	71382323	1.6250	4	100	PASS	
216		M770 SS 270 WIN	08/14/07	78	71382826	1.5000	3	100	PASS	
217		M770 SS 270 WIN	08/14/07	66	71390505	1.1250	3	100	PASS	
218		M770 SS 270 WIN	08/14/07	66	71390510	0.8125	3	100	PASS	
219		M770 SS 270 WIN	08/14/07	66	71384640	1.1250	3	100	PASS	
220		M770 SS 270 WIN	08/14/07	66	71390489	1.1250	3	100	PASS	
221		M770 SS 270 WIN	08/14/07	66	71385392	1.3750	3	100	PASS	
222		M770 SS 270 WIN	08/15/07	70	71384962	1.3750	3	100	PASS	
223		M770 SS 270 WIN	08/15/07	70	71385413	1.5000	3	100	PASS	
224		M770 SS 270 WIN	08/15/07	70	71386308	1.6250	3	100	PASS	
225		M770 SS 270 WIN	08/15/07	70	71378766	1.3750	3	100	PASS	
226		M770 SS 270 WIN	08/15/07	78	71386245	1.1250	3	100	PASS	
227		M770 SS 270 WIN	08/15/07	78	71390468	0.7500	3	100	PASS	
228		M770 SS 270 WIN	08/15/07	78	71386319	1.0000	3	100	PASS	
229		M770 SS 270 WIN	08/15/07	78	71384728	1.6250	4	100	PASS	
230		M770 SS 270 WIN	08/15/07	12	71386441	1.2500	3	100	PASS	
231		M770 SS 270 WIN	08/15/07	12	71386352	1.5000	3	100	PASS	
232		M770 SS 270 WIN	08/15/07	78	71383830	1.7500	4	100	PASS	

	A	B	C	D	E	F	G	H	I	J
1		GUN PERFORMANCE								
2		CALIBER	LOG DATE	STAMP#	SERIAL#	GROUP SIZE	ROUNDS	DISTANCE	STATUS	
233		M770 SS 270 WIN	08/15/07	78	71381239	1.5000	3	100	PASS	
234					AVERAGE:	1.3071				
235					Std Dev:	0.2684				
236		RAMAC #85652	CARBON STEEL1/1/07 to 8/1/07 AVERAGE:			1.3163	BETTER/WORSE:		0.0092	
237										
238										
239		M770 SS 7MM REM MAG	08/15/07	66	71386635	1.2500	3	100	PASS	
240		M770 SS 7MM REM MAG	08/15/07	66	71385908	1.6250	3	100	PASS	
241		M770 SS 7MM REM MAG	08/15/07	66	71385400	1.0000	3	100	PASS	
242					AVERAGE:	1.2917				
243					Std Dev:	0.3146				
244		RAMAC #85654	CARBON STEEL1/1/07 to 8/1/07 AVERAGE:			1.5155	BETTER/WORSE:		0.2238	
245										
246										
247										
248					Overall	1.3108				
249					Overall	0.3089				

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Comment: Identity(33566)

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Cell: B9

Comment: Identity(33716)

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Comment: Identity(33730)

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Comment: Identity(33713)

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Cell: B116

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Cell: B123

Comment: Identity(33558)

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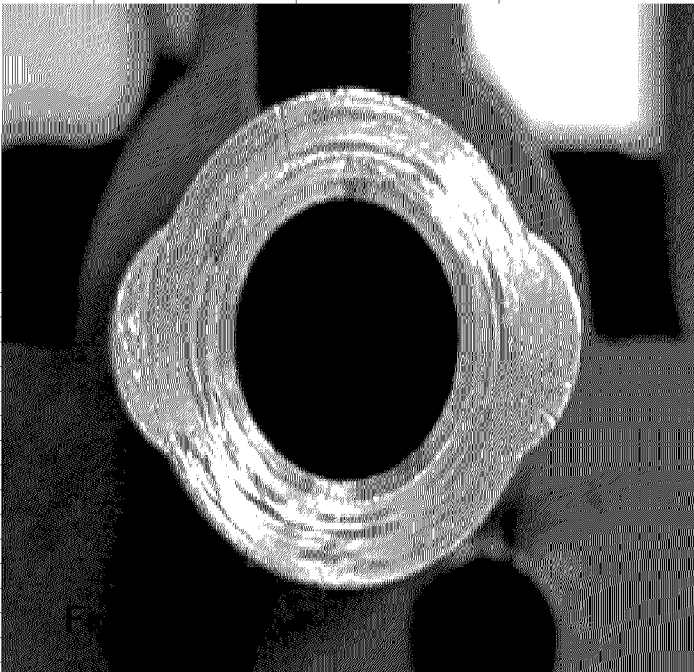
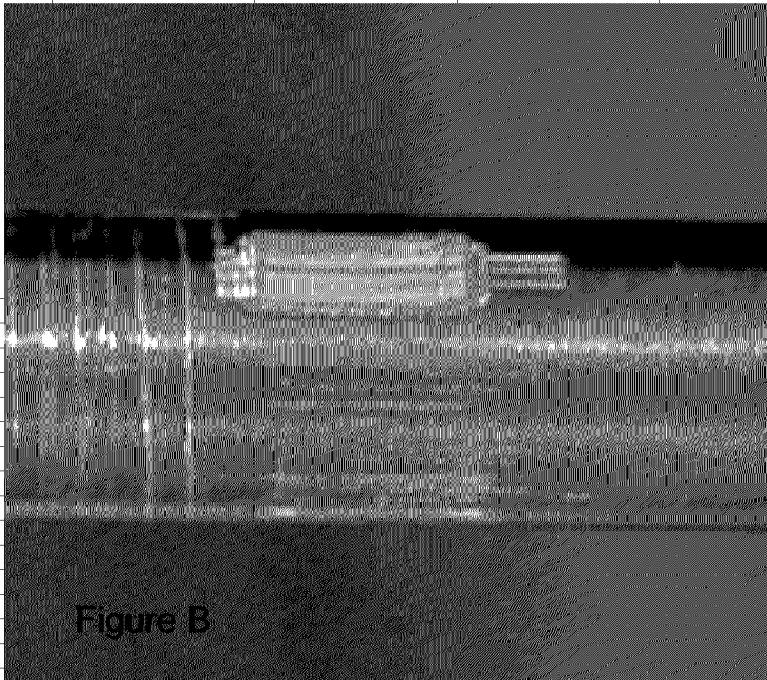
Comment: Identity(34887)

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Comment: Identity(34893)

	A	B	C	D	E	F	G	H
1								
2								
3		Overall Accuracy Summary						
4		Series	A	B	C	D	E	All Calibers Combined
5		Caliber	300 Win Mag	30-06 Sprg	243 Win Youth	7mm Rem Mag	270 Win	
6		Elizabethtown Accuracy Data						
7		3 Shot Group Average	1.62	1.61	1.31	1.48	1.20	1.47
8		3 Shot Group Standard Deviation	0.44	0.63	0.55	0.51	0.46	0.54
9		5 Shot Group Average	2.03	1.89	1.90	1.83	1.64	1.89
10		5 Shot Group Standard Deviation	0.54	0.56	0.47	0.40	0.44	0.50
11		# of guns fired	6	6	6	3	3	24
12		# of groups per gun	3	3	3	3	3	3
13		Mayfield Accuracy Data						
14		3 Shot Group Average	1.40	1.20	1.03	1.29	1.31	1.31
15		3 Shot Group Standard Deviation	0.31	0.30	0.24	0.31	0.27	0.31
16		# of guns fired	101	80	8	3	23	215
17		# of groups per gun	1	1	1	1	1	1

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2	A-3 Firing Pin would bind up occasionally during livefire testing.															
3																
4	Upon disassembly & inspection it was determined that a piece of debri (most likely a metal chip) must have been lodged between the firing pin, bolt plug and main spring.															
5																
6	This gouged into the firing pin as shown in Figures B & C and restricted the proper movment of the pin during livefire testing.															
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1																			
2																			
3	Test Gun ID																		
4	Round Level	A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6	C1	C2	C3	C4	C5	C6
5	1																		
6	2																		
7	3																		
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20	16																		
21	17																		
22	18																		
23	19																		
24	20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	21																		
26	22																		
27	23																		
28	24																		
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40	36																		
41	37																		
42	38																		
43	39																		
44	40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	41																		
46	42																		
47	43																		
48	44																		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
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61	57																		
62	58																		
63	59																		
64	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
65	61																		
66	62																		
67	63																		
68	64																		
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82	78																		
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84	80	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
85	81																		
86	82																		
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100	96																		
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104	100	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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120	116																		
121	117																		
122	118																		
123	119																		
124	120	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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141	137																		
142	138																		
143	139																		
144	140	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
145	141																		
146	142																		
147	143																		
148	144																		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
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164	160	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
165	161																		
166	162																		
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168	164																		
169	165																		
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221	217																		
222	218																		
223	219																		
224	220	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
225	221																		
226	222																		
227	223																		
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240	236																		
241	237																		
242	238																		
243	239																		
244	240	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
245	241																		
246	242																		
247	243																		
248	244																		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
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264	260	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
265	261																		
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268	264																		
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281	277																		
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283	279																		
284	280	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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298	294																		

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303	299																		
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317	313																		
318	314																		
319	315		FTE																
320	316																		
321	317																		
322	318																		
323	319																		
324	320	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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343	339																		
344	340	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
345	341																		
346	342																		
347	343																		
348	344																		

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364	360	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
365	361																		
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384	380	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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398	394																		

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401	397																		
402	398																		
403	399																		
404	400	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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422	418																		
423	419																		
424	420	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
425	421																		
426	422																		
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442	438																		
443	439																		
444	440	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
445	441																		
446	442																		
447	443																		
448	444																		

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461	457																		
462	458																		
463	459																		
464	460	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
465	461																		
466	462																		
467	463																		
468	464																		
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481	477																		
482	478																		
483	479																		
484	480	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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498	494																		

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499	495																		
500	496																		
501	497																		
502	498																		
503	499																		
504	500	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3		Test Gun ID											
4	Round Level	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
5	501												
6	502												
7	503												
8	504												
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18	514												
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20	516												
21	517												
22	518												
23	519												
24	520	X	X	X	X	X	X	X	X	X	X	X	X
25	521												
26	522												
27	523												
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30	526												
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36	532												
37	533												
38	534												
39	535												
40	536												
41	537												
42	538												
43	539												
44	540	X	X	X	X	X	X	X	X	X	X	X	X
45	541												
46	542												
47	543												
48	544												

	A	B	C	D	E	F	G	H	I	J	K	L	M
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60	556												
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62	558												
63	559												
64	560	X	X	X	X	X	X	X	X	X	X	X	X
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81	577												
82	578												
83	579												
84	580	X	X	X	X	X	X	X	X	X	X	X	X
85	581												
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101	597												
102	598												
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104	600	X	X	X	X	X	X	X	X	X	X	X	X
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122	618												
123	619												
124	620	X	X	X	X	X	X	X	X	X	X	X	X
125	621												
126	622												
127	623												
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138	634												
139	635												
140	636												
141	637												
142	638			Bolt bound									
143	639												
144	640	X	X	X	X	X	X	X	X	X	X	X	X
145	641												
146	642												
147	643												
148	644												

	A	B	C	D	E	F	G	H	I	J	K	L	M
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162	658												
163	659												
164	660	X	X	X	X	X	X	X	X	X	X	X	X
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167	663												
168	664												
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170	666												
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179	675												
180	676												
181	677												
182	678												
183	679												
184	680	X	X	X	X	X	X	X	X	X	X	X	X
185	681												
186	682												
187	683												
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197	693												
198	694												

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199	695												
200	696												
201	697			BOUND									
202	698												
203	699												
204	700	X	X	X	X	X	X	X	X	X	X	X	X
205	701												
206	702												
207	703												
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219	715												
220	716												
221	717												
222	718												
223	719												
224	720	X	X	X	X	X	X	X	X	X	X	X	X
225	721												
226	722												
227	723												
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229	725												
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237	733												
238	734												
239	735												
240	736												
241	737												
242	738												
243	739												
244	740	X	X	X	X	X	X	X	X	X	X	X	X
245	741												
246	742												
247	743												
248	744												

	A	B	C	D	E	F	G	H	I	J	K	L	M
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250	746												
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252	748												
253	749												
254	750												
255	751												
256	752												
257	753												
258	754												
259	755												
260	756												
261	757												
262	758												
263	759												
264	760	X	X	X	X	X	X	X	X	X	X	X	X
265	761												
266	762												
267	763												
268	764												
269	765												
270	766												
271	767												
272	768												
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276	772												
277	773												
278	774												
279	775												
280	776												
281	777												
282	778												
283	779												
284	780	X	X	X	X	X	X	X	X	X	X	X	X
285	781												
286	782												
287	783												
288	784												
289	785												
290	786												
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292	788												
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294	790												
295	791												
296	792												
297	793												
298	794												

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299	795												
300	796												
301	797												
302	798												
303	799												
304	800	X	X	X	X	X	X	X	X	X	X	X	X
305	801												
306	802												
307	803												
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312	808												
313	809												
314	810												
315	811												
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319	815												
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323	819												
324	820	X	X	X	X	X	X	X	X	X	X	X	X
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345	841												
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348	844												

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364	860	X	X	X	X	X	X	X	X	X	X	X	X
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384	880	X	X	X	X	X	X	X	X	X	X	X	X
385	881												
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387	883												
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398	894												

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404	900	X	X	X	X	X	X	X	X	X	X	X	X
405	901												
406	902												
407	903												
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419	915												
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424	920	X	X	X	X	X	X	X	X	X	X	X	X
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444	940	X	X	X	X	X	X	X	X	X	X	X	X
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446	942												
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470	966												
471	967												
472	968												
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479	975												
480	976												
481	977												
482	978												
483	979												
484	980	X	X	X	X	X	X	X	X	X	X	X	X
485	981												
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487	983												
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490	986												
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493	989												
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495	991												
496	992												
497	993												
498	994												

	A	B	C	D	E	F	G	H	I	J	K	L	M
499	995												
500	996												
501	997												
502	998												
503	999												
504	1000	X	X	X	X	X	X	X	X	X	X	X	X

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2															
3	Test Gun ID							Test Gun ID							
4	Round Level	A1	A2	B1	B2	C1	C2		Round Level	A1	A2	B1	B2	C1	C2
5	1001								1501						
6	1002								1502						
7	1003								1503						
8	1004								1504						
9	1005								1505						
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11	1007								1507						
12	1008								1508						
13	1009								1509						
14	1010								1510						
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16	1012								1512						
17	1013								1513						
18	1014								1514						
19	1015								1515						
20	1016								1516						
21	1017								1517						
22	1018								1518						
23	1019								1519						
24	1020	X	X	X	X	X	X		1520	X	X	X	X	X	X
25	1021								1521						
26	1022								1522						
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40	1036								1536						
41	1037								1537						
42	1038								1538						
43	1039								1539						
44	1040	X	X	X	X	X	X		1540	X	X	X	X	X	X
45	1041								1541						
46	1042								1542						
47	1043								1543						
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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62	1058								1558						
63	1059								1559						
64	1060	X	X	X	X	X	X		1560	X	X	X	X	X	X
65	1061								1561						
66	1062								1562						
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79	1075								1575						
80	1076								1576						
81	1077								1577						
82	1078								1578						
83	1079								1579						
84	1080	X	X	X	X	X	X		1580	X	X	X	X	X	X
85	1081								1581						
86	1082								1582						
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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103	1099								1599						
104	1100	X	X	X	X	X	X		1600	X	X	X	X	X	X
105	1101								1601						
106	1102								1602						
107	1103								1603						
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113	1109								1609						
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115	1111								1611						
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124	1120	X	X	X	X	X	X		1620	X	X	X	X	X	X
125	1121								1621						
126	1122								1622						
127	1123								1623						
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129	1125								1625						
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144	1140	X	X	X	X	X	X		1640	X	X	X	X	X	X
145	1141								1641						
146	1142								1642						
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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161	1157								1657						
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163	1159								1659						
164	1160	X	X	X	X	X	X		1660	X	X	X	X	X	X
165	1161								1661						
166	1162								1662						
167	1163								1663						
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180	1176								1676						
181	1177								1677						
182	1178								1678						
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184	1180	X	X	X	X	X	X		1680	X	X	X	X	X	X
185	1181								1681						
186	1182								1682						
187	1183								1683						
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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204	1200	X	X	X	X	X	X		1700	X	X	X	X	X	X
205	1201								1701						
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224	1220	X	X	X	X	X	X		1720	X	X	X	X	X	X
225	1221								1721						
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244	1240	X	X	X	X	X	X		1740	X	X	X	X	X	X
245	1241								1741						
246	1242								1742						
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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264	1260	X	X	X	X	X	X		1760	X	X	X	X	X	X
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266	1262								1762						
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284	1280	X	X	X	X	X	X		1780	X	X	X	X	X	X
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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304	1300	X	X	X	X	X	X		1800	X	X	X	X	X	X
305	1301								1801						
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324	1320	X	X	X	X	X	X		1820	X	X	X	X	X	X
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344	1340	X	X	X	X	X	X		1840	X	X	X	X	X	X
345	1341								1841						
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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363	1359								1859						
364	1360	X	X	X	X	X	X		1860	X	X	X	X	X	X
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384	1380	X	X	X	X	X	X		1880	X	X	X	X	X	X
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404	1400	X	X	X	X	X	X		1900	X	X	X	X	X	X
405	1401								1901						
406	1402								1902						
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424	1420	X	X	X	X	X	X		1920	X	X	X	X	X	X
425	1421								1921						
426	1422								1922						
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442	1438								1938						
443	1439								1939						
444	1440	X	X	X	X	X	X		1940	X	X	X	X	X	X
445	1441								1941						
446	1442								1942						
447	1443								1943						
448	1444								1944						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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464	1460	X	X	X	X	X	X		1960	X	X	X	X	X	X
465	1461								1961						
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470	1466								1966						
471	1467								1967						
472	1468								1968						
473	1469								1969						
474	1470								1970						
475	1471								1971						
476	1472								1972						
477	1473								1973						
478	1474								1974						
479	1475								1975						
480	1476								1976						
481	1477								1977						
482	1478								1978						
483	1479								1979						
484	1480	X	X	X	X	X	X		1980	X	X	X	X	X	X
485	1481								1981						
486	1482								1982						
487	1483								1983						
488	1484								1984						
489	1485								1985						
490	1486								1986						
491	1487								1987						
492	1488								1988						
493	1489								1989						
494	1490								1990						
495	1491								1991						
496	1492								1992						
497	1493								1993						
498	1494								1994						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
499	1495								1995						
500	1496								1996						
501	1497								1997						
502	1498								1998						
503	1499								1999						
504	1500	X	X	X	X	X	X		2000	X	X	X	X	X	X

	A	B	C	D	E	F	G	H	I	J	K
1		PROJECT: 241230				M/770 STAINLESS STEEL					
2		TLW: 2359									
3		7MM REM MAG				Test Gun ID		.270 Win			
4	Round Level	D1	D2	D3	D4	D5	E1	E2	E3	E4	E5
5	1										
6	2										
7	3										
8	4										
9	5	x	x	x	x	x	x	x	x	x	x
10	6										
11	7										
12	8										
13	9										
14	10	x	x	x	x	x	x	x	x	x	x
15	11										
16	12										
17	13										
18	14										
19	15	x	x	x	x	x	x	x	x	x	x
20	16										
21	17										
22	18										
23	19										
24	20	x	x	x	x	x	x	x	x	x	x
25	21										
26	22										
27	23										
28	24										
29	25	x	x	x	x	x	x	x	x	x	x
30	26										
31	27										
32	28										
33	29										
34	30	x	x	x	x	x	x	x	x	x	x
35	31										
36	32										
37	33										
38	34										
39	35	x	x	x	x	x	x	x	x	x	x
40	36										
41	37										
42	38										
43	39										
44	40	x	x	x	x	x	x	x	x	x	x
45	41										
46	42										
47	43										
48	44										

	A	B	C	D	E	F	G	H	I	J	K
49	45	x	x	x	x	x	x	x	x	x	x
50	46										
51	47										
52	48										
53	49										
54	50	x	x	x	x	x	x	x	x	x	x
55	51										
56	52										
57	53										
58	54										
59	55	x	x	x	x	x	x	x	x	x	x
60	56										
61	57										
62	58										
63	59										
64	60	x	x	x	x	x	x	x	x	x	x
65	61										
66	62										
67	63										
68	64										
69	65	x	x	x	x	x	x	x	x	x	x
70	66										
71	67										
72	68										
73	69										
74	70	x	x	x	x	x	x	x	x	x	x
75	71										
76	72										
77	73										
78	74										
79	75	x	x	x	x	x	x	x	x	x	x
80	76										
81	77										
82	78										
83	79										
84	80	x	x	x	x	x	x	x	x	x	x
85	81										
86	82										
87	83										

	A	B	C	D	E	F	G	H	I	J	K
88	84										
89	85	x	x	x	x	x	x	x	x	x	x
90	86										
91	87										
92	88										
93	89										
94	90	x	x	x	x	x	x	x	x	x	x
95	91										
96	92										
97	93										
98	94										
99	95	x	x	x	x	x	x	x	x	x	x
100	96										
101	97										
102	98										
103	99										
104	100	x	x	x	x	x	x	x	x	x	x

	A	B	C	D	E
1					
2	7MM R M .270 WIN				
3	Test Gun ID				
4	Round Level	D1	D2	E1	E2
5	101				
6	102				
7	103				
8	104				
9	105	x	x	x	x
10	106				
11	107				
12	108				
13	109				
14	110	x	x	x	x
15	111				
16	112				
17	113				
18	114				
19	115	x	x	x	x
20	116				
21	117				
22	118				
23	119				
24	120	x	x	x	x
25	121				
26	122				
27	123				
28	124				
29	125	x	x	x	x
30	126				
31	127				
32	128				
33	129				
34	130	x	x	x	x
35	131				
36	132				
37	133				
38	134				
39	135	x	x	x	x
40	136				
41	137				
42	138				
43	139				
44	140	x	x	x	x
45	141				
46	142				
47	143				
48	144				

	A	B	C	D	E
49	145	x	x	x	x
50	146				
51	147				
52	148				
53	149				
54	150	x	x	x	x
55	151				
56	152				
57	153				
58	154				
59	155	x	x	x	x
60	156				
61	157				
62	158				
63	159				
64	160	x	x	x	x
65	161				
66	162				
67	163				
68	164				
69	165	x	x	x	x
70	166				
71	167				
72	168				
73	169				
74	170	x	x	x	x
75	171				
76	172				
77	173				
78	174				
79	175	x	x	x	x
80	176				
81	177				
82	178				
83	179				
84	180	x	x	x	x
85	181				
86	182				
87	183				
88	184				
89	185	x	x	x	x
90	186				
91	187				
92	188				
93	189				
94	190	x	x	x	x
95	191				
96	192				
97	193				
98	194				

	A	B	C	D	E
99	195	x	x	x	x
100	196				
101	197				
102	198				
103	199				
104	200	x	x	x	x
105	201				
106	202				
107	203				
108	204				
109	205	x	x	x	x
110	206				
111	207				
112	208				
113	209				
114	210	x	x	x	x
115	211				
116	212				
117	213				
118	214				
119	215	x	x	x	x
120	216				
121	217				
122	218				
123	219				
124	220	x	x	x	x
125	221				
126	222				
127	223				
128	224				
129	225	x	x	x	x
130	226				
131	227				
132	228				
133	229				
134	230	x	x	x	x
135	231				
136	232				
137	233				
138	234				
139	235	x	x	x	x
140	236				
141	237				
142	238				
143	239				
144	240	x	x	x	x
145	241				
146	242				
147	243				
148	244				

	A	B	C	D	E
149	245	x	x	x	x
150	246				
151	247				
152	248				
153	249				
154	250	x	x	x	x
155	251				
156	252				
157	253				
158	254				
159	255	x	x	x	x
160	256				
161	257				
162	258				
163	259				
164	260	x	x	x	x
165	261				
166	262				
167	263				
168	264				
169	265	x	x	x	x
170	266				
171	267				
172	268				
173	269				
174	270	x	x	x	x
175	271				
176	272				
177	273				
178	274				
179	275	x	x	x	x
180	276				
181	277				
182	278				
183	279				
184	280	x	x	x	x
185	281				
186	282				
187	283				
188	284				
189	285	x	x	x	x
190	286				
191	287				
192	288				
193	289				
194	290	x	x	x	x
195	291				
196	292				
197	293				
198	294				

	A	B	C	D	E
199	295	x	x	x	x
200	296				
201	297				
202	298				
203	299				
204	300	x	x	x	x
205	301				
206	302				
207	303				
208	304				
209	305	x	x	x	x
210	306				
211	307				
212	308				
213	309				
214	310	x	x	x	x
215	311				
216	312				
217	313				
218	314				
219	315	x	x	x	x
220	316				
221	317				
222	318				
223	319				
224	320	x	x	x	x
225	321				
226	322				
227	323				
228	324				
229	325	x	x	x	x
230	326				
231	327				
232	328				
233	329				
234	330	x	x	x	x
235	331				
236	332				
237	333				
238	334				
239	335	x	x	x	x
240	336				
241	337				
242	338				
243	339				
244	340	x	x	x	x
245	341				
246	342				
247	343				
248	344				

	A	B	C	D	E
249	345	x	x	x	x
250	346				
251	347				
252	348				
253	349				
254	350	x	x	x	x
255	351				
256	352				
257	353				
258	354				
259	355	x	x	x	x
260	356				
261	357				
262	358				
263	359				
264	360	x	x	x	x
265	361				
266	362				
267	363				
268	364				
269	365	x	x	x	x
270	366				
271	367				
272	368				
273	369				
274	370	x	x	x	x
275	371				
276	372				
277	373				
278	374				
279	375	x	x	x	x
280	376				
281	377				
282	378				
283	379				
284	380	x	x	x	x
285	381				
286	382				
287	383				
288	384				
289	385	x	x	x	x
290	386				
291	387				
292	388				
293	389				
294	390	x	x	x	x
295	391				
296	392				
297	393				
298	394				

	A	B	C	D	E
299	395	x	x	x	x
300	396				
301	397				
302	398				
303	399				
304	400	x	x	x	x
305	401				
306	402				
307	403				
308	404				
309	405	x	x	x	x
310	406				
311	407				
312	408				
313	409				
314	410	x	x	x	x
315	411				
316	412				
317	413				
318	414				
319	415	x	x	x	x
320	416				
321	417				
322	418				
323	419				
324	420	x	x	x	x
325	421				
326	422				
327	423				
328	424				
329	425	x	x	x	x
330	426				
331	427				
332	428				
333	429				
334	430	x	x	x	x
335	431				
336	432				
337	433				
338	434				
339	435	x	x	x	x
340	436				
341	437				
342	438				
343	439				
344	440	x	x	x	x
345	441				
346	442				
347	443				
348	444				

	A	B	C	D	E
349	445	x	x	x	x
350	446				
351	447				
352	448				
353	449				
354	450	x	x	x	x
355	451				
356	452				
357	453				
358	454				
359	455	x	x	x	x
360	456				
361	457				
362	458				
363	459				
364	460	x	x	x	x
365	461				
366	462				
367	463				
368	464				
369	465	x	x	x	x
370	466				
371	467				
372	468				
373	469				
374	470	x	x	x	x
375	471				
376	472				
377	473				
378	474				
379	475	x	x	x	x
380	476				
381	477				
382	478				
383	479				
384	480	x	x	x	x
385	481				
386	482				
387	483				
388	484				
389	485	x	x	x	x
390	486				
391	487				
392	488				
393	489				
394	490	x	x	x	x
395	491				
396	492				
397	493				
398	494				

	A	B	C	D	E
399	495	x	x	x	x
400	496				
401	497				
402	498				
403	499				
404	500	x	x	x	x

	A	B	C
1			
2	7MM RM .270 WIN		
3	Test Gun ID		
4	Round Level	D1	E1
5	501		
6	502		
7	503		
8	504		
9	505	x	x
10	506		
11	507		
12	508		
13	509		
14	510	x	x
15	511		
16	512		
17	513		
18	514		
19	515	x	x
20	516		
21	517		
22	518		
23	519		
24	520	x	x
25	521		
26	522		
27	523		
28	524		
29	525	x	x
30	526		
31	527		
32	528		
33	529		
34	530	x	x
35	531		
36	532		
37	533		
38	534		
39	535	x	x
40	536		
41	537		
42	538		
43	539		
44	540	x	x
45	541		
46	542		
47	543		
48	544		

	A	B	C
49	545	x	x
50	546		
51	547		
52	548		
53	549		
54	550	x	x
55	551		
56	552		
57	553		
58	554		
59	555	x	x
60	556		
61	557		
62	558		
63	559		
64	560	x	x
65	561		
66	562		
67	563		
68	564		
69	565	x	x
70	566		
71	567		
72	568		
73	569		
74	570	x	x
75	571		
76	572		
77	573		
78	574		
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85	581		
86	582		
87	583		
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89	585	x	x
90	586		
91	587		
92	588		
93	589		
94	590	x	x
95	591		
96	592		
97	593		
98	594		

	A	B	C
99	595	x	x
100	596		
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105	601		
106	602		
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119	615	x	x
120	616		
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122	618		
123	619		
124	620	x	x
125	621		
126	622		
127	623		
128	624		
129	625	x	x
130	626		
131	627		
132	628		
133	629		
134	630	x	x
135	631		
136	632		
137	633		
138	634		
139	635	x	x
140	636		
141	637		
142	638		
143	639		
144	640	x	x
145	641		
146	642		
147	643		
148	644		

	A	B	C
149	645	x	x
150	646		
151	647		
152	648		
153	649		
154	650	x	x
155	651		
156	652		
157	653		
158	654		
159	655	x	x
160	656		
161	657		
162	658		
163	659		
164	660	x	x
165	661		
166	662		
167	663		
168	664		
169	665	x	x
170	666		
171	667		
172	668		
173	669		
174	670	x	x
175	671		
176	672		
177	673		
178	674		
179	675	x	x
180	676		
181	677		
182	678		
183	679		
184	680	x	x
185	681		
186	682		
187	683		
188	684		
189	685	x	x
190	686		
191	687		
192	688		
193	689		
194	690	x	x
195	691		
196	692		
197	693		
198	694		

	A	B	C
199	695	x	x
200	696		
201	697		
202	698		
203	699		
204	700	x	x
205	701		
206	702		
207	703		
208	704		
209	705	x	x
210	706		
211	707		
212	708		
213	709		
214	710	x	x
215	711		
216	712		
217	713		
218	714		
219	715	x	x
220	716		
221	717		
222	718		
223	719		
224	720	x	x
225	721		
226	722		
227	723		
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230	726		
231	727		
232	728		
233	729		
234	730	x	x
235	731		
236	732		
237	733		
238	734		
239	735	x	x
240	736		
241	737		
242	738		
243	739		
244	740	x	x
245	741		
246	742		
247	743		
248	744		

	A	B	C
249	745	x	x
250	746		
251	747		
252	748		
253	749		
254	750	x	x
255	751		
256	752		
257	753		
258	754		
259	755	x	x
260	756		
261	757		
262	758		
263	759		
264	760	x	x
265	761		
266	762		
267	763		
268	764		
269	765	x	x
270	766		
271	767		
272	768		
273	769		
274	770	x	x
275	771		
276	772		
277	773		
278	774		
279	775	x	x
280	776		
281	777		
282	778		
283	779		
284	780	x	x
285	781		
286	782		
287	783		
288	784		
289	785	x	x
290	786		
291	787		
292	788		
293	789		
294	790	x	x
295	791		
296	792		
297	793		
298	794		

	A	B	C
299	795	x	x
300	796		
301	797		
302	798		
303	799		
304	800	x	x
305	801		
306	802		
307	803		
308	804		
309	805	x	x
310	806		
311	807		
312	808		
313	809		
314	810	x	x
315	811		
316	812		
317	813		
318	814		
319	815	x	x
320	816		
321	817		
322	818		
323	819		
324	820	x	x
325	821		
326	822		
327	823		
328	824		
329	825	x	x
330	826		
331	827		
332	828		
333	829		
334	830	x	x
335	831		
336	832		
337	833		
338	834		
339	835	x	x
340	836		
341	837		
342	838		
343	839		
344	840	x	x
345	841		
346	842		
347	843		
348	844		

	A	B	C
349	845	x	x
350	846		
351	847		
352	848		
353	849		
354	850	x	x
355	851		
356	852		
357	853		
358	854		
359	855	x	x
360	856		
361	857		
362	858		
363	859		
364	860	x	x
365	861		
366	862		
367	863		
368	864		
369	865	x	x
370	866		
371	867		
372	868		
373	869		
374	870	x	x
375	871		
376	872		
377	873		
378	874		
379	875	x	x
380	876		
381	877		
382	878		
383	879		
384	880	x	x
385	881		
386	882		
387	883		
388	884		
389	885	x	x
390	886		
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392	888		
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394	890	x	x
395	891		
396	892		
397	893		
398	894		

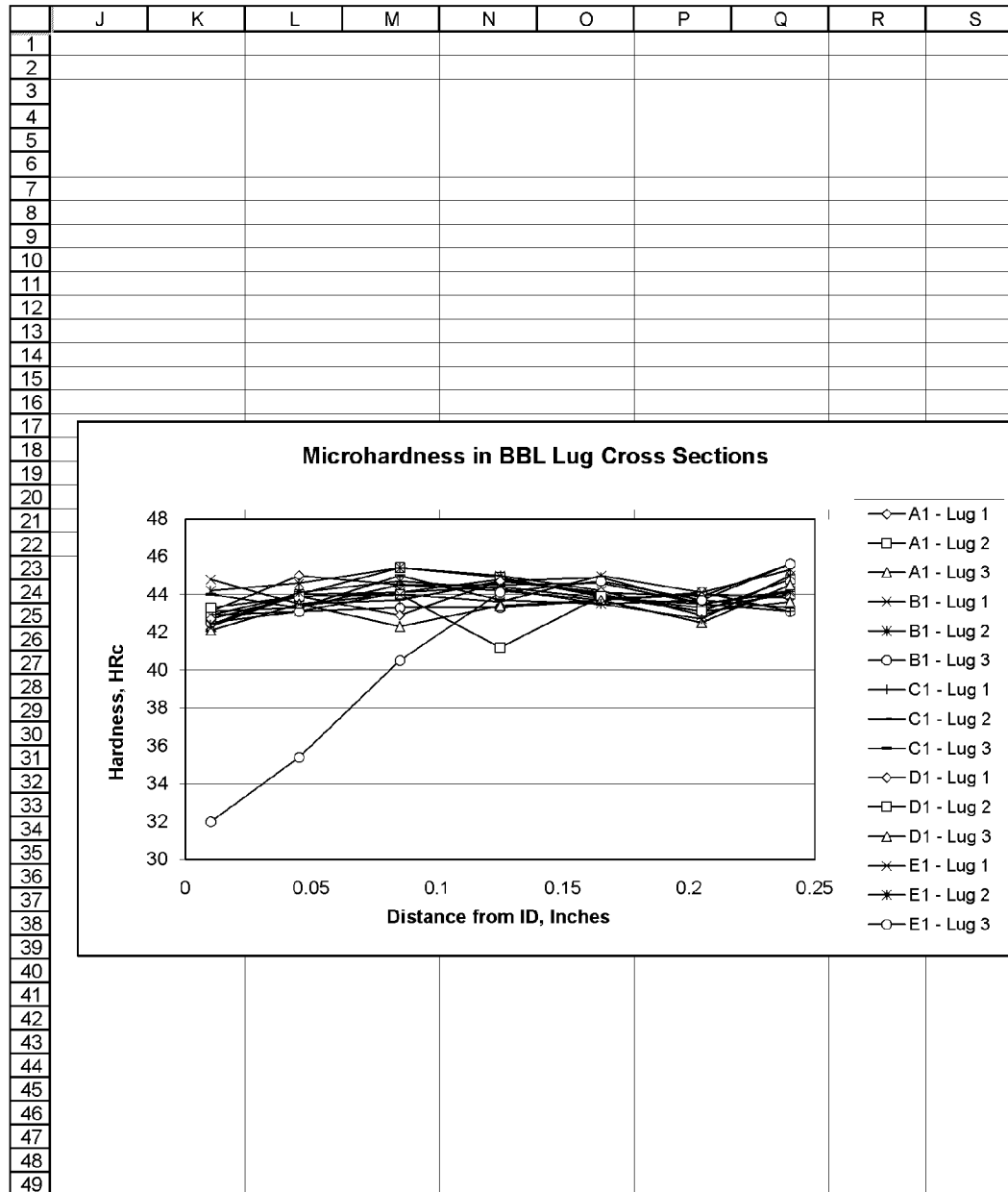
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400	896		
401	897		
402	898		
403	899		
404	900	x	x
405	901		
406	902		
407	903		
408	904		
409	905	x	x
410	906		
411	907		
412	908		
413	909		
414	910	x	x
415	911		
416	912		
417	913		
418	914		
419	915	x	x
420	916		
421	917		
422	918		
423	919		
424	920	x	x
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426	922		
427	923		
428	924		
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430	926		
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433	929		
434	930	x	x
435	931		
436	932		
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439	935	x	x
440	936		
441	937		
442	938		
443	939		
444	940	x	x
445	941		
446	942		
447	943		
448	944		

	A	B	C
449	945	x	x
450	946		
451	947		
452	948		
453	949		
454	950	x	x
455	951		
456	952		
457	953		
458	954		
459	955	x	x
460	956		
461	957		
462	958		
463	959		
464	960	x	x
465	961		
466	962		
467	963		
468	964		
469	965	x	x
470	966		
471	967		
472	968		
473	969		
474	970	x	x
475	971		
476	972		
477	973		
478	974		
479	975	x	x
480	976		
481	977		
482	978		
483	979		
484	980	x	x
485	981		
486	982		
487	983		
488	984		
489	985	x	x
490	986		
491	987		
492	988		
493	989		
494	990	x	x
495	991		
496	992		
497	993		
498	994		

	A	B	C
499	995	x	x
500	996		
501	997		
502	998		
503	999		
504	1000	x	x

	A	B	C	D	E	F	G	H	I
1									
2	Shooter: B. Lee								
3	Date: 25,26Jul07								
4	Test Activity: Cold, Hot Testing								
5									
6	Cold Test								
7	Task: Given two firearms(B-8,.30.06; C-8,.243 youth), Said firearms were placed in -20.0F for 24 hrs. prior								
8	to test. After 24hrs. Of exposure to temperature, 20rds. Was fired through each firearm @ 2 hr. intervals,								
9	shooting a total of 100 rds. Through each firearm.								
10									
11	Hot Test								
12	Task: Given two firearms(B-8,.30.06; C-8,.243 youth), Said firearms were placed in 120.2F for 24 hrs. prior								
13	to test. After 24hrs. Of exposure to temperature, 20rds. Was fired through each firearm @ 2 hr. intervals,								
14	shooting a total of 100 rds. Through each firearm.								
15									
16									
17	Note: 1 misfire was recorded on B8 rd. 22 of Cold Test.								

	A	B	C	D	E	F	G	H	I
1									
2	Hardness on OD of barrel								
3									
4	Gun ID		A1	B1	C1	D1	E1		
5	Location	Over Lug	43.0	44.4	41.4	39.4	42.9		
6		Between Lug	41.5	39.0	39.0	42.6	44.1		
7									
8									
9									
10									
11	Microhardness								
12									
13		A1							
14		A1 - Lug 1		A1 - Lug 2		A1 - Lug 3			
15		HRc	HV	HRc	HV	HRc	HV		
16	0.01	43.1	424	42.9	422	42.3	416		
17	0.045	45	445	44	434	44	434		
18	0.085	44.5	441	45.4	450	44.1	436		
19	0.125	44.2	436	44.9	445	44.8	443		
20	0.165	43.7	431	43.9	433	44	434		
21	0.205	44	434	43.3	427	43.1	424		
22	0.24	43.8	431	44	434	43.6	429		
23									
24									
25		B1							
26		B1 - Lug 1		B1 - Lug 2		B1 - Lug 3			
27		HRc	HV	HRc	HV	HRc	HV		
28	0.01	42.9	422	44.2	436	42.5	418		
29	0.045	43.1	425	44.6	441	43.1	424		
30	0.085	44.1	436	45.4	450	43.3	426		
31	0.125	44.4	438	45	445	43.3	427		
32	0.165	43.8	431	44.2	436	43.7	431		
33	0.205	43.5	429	42.9	422	44.1	436		
34	0.24	44.1	436	44.2	436	43.1	424		
35									
36									
37		C1							
38		C1 - Lug 1		C1 - Lug 2		C1 - Lug 3			
39		HRc	HV	HRc	HV	HRc	HV		
40	0.01	42.1	413	43.1	424	44	434		
41	0.045	43.5	429	43.3	426	43.3	427		
42	0.085	43.7	431	44.5	440	45	446		
43	0.125	44.7	443	44.5	441	43.7	431		
44	0.165	44.9	445	44.6	441	43.5	429		
45	0.205	43.5	429	43.5	429	43.7	431		
46	0.24	43.1	424	44.2	436	43.3	427		
47									
48									
49		D1	7mm						



	A	B	C	D	E	F	G	H	I
50			D1 - Lug 1		D1 - Lug 2		D1 - Lug 3		
51			HRc HV		HRc HV		HRc HV		
52		0.01	42.7	419	43.3	426	42.1	413	
53		0.045	43.9	433	43.9	433	43.5	429	
54		0.085	42.9	422	44	434	42.3	416	
55		0.125	44.7	443	41.2	404	43.4	427	
56		0.165	44.1	435	43.9	432	43.7	431	
57		0.205	43.9	433	43.1	424	42.5	417	
58		0.24	45.6	453	44.8	443	44.5	440	
59									
60									
61			E1 270						
62			E1 - Lug 1		E1 - Lug 2		E1 - Lug 3		
63			HRc HV		HRc HV		HRc HV		
64		0.01	44.8	444	42.4	416	32	318	
65		0.045	43.5	429	44.1	435	35.4	346	
66		0.085	44	434	44.7	442	40.5	397	
67		0.125	43.6	430	44.3	439	44.1	435	
68		0.165	45	446	43.5	429	44.7	443	
69		0.205	44.1	435	42.7	420	43.7	431	
70		0.24	45.3	449	45	445	45.6	454	
71									
72									
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99									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1																		
2		TLW 2305																
3		2 Aug. 2007																
4																		
5		PRESSURE CHECK of																
6		HANDLOADED ROUNDS																
7		(G. Howell - 1 Aug. 2007)																
8																		
9		Pwd Wt(X) Pressure (Y)																
10		(Grains) (psi)																
11		60 66621																
12		60 65552																
13		60 66333																
14		65 86060																
15		65 86352																
16		65 86280																
17		70 111548																
18		71.47 120004																
19																		
20																		
21																		
22																		
23																		
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MINITAB CURVE FIT OF EXPERIMENTAL DATA
Quadratic fit with formula shown in Regression Plot

Constant = 241407

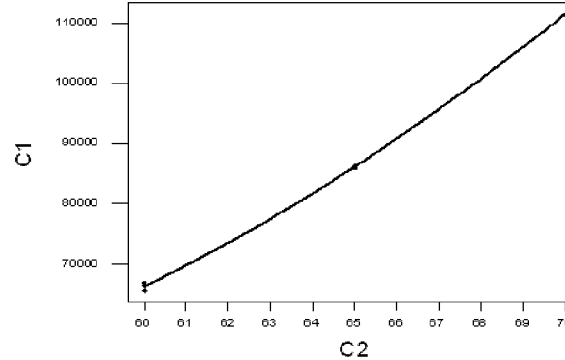
Predicted

Pressure

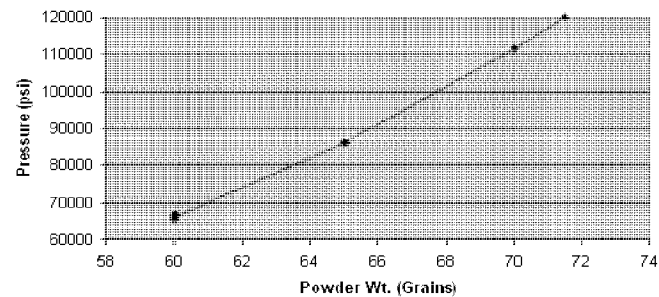
Regression Plot

$$Y = 241407 - 9305.93X + 106.44X^2$$

R-Sq = 99.9 %



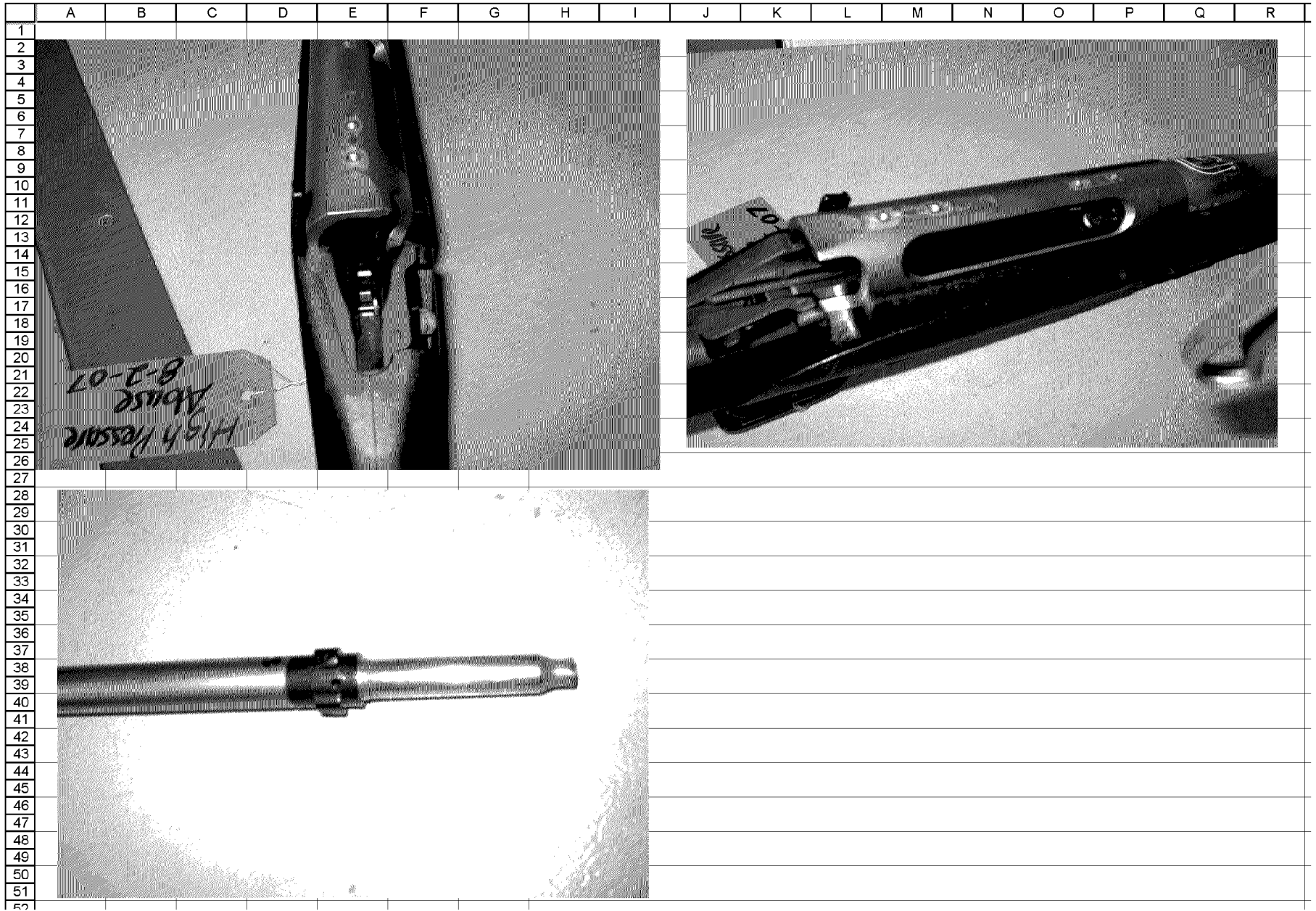
PRESSURE vs Powder Weight

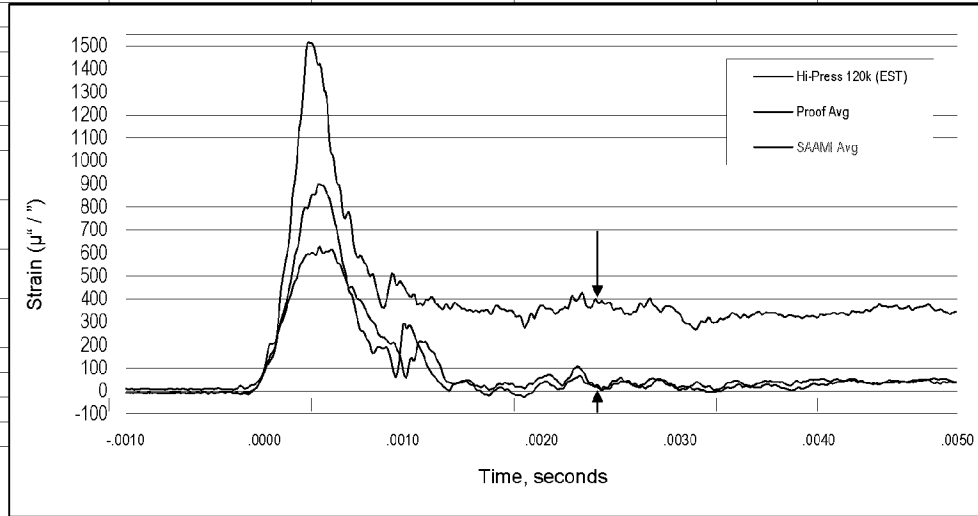


	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF																																																																																																																																																																																																																																																																														
1	770 Hi-Press Test																																																																																																																																																																																																																																																																																											
2	Caliber : 300WM				Case :		Remington		Powder :		IMR 3031 Cont 528																																																																																																																																																																																																																																																																																	
3	Date : 1-Aug-07				Primer :		9.5 Large		Lot # :		E97AU19 L1500																																																																																																																																																																																																																																																																																	
4	Test Lab Req : Tlw 2305				Bullet / Pellets :		180gr SP		Barrel-Transd :		UR 46 / # 2123																																																																																																																																																																																																																																																																																	
5	Temp & Hum : 75 / 30								Sens-CF's :		.131 / Rem 9790																																																																																																																																																																																																																																																																																	
6	References : Tlw2184								Date Calib :		Apr-07																																																																																																																																																																																																																																																																																	
7	Estimate Final Load >				71.9		grains				Final Load :																																																																																																																																																																																																																																																																																	
8	Target Pressure >				120000		psi				71.5																																																																																																																																																																																																																																																																																	
9	Last Load >				71.0		grains				grains																																																																																																																																																																																																																																																																																	
10	Notes: Strain location @ 2.029"																																																																																																																																																																																																																																																																																											
11	<table border="1"> <thead> <tr> <th>Ammo Type and Load</th> <th>Warmers</th> <th>SAAMI</th> <th>Proof</th> <th></th> <th></th> <th></th> <th></th> <th>TARGET</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Fed GM300WM</td> <td>300WM-180-8WWW</td> <td>Std</td> <td>60</td> <td>65</td> <td>70</td> <td>71.8653</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Average</td> <td>61874</td> <td>61808</td> <td>85409</td> <td>66235</td> <td>86231</td> <td>111548</td> <td>120000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>62427</td> <td>58716</td> <td>85864</td> <td>66821</td> <td>86060</td> <td>111548</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>60767</td> <td>63696</td> <td>84302</td> <td>65552</td> <td>86352</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>62427</td> <td>63013</td> <td>86060</td> <td>66333</td> <td>86280</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>Offset</td> <td>9790</td> <td>9790</td> <td>9790</td> <td>9790</td> <td>9790</td> <td>9790</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>Range 1v=10kpsi</td> <td>20000</td> <td>20000</td> <td>20000</td> <td>20000</td> <td>20000</td> <td>20000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td>Previous #</td> <td></td> <td>62442</td> <td>78377</td> <td>68300</td> <td>93298</td> <td>113900</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td colspan="14"> PSI Load Grains: </td> </tr> <tr> <td>15</td> <td colspan="14"> </td> </tr> </tbody> </table>														Ammo Type and Load	Warmers	SAAMI	Proof					TARGET							Fed GM300WM	300WM-180-8WWW	Std	60	65	70	71.8653									Average	61874	61808	85409	66235	86231	111548	120000								1	62427	58716	85864	66821	86060	111548									2	60767	63696	84302	65552	86352										3	62427	63013	86060	66333	86280										4															5															6															7															8															9															10															11	Offset	9790	9790	9790	9790	9790	9790								12	Range 1v=10kpsi	20000	20000	20000	20000	20000	20000								13	Previous #		62442	78377	68300	93298	113900								14	PSI Load Grains:														15														
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1	62427	58716	85864	66821	86060	111548																																																																																																																																																																																																																																																																																						
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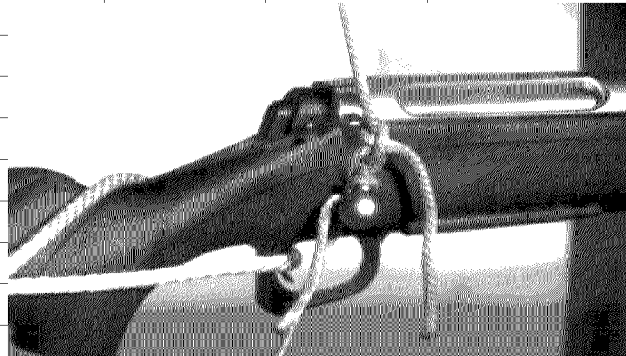
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
54				64.3	4134.49	83111												
55				64.4	4147.36	83550												
56				64.5	4160.25	83992												
57				64.6	4173.16	84435												
58				64.7	4186.09	84881												
59				64.8	4199.04	85329												
60				64.9	4212.01	85778												
61				65.0	4225.00	86231												
62				65.1	4238.01	86685												
63				65.2	4251.04	87141												
64				65.3	4264.09	87600												
65				65.4	4277.16	88060												
66				65.5	4290.25	88523												
67				65.6	4303.36	88988												
68				65.7	4316.49	89455												
69				65.8	4329.64	89924												
70				65.9	4342.81	90395												
71				66.0	4356.00	90868												
72				66.1	4369.21	91344												
73				66.2	4382.44	91821												
74				66.3	4395.69	92301												
75				66.4	4408.96	92783												
76				66.5	4422.25	93267												
77				66.6	4435.56	93753												
78				66.7	4448.89	94241												
79				66.8	4462.24	94732												
80				66.9	4475.61	95224												
81				67.0	4489.00	95719												
82				67.1	4502.41	96216												
83				67.2	4515.84	96715												
84				67.3	4529.29	97216												
85				67.4	4542.76	97719												
86				67.5	4556.25	98224												
87				67.6	4569.76	98731												
88				67.7	4583.29	99241												
89				67.8	4596.84	99753												
90				67.9	4610.41	100266												
91				68.0	4624.00	100782												
92				68.1	4637.61	101300												
93				68.2	4651.24	101821												
94				68.3	4664.89	102343												
95				68.4	4678.56	102867												
96				68.5	4692.25	103394												
97				68.6	4705.96	103923												
98				68.7	4719.69	104453												
99				68.8	4733.44	104986												
100				68.9	4747.21	105521												
101				69.0	4761.00	106059												
102				69.1	4774.81	106598												
103				69.2	4788.64	107139												
104				69.3	4802.49	107683												
105				69.4	4816.36	108229												
106				69.5	4830.25	108777												
107				69.6	4844.16	109327												
108				69.7	4858.09	109879												
109				69.8	4872.04	110433												
110				69.9	4886.01	110989												
111				70.0	4900.00	111548												
112				70.1	4914.01	112109												
113				70.2	4928.04	112671												
114				70.3	4942.09	113236												
115				70.4	4956.16	113803												
116				70.5	4970.25	114372												

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
117				70.6	4984.36	114944												
118				70.7	4998.49	115517												
119				70.8	5012.64	116093												
120				70.9	5026.81	116670												
121				71.0	5041.00	117250												
122				71.1	5055.21	117832												
123				71.2	5069.44	118416												
124				71.3	5083.69	119002												
125				71.4	5097.96	119590												
126				71.41	5099.39	119649												
127				71.42	5100.82	119708												
128				71.43	5102.24	119767												
129				71.44	5103.67	119826												
130				71.45	5105.10	119885												
131				71.46	5106.53	119944												
132				71.47	5107.96	120004	<<<---USE LOAD OF 71.5 GRAINS IMR 3031 POWDER (Lot # E97AU19L1500)											
133				71.48	5109.39	120063												
134				71.49	5110.82	120122												
135				71.50	5112.25	120181												
136																		
137																		
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	770 Stainless Steel Barrels Strains													
2	Tir 2305	Gage 1		Gage 2		Notes:				SAAMI	SAAMI	SAAMI	SAAMI	SAAMI
3	Date	Hoop		Axial				Time		Hoop Shot 1	Axial Shot 1	Hoop Shot 2	Axial Shot 2	Axial Shot 3
4	2-Aug-07	Max	Min	Max	Min			Seconds		microstrain	microstrain	microstrain	microstrain	microstrain
5	1	650	-41	347	-38	SAAMI		Max		650.01	346.93	620.40	327.58	631.23
6	2	620	-40	328	-96	SAAMI		Min		-40.52	-37.85	-40.45	-95.61	-25.35
7	3	631	-25	338	-72	SAAMI								-72.05
8	4	907	-11	452	-53	Proof		-004990		-4.57	3.51	-6.19	4.39	-8.70
9	5	887	-16	455	-65	Proof		-004980		-3.25	5.28	-6.71	4.91	-10.17
10	6	907	-9	524	-136	Proof		-004970		-3.25	3.95	-8.18	6.02	-10.24
11	7	1515	27	458	-284	Hi-Press 120k / 71.5 grains		-004960		-4.65	2.03	-8.62	8.23	-9.73
12	Avg	627	-26	337	-31	SAAMI		-004950		-4.06	2.99	-9.73	7.42	-9.58
13	Avg	900	-5	471	-50	Proof		-004940		-2.66	3.21	-8.99	6.46	-9.73
14	Microstains	Microstains	Microstains	Microstains	Microstains			-004930		-2.29	1.73	-8.03	5.50	-10.02
15	> Somat System							-004920		-4.72	-0.4	-6.27	7.27	-10.17
16	> Gun: 300WM / A9 - 71378962							-004910		-5.16	.11	-5.90	7.35	-10.02
17	> Trig level 100ue							-004900		-5.01	.11	-5.60	6.98	-11.13
18								-004890		-4.72	.70	-7.37	5.57	-10.69
19								-004880		-5.16	1.73	-7.37	5.35	-9.21
20								-004870		-3.84	3.95	-7.37	5.28	-9.36
21								-004860		-3.84	4.54	-6.78	6.46	-11.72
22								-004850		-5.53	3.80	-8.18	7.35	-11.79
23								-004840		-7.45	2.92	-8.99	9.27	-10.69
24								-004830		-6.93	2.69	-10.02	8.75	-10.54
25								-004820		-6.34	1.73	-8.62	7.57	-11.79
26								-004810		-6.71	1.14	-7.15	5.57	-9.95
27								-004800		-6.63	1.81	-6.05	6.02	-9.80
28								-004790		-4.28	3.51	-6.34	6.76	-11.64
29								-004780		-3.47	3.21	-5.46	8.16	-13.41
30								-004770		-4.57	2.47	-5.82	7.20	-12.38
31								-004760		-6.41	3.36	-7.00	5.57	-10.69
32								-004750		-6.63	4.69	-8.40	4.69	-9.80
33								-004740		-6.71	2.77	-8.18	5.57	-12.09
34								-004730		-5.16	1.00	-8.26	5.94	-14.00
35								-004720		-3.39	2.55	-8.03	6.02	-13.34
36								-004710		-3.98	5.06	-7.96	6.39	-11.50
37								-004700		-7.37	3.58	-8.18	7.57	-10.91
38								-004690		-7.37	2.55	-9.88	6.98	-11.42
39								-004680		-5.46	2.40	-8.84	7.86	-10.91
40								-004670		-4.35	3.58	-7.59	7.20	-9.21
41								-004660		-6.41	2.40	-6.19	7.64	-9.73
42								-004650		-6.19	2.47	-6.56	7.64	-10.02
43								-004640		-5.90	2.92	-5.46	8.09	-8.99
44								-004630		-5.31	3.95	-6.56	7.42	-7.89
45								-004620		-3.76	3.73	-8.33	7.64	-10.83
46								-004610		-1.92	3.58	-9.14	7.79	-12.53
47								-004600		-1.92	3.14	-7.30	8.31	-12.01
48								-004590		-4.20	1.88	-6.93	7.86	-9.36
49								-004580		-6.78	1.14	-7.67	8.82	-8.70
50								-004570		-6.86	1.73	-9.36	8.68	-8.77
51								-004560		-5.60	3.14	-9.43	7.79	-9.58
52								-004550		-5.60	4.54	-8.99	5.94	-10.02
53								-004540		-6.93	3.95	-5.82	6.46	-12.31
54								-004530		-6.34	2.62	-5.16	7.35	-13.19
55								-004520		-3.98	1.73	-6.63	9.12	-11.05
56								-004510		-3.10	1.88	-9.43	8.97	-8.99
								-004500		-6.19	1.65	-10.32	8.53	-9.43



	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1	Modified Data													
2	Proof	Proof	Proof	Proof	Proof	Proof	Time	Hi-Press	Hi-Press	SAAMI	SAAMI	Proof	Proof	
3	Hoop Shot 4	Axial Shot 4	Hoop Shot 5	Axial Shot 5	Hoop Shot 6	Axial Shot 6	Seconds	Hoop Shot 7	Axial Shot 7	Hoop Avg	Axial Avg	Hoop Avg	Axial Avg	
4	microstrain	microstrain	microstrain	microstrain	microstrain	microstrain		microstrain	microstrain	stain	stain	stain	stain	
5	907.47	451.81	886.77	455.06	907.25	523.67	Max	1515.07	458.43	626.76	337.43	900.50	470.76	
6	-19.45	-52.92	-16.14	-65.18	-8.99	-135.93	Min	5.16	-284.11	-25.84	-30.98	-10.32	-50.09	
7	-8.55	3.65	-4.94	-1.37	-4.28	1.96	-004990	6.34	4.96	-6.49	4.71	-5.92	1.41	
8	-11.79	2.62	-3.39	-1.07	-2.07	3.21	-004980	7.37	6.44	-6.71	5.57	-5.75	1.59	
9	-15.11	.92	-2.07	1.36	-2.80	1.66	-004970	9.58	6.29	-7.22	5.30	-6.66	1.32	
10	-15.25	.92	-3.76	2.47	-4.13	-.33	-004960	10.68	4.15	-7.67	5.62	-7.72	1.02	
11	-13.12	3.58	-4.20	3.65	-3.32	-.78	-004950	9.87	3.19	-7.79	6.21	-6.88	2.15	
12	-12.38	4.84	-3.98	2.77	-1.40	1.88	-004940	8.84	4.37	-7.13	5.57	-5.92	3.16	
13	-12.60	2.92	-4.13	.55	-2.14	2.77	-004930	8.25	4.37	-6.78	4.07	-6.29	2.08	
14	-11.28	2.47	-6.12	-.78	-3.03	1.88	-004920	10.24	4.22	-7.05	4.39	-6.81	1.19	
15	-9.43	3.65	-6.19	1.07	-3.61	-.04	-004910	9.43	3.19	-7.03	5.01	-6.41	1.56	
16	-10.17	3.65	-5.31	2.25	-2.80	.33	-004900	9.06	4.89	-7.25	4.17	-6.09	2.08	
17	-11.50	2.69	-2.66	2.32	-2.36	1.81	-004890	7.66	5.26	-7.59	3.90	-5.51	2.28	
18	-11.64	2.99	-1.77	2.03	-3.25	2.10	-004880	8.91	5.70	-7.25	4.89	-5.55	2.37	
19	-11.57	2.77	-1.92	4.10	-5.60	.55	-004870	9.65	5.18	-6.88	5.48	-6.36	2.47	
20	-12.01	1.73	-3.98	4.32	-5.46	.70	-004860	8.55	5.40	-7.45	5.01	-7.15	2.25	
21	-11.35	2.62	-4.28	3.14	-4.57	.55	-004850	7.07	7.25	-8.50	5.48	-6.73	2.10	
22	-10.83	3.21	-5.01	.55	-3.76	-.48	-004840	8.10	7.62	-9.04	6.63	-6.54	1.09	
23	-9.95	1.59	-4.79	-.11	-4.06	-.63	-004830	9.87	4.66	-9.16	6.26	-6.27	.28	
24	-10.24	.70	-4.43	1.44	-3.39	2.62	-004820	11.79	2.82	-8.92	4.66	-6.02	1.59	
25	-11.20	2.92	-3.17	4.32	-2.80	3.06	-004810	9.28	2.67	-7.94	4.00	-5.73	3.43	
26	-13.41	4.39	-5.01	3.80	-2.44	.26	-004800	7.74	5.26	-7.49	4.76	-6.95	2.82	
27	-12.68	4.47	-4.94	2.69	-3.32	-1.96	-004790	7.81	6.07	-7.42	5.65	-6.98	1.73	
28	-11.87	2.40	-4.28	.92	-2.88	-.41	-004780	9.50	6.14	-7.45	5.55	-6.34	.97	
29	-11.94	1.36	-1.70	1.44	-2.51	.85	-004770	9.58	5.11	-7.59	4.93	-5.38	1.22	
30	-13.04	2.40	-1.92	1.44	-1.55	2.25	-004760	8.84	4.22	-8.03	4.79	-5.51	2.03	
31	-11.72	4.54	-2.68	1.88	-2.66	1.07	-004750	8.55	6.14	-8.28	4.76	-5.65	2.50	
32	-9.88	3.06	-4.13	1.36	-3.10	-.19	-004740	7.22	7.77	-8.99	3.95	-5.70	1.41	
33	-10.32	-.63	-5.09	2.62	-2.44	-.70	-004730	6.85	7.47	-9.14	3.21	-5.95	.43	
34	-9.95	-.41	-5.82	2.55	-.89	1.29	-004720	10.31	5.33	-8.26	4.00	-5.55	1.14	
35	-8.99	2.77	-4.65	2.84	-2.07	2.18	-004710	12.82	3.63	-7.81	5.16	-5.24	2.60	
36	-11.42	4.02	-2.95	2.77	-3.17	1.96	-004700	12.89	4.96	-8.82	4.79	-5.85	2.92	
37	-14.59	2.55	-1.99	3.95	-4.13	-.04	-004690	10.46	5.55	-9.56	4.12	-6.91	2.15	
38	-13.71	2.84	-4.06	3.14	-4.28	-.04	-004680	10.68	6.95	-8.40	4.74	-7.35	1.98	
39	-11.42	3.65	-5.46	.55	-5.31	-.19	-004670	9.95	5.70	-7.05	4.91	-7.40	1.34	
40	-11.50	2.77	-4.65	-1.22	-3.84	-.63	-004660	10.02	4.37	-7.45	3.78	-6.66	.31	
41	-11.20	2.10	-2.22	.85	-1.63	-1.52	-004650	10.17	4.30	-7.59	3.90	-5.01	.48	
42	-9.73	2.77	-3.10	1.29	-1.18	.40	-004640	10.31	6.44	-6.78	5.18	-4.67	1.49	
43	-8.99	3.95	-3.47	.55	-2.22	2.69	-004630	9.28	7.32	-6.59	6.24	-4.89	2.40	
44	-11.35	3.06	-3.25	-.48	-1.77	2.99	-004620	9.80	7.40	-7.64	5.62	-5.46	1.86	
45	-13.26	2.40	-1.85	.77	-2.36	1.07	-004610	9.43	5.77	-7.86	5.75	-5.82	1.41	
46	-12.90	1.88	-3.54	1.73	-3.17	.63	-004600	9.87	5.11	-7.08	6.07	-6.54	1.41	
47	-11.79	3.80	-4.43	2.77	-5.31	.18	-004590	8.99	3.85	-6.83	5.21	-7.18	2.25	
48	-12.38	5.13	-5.16	1.59	-4.87	1.00	-004580	9.80	4.00	-7.72	4.54	-7.47	2.57	
49	-12.53	5.21	-3.39	1.22	-2.80	1.66	-004570	9.13	4.07	-8.33	5.18	-6.24	2.69	
50	-12.75	3.14	-2.88	.77	-2.36	1.22	-004560	9.28	5.26	-8.21	6.04	-6.00	1.71	
51	-11.13	3.65	-3.32	1.44	-6.05	-1.81	-004550	9.87	5.85	-8.21	5.82	-6.83	1.09	
52	-10.61	3.80	-5.01	.55	-7.30	-2.18	-004540	11.57	6.22	-8.35	4.81	-7.64	.72	
53	-12.01	2.03	-2.80	-.33	-5.31	.11	-004530	11.34	6.07	-8.23	4.47	-6.71	.60	
54	-13.26	.40	-2.07	-.78	-3.54	1.44	-004520	10.17	5.48	-7.22	5.43	-6.29	.36	
55	-11.79	1.66	-3.10	.85	-4.13	-.92	-004510	10.09	5.18	-7.18	5.87	-6.34	.53	
56	-10.32	3.88	-4.13	2.62	-3.25	-1.00	-004500	10.76	5.11	-8.65	5.11	-5.90	1.83	

	AC	AD	AE	AF	AG	AH
1						
2		Gages@H1_4538.RN_1_Burst_1	Gages@H1_4538.RN_1_Burst_2	Gages@H1_4538.RN_1_Burst_3	Gages@H1_4538.RN_1_Burst_4	Gages@H1_4538.RN_1_Burst_5
3	Time	H1_4538	H1_4538	H1_4538	H1_4538	H1_4538
4	Seconds	microstrain	microstrain	microstrain	microstrain	microstrain
5	0	-4.57237959	-6.19300842	-8.69761658	-8.55028629	-4.94070435
6	0.00001	-3.24641085	-6.70866299	-10.1709156	-11.79154396	-3.39374065
7	0.00002	-3.24641085	-8.18196201	-10.24458027	-15.10646629	-2.06777191
8	0.00003	-4.64604473	-8.62395191	-9.7289257	-15.25379658	-3.76206541
9	0.00004	-4.05672503	-9.7289257	-9.58159542	-13.1175127	-4.20405531
10	0.00005	-2.65709138	-8.99227619	-9.7289257	-12.38086319	-3.98306036
11	0.00006	-2.28876662	-8.03463173	-10.02358532	-12.60185814	-4.13039017
12	0.00007	-4.71970987	-6.26667356	-10.1709156	-11.2758894	-6.11934376
13	0.00008	-5.1616993	-5.89834881	-10.02358532	-9.43426609	-6.19300842
14	0.00009	-5.01436949	-5.60368919	-11.12855911	-10.1709156	-5.3090291
15	0.0001	-4.71970987	-7.37164736	-10.68657017	-11.49688435	-2.65709138
16	0.00011	-5.1616993	-7.37164736	-9.21327114	-11.64421368	-1.77311206
17	0.00012	-3.83573031	-7.37164736	-9.36060143	-11.57054901	-1.92044199
18	0.00013	-3.83573031	-6.78232813	-11.7178793	-12.01253891	-3.98306036
19	0.00014	-5.53002405	-8.18196201	-11.79154396	-11.34955406	-4.27771997
20	0.00015	-7.4453125	-8.99227619	-10.68657017	-10.8338995	-5.01436949
21	0.00016	-6.92965794	-10.02358532	-10.53923988	-9.94992065	-4.79337454
22	0.00017	-6.34033823	-8.62395191	-11.79154396	-10.24458027	-4.42504978
23	0.00018	-6.70866299	-7.15065289	-9.94992065	-11.20222473	-3.17274594
24	0.00019	-6.63499832	-6.04567862	-9.80259037	-13.41217232	-5.01436949
25	0.0002	-4.27771997	-6.34033823	-11.64421368	-12.67552376	-4.94070435
26	0.00021	-3.4674058	-5.45635891	-13.41217232	-11.86520863	-4.27771997
27	0.00022	-4.57237959	-5.82468367	-12.38086319	-11.93887424	-1.69944715
28	0.00023	-6.41400337	-7.00332308	-10.68657017	-13.04384804	-1.92044199
29	0.00024	-6.63499832	-8.40295696	-9.80259037	-11.7178793	-2.58342648
30	0.00025	-6.70866299	-8.18196201	-12.08620358	-9.87625599	-4.13039017
31	0.00026	-5.1616993	-8.25562668	-14.0014925	-10.31824493	-5.08803463
32	0.00027	-3.39374065	-8.03463173	-13.33850765	-9.94992065	-5.82468367
33	0.00028	-3.98306036	-7.96096706	-11.49688435	-8.99227619	-4.64604473
34	0.00029	-7.37164736	-8.18196201	-10.90756512	-11.42321968	-2.95175099
35	0.0003	-7.37164736	-9.87625599	-11.42321968	-14.59081173	-1.99410689
36	0.00031	-5.45635891	-8.84494591	-10.90756512	-13.70683289	-4.05672503
37	0.00032	-4.35138512	-7.59264231	-9.21327114	-11.42321968	-5.45635891
38	0.00033	-6.41400337	-6.19300842	-9.7289257	-11.49688435	-4.64604473
39	0.00034	-6.19300842	-6.56133318	-10.02358532	-11.20222473	-2.21510172
40	0.00035	-5.89834881	-5.45635891	-8.99227619	-9.7289257	-3.09908104
41	0.00036	-5.3090291	-6.56133318	-7.88730192	-8.99227619	-3.4674058
42	0.00037	-3.76206541	-8.32929134	-10.8338995	-11.34955406	-3.24641085
43	0.00038	-1.92044199	-9.13960648	-12.52819347	-13.26484299	-1.84677696
44	0.00039	-1.92044199	-7.29798269	-12.01253891	-12.89651775	-3.5410707
45	0.0004	-4.20405531	-6.92965794	-9.36060143	-11.79154396	-4.42504978
46	0.00041	-6.78232813	-7.66630745	-8.69761658	-12.38086319	-5.1616993
47	0.00042	-6.85599279	-9.36060143	-8.77128124	-12.52819347	-3.39374065
48	0.00043	-5.60368919	-9.43426609	-9.58159542	-12.74918842	-2.87808609
49	0.00044	-5.60368919	-8.99227619	-10.02358532	-11.12855911	-3.32007575
50	0.00045	-6.92965794	-5.82468367	-12.30719852	-10.61290455	-5.01436949
51	0.00046	-6.34033823	-5.1616993	-13.19117832	-12.01253891	-2.80442119
52	0.00047	-3.98306036	-6.63499832	-11.05489445	-13.26484299	-2.06777191
53	0.00048	-3.09908104	-9.43426609	-8.99227619	-11.79154396	-3.09908104
54	0.00049	-6.19300842	-10.31824493	-9.43426609	-10.31824493	-4.13039017
55	0.0005	-8.25562668	-10.46557522	-10.98122978	-11.57054901	-2.14143682
56	0.00051	-5.89834881	-7.4453125	-11.49688435	-11.79154396	-2.65709138

	AI	AJ	AK	AL	AM	AN
1	RAW Data					
2	Gages@H1_4538.RN_1_Burst_6	Gages@A1_4691.RN_1_Burst_1	Gages@A1_4691.RN_1_Burst_2	Gages@A1_4691.RN_1_Burst_3	Gages@A1_4691.RN_1_Burst_4	Gages@A1_4691.RN_1_Burst_5
3	H1_4538	A1_4691	A1_4691	A1_4691	A1_4691	A1_4691
4	microstrain	microstrain	microstrain	microstrain	microstrain	microstrain
5	-4.27771997	3.50656581	4.39282417	6.23919535	3.65427542	-1.36785424
6	-2.06777191	5.2790823	4.90980816	6.53461456	2.62030768	-1.07243478
7	-2.80442119	3.94969487	6.01763058	5.94377565	0.92164612	1.36477518
8	-4.13039017	2.02946877	8.23327637	6.60846949	0.92164612	2.47259784
9	-3.32007575	2.98958182	7.42087269	8.23327637	3.58042073	3.65427542
10	-1.4047873	3.21114635	6.46075964	7.05159855	4.83595324	2.76801729
11	-2.14143682	1.73404944	5.50064659	4.98366261	2.9157269	0.55237186
12	-3.02541614	-0.03846694	7.27316332	5.94377565	2.47259784	-0.77701545
13	-3.6147356	0.10924275	7.34701777	7.56858253	3.65427542	1.06935585
14	-2.80442119	0.10924275	6.97774363	5.42679167	3.65427542	2.25103331
15	-2.36243153	0.70008153	5.57450151	5.42679167	2.69416237	2.32488823
16	-3.24641085	1.73404944	5.35293722	7.56858253	2.98958182	2.02946877
17	-5.60368919	3.94969487	5.2790823	7.1993084	2.76801729	4.09740448
18	-5.45635891	4.54053354	6.46075964	4.02354956	1.73404944	4.31896925
19	-4.57237959	3.80198526	7.34701777	5.2790823	2.62030768	3.13729167
20	-3.76206541	2.9157269	9.26724434	7.71629238	3.21114635	0.55237186
21	-4.05672503	2.69416237	8.75026035	7.34701777	1.58633971	-0.11232179
22	-3.39374065	1.73404944	7.56858253	4.68824339	0.70008153	1.43862998
23	-2.80442119	1.14321065	5.57450151	5.2790823	2.9157269	4.31896925
24	-2.43609643	1.80790424	6.01763058	6.46075964	4.39282417	3.80198526
25	-3.32007575	3.50656581	6.75617933	6.68232441	4.46667862	2.69416237
26	-2.87808609	3.21114635	8.15942097	5.2790823	2.39874315	0.92164612
27	-2.50976157	2.47259784	7.1993084	5.13137245	1.36477518	1.43862998
28	-1.55211723	3.3588562	5.57450151	5.42679167	2.39874315	1.43862998
29	-2.65709138	4.68824339	4.68824339	4.90980816	4.54053354	1.88175917
30	-3.09908104	2.76801729	5.57450151	3.50656581	3.06343675	1.36477518
31	-2.43609643	0.99550092	5.94377565	2.69416237	-0.62930572	2.62030768
32	-0.88913274	2.54645276	6.01763058	3.43271089	-0.40774119	2.54645276
33	-2.06777191	5.05751753	6.38690472	4.02354956	2.76801729	2.84187222
34	-3.17274594	3.58042073	7.56858253	3.21114635	4.02354956	2.76801729
35	-4.13039017	2.54645276	6.97774363	2.84187222	2.54645276	3.94969487
36	-4.27771997	2.39874315	7.86400175	3.94969487	2.84187222	3.13729167
37	-5.3090291	3.58042073	7.1993084	3.94969487	3.65427542	0.55237186
38	-3.83573031	2.39874315	7.64243746	1.29092038	2.76801729	-1.22014451
39	-1.62578213	2.47259784	7.64243746	1.58633971	2.1033237	0.84779125
40	-1.18379247	2.9157269	8.08556652	4.54053354	2.76801729	1.29092038
41	-2.21510172	3.94969487	7.42087269	7.34701777	3.94969487	0.55237186
42	-1.77311206	3.72813034	7.64243746	5.50064659	3.06343675	-0.48159602
43	-2.36243153	3.58042073	7.79014683	5.86992073	2.39874315	0.77393639
44	-3.17274594	3.13729167	8.30713081	6.75617933	1.88175917	1.73404944
45	-5.3090291	1.88175917	7.86400175	5.86992073	3.80198526	2.76801729
46	-4.86703968	1.14321065	8.8241148	3.65427542	5.13137245	1.58633971
47	-2.80442119	1.73404944	8.67640495	5.13137245	5.20522738	1.21706545
48	-2.36243153	3.13729167	7.79014683	7.1993084	3.13729167	0.77393639
49	-6.04567862	4.54053354	5.94377565	6.97774363	3.65427542	1.43862998
50	-7.29798269	3.94969487	6.46075964	4.02354956	3.80198526	0.55237186
51	-5.3090291	2.62030768	7.34701777	3.43271089	2.02946877	-0.33388633
52	-3.5410707	1.73404944	9.11953449	5.42679167	0.40466216	-0.77701545
53	-4.13039017	1.88175917	8.97182465	6.75617933	1.66019464	0.84779125
54	-3.24641085	1.66019464	8.52869511	5.13137245	3.87583995	2.62030768
55	-2.87808609	1.43862998	7.12545347	2.98958182	3.21114635	3.87583995
56	-3.24641085	2.9157269	6.75617933	3.80198526	0.99550092	2.9157269

	AO	AP	AQ	AR	AS	AT
1						
2	Gages@A1_4691.RN_1_Burst_6	Gages@H1_4538.RN_2_Burst_1	Gages@A1_4691.RN_2_Burst_1	SAAMI Hoop Avg	Proof Hoop Avg	SAAMI Axial Avg
3	A1_4691	H1_4538	A1_4691	Computed	Computed	Computed
4	microstrain	microstrain	microstrain	stain	stain	stain
5	1.95561397	6.3355279	4.96018124	-6.48766804	-5.92290354	4.71286201
6	3.21114635	7.36683702	6.43727827	-6.70866299	-5.751019	5.57450151
7	1.66019464	9.57678509	6.28956842	-7.22431755	-6.65955305	5.30370045
8	-0.33388633	10.68175983	4.14777803	-7.66630745	-7.71541739	5.62373829
9	-0.77701545	9.87144566	3.18766499	-7.78908205	-6.880548	6.21457672
10	1.88175917	8.84013653	4.3693428	-7.12609768	-5.92290354	5.57450151
11	2.76801729	8.25081635	4.3693428	-6.78232765	-6.29122829	4.07278633
12	1.88175917	10.23976994	4.22163296	-7.05243301	-6.80688286	4.39282417
13	-0.03846694	9.42945576	3.18766499	-7.02787781	-6.41400337	5.00828123
14	0.3308073	9.06113052	4.88632631	-7.24887276	-6.09478855	4.1712594
15	1.80790424	7.66149712	5.25560093	-7.59264231	-5.50546932	3.90045834
16	2.1033237	8.91380119	5.69872999	-7.24887276	-5.55457878	4.88518953
17	0.55237186	9.65045071	5.18174601	-6.85599327	-6.36489344	5.47602844
18	0.70008153	8.54547596	5.4033103	-7.4453125	-7.15065289	5.00828075
19	0.55237186	7.07217741	7.24968147	-8.50117683	-6.73321772	5.47602844
20	-0.48159602	8.10348701	7.61895609	-9.0413866	-6.53677797	6.63308811
21	-0.62930572	9.87144566	4.66476202	-9.16416073	-6.26667356	6.2638135
22	2.62030768	11.78673363	2.81839085	-8.91861153	-6.02112341	4.66362524
23	3.06343675	9.28212547	2.670681	-7.93641233	-5.72646379	3.99893141
24	0.25695246	7.73516178	5.25560093	-7.49442244	-6.95421267	4.76209831
25	-1.95869303	7.80882692	6.06800413	-7.42075729	-6.97876787	5.64835644
26	-0.40774119	9.50312042	6.14185905	-7.4453125	-6.34033823	5.54988337
27	0.84779125	9.57678509	5.10789108	-7.59264231	-5.38269424	4.93442631
28	2.25103331	8.84013653	4.22163296	-8.03463173	-5.50546932	4.78671646
29	1.06935585	8.54547596	6.14185905	-8.28018188	-5.65279913	4.76209831
30	-0.18617664	7.21950722	7.76666546	-8.99227619	-5.70190907	3.94969487
31	-0.70316058	6.85118246	7.47124624	-9.13960648	-5.94745874	3.21114635
32	1.29092038	10.3134346	5.32945538	-8.25562668	-5.55457878	3.99893141
33	2.17717862	12.81804276	3.63079405	-7.81363726	-5.23536444	5.1559906
34	1.95561397	12.89170742	4.96018124	-8.82039165	-5.84923887	4.78671646
35	-0.03846694	10.46076488	5.55102015	-9.55704117	-6.90510273	4.12202263
36	-0.03846694	10.68175983	6.95426226	-8.40295696	-7.34709263	4.73748016
37	-0.18617664	9.94511032	5.69872999	-7.05243301	-7.39620256	4.90980816
38	-0.62930572	10.01877499	4.3693428	-7.4453125	-6.65955305	3.77736712
39	1.51556396	10.16610527	4.29548788	-7.59264231	-5.01436949	3.90045834
40	0.40466216	10.3134346	6.43727827	-6.78232813	-4.67059994	5.18060875
41	2.69416237	9.28212547	7.3235364	-6.58588791	-4.89159441	6.23919487
42	2.98958182	9.79778004	7.39739132	-7.64175224	-5.45635891	5.62373829
43	1.06935585	9.42945576	5.77258492	-7.86274719	-5.82468367	5.74682951
44	0.62622672	9.87144566	5.10789108	-7.07698774	-6.53677797	6.06686735
45	0.1830976	8.98746586	3.85235858	-6.83143806	-7.17520761	5.20522738
46	0.99550092	9.79778004	4.00006819	-7.71541739	-7.46986723	4.54053354
47	1.66019464	9.13479614	4.07392311	-8.3292923	-6.24211836	5.18060875
48	1.21706545	9.28212547	5.25560093	-8.20651722	-5.99656868	6.04224873
49	-1.8109833	9.87144566	5.84643936	-8.20651722	-6.83143806	5.82068443
50	-2.18025766	11.56573868	6.21571398	-8.35384655	-7.64175224	4.81133461
51	0.10924275	11.34474373	6.06800413	-8.23107147	-6.70866299	4.46667862
52	1.43862998	10.16610527	5.47716522	-7.22431755	-6.29122829	5.42679167
53	-0.92472512	10.09243965	5.18174601	-7.17520761	-6.34033823	5.86992121
54	-0.99857998	10.7554245	5.10789108	-8.64850616	-5.89834881	5.1067543
55	0.03538791	9.28212547	3.9262135	-9.90081024	-5.53002405	3.8512218
56	1.29092038	8.98746586	4.22163296	-8.28018188	-5.89834881	4.49129725

	AU
1	
2	SAAMI Axial Avg
3	Computed
4	stain
5	1.41401172
6	1.58633971
7	1.31553864
8	1.02011919
9	2.15256023
10	3.16190982
11	2.07870531
12	1.19244719
13	1.56172144
14	2.07870531
15	2.27565169
16	2.37412477
17	2.47259784
18	2.25103331
19	2.1033237
20	1.09397411
21	0.28157073
22	1.58633971
23	3.43271089
24	2.81725407
25	1.73404932
26	0.97088271
27	1.21706545
28	2.02946877
29	2.49721622
30	1.41401172
31	0.42928046
32	1.14321065
33	2.5956893
34	2.9157269
35	2.15256023
36	1.98023236
37	1.34015691
38	0.30618903
39	0.478517
40	1.48786664
41	2.39874315
42	1.8571409
43	1.41401184
44	1.41401172
45	2.25103331
46	2.57107115
47	2.69416237
48	1.70943117
49	1.09397399
50	0.72469985
51	0.6016084
52	0.35542557
53	0.52775359
54	1.83252251
55	2.37412477
56	1.73404944

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
57								-004490	-8.26	1.44	-10.47	7.13	-10.98	2.99
58								-004480	-5.90	2.92	-7.45	6.76	-11.50	3.80
59								-004470	-3.25	6.39	-5.38	6.46	-11.35	6.46
60								-004460	-4.20	5.43	-5.60	7.13	-11.20	6.90
61								-004450	-4.43	2.47	-8.84	7.49	-11.05	5.72
62								-004440	-4.35	.48	-8.70	8.90	-10.91	5.43
63								-004430	-4.87	2.69	-7.67	8.53	-8.99	6.83
64								-004420	-7.81	3.29	-6.19	7.64	-7.81	7.27
65								-004410	-7.67	2.92	-7.08	6.09	-7.52	7.49
66								-004400	-5.60	2.40	-7.08	6.17	-9.80	6.68
67								-004390	-3.47	3.73	-7.52	6.98	-10.61	7.27
68								-004380	-3.32	4.17	-6.12	8.60	-10.54	6.98
69								-004370	-4.13	3.36	-5.90	7.94	-9.73	6.90
70								-004360	-4.06	2.84	-5.16	8.16	-9.51	6.31
71								-004350	-3.39	3.58	-5.82	7.49	-8.55	6.76
72								-004340	-5.01	2.92	-7.00	6.46	-9.43	6.09
73								-004330	-5.60	2.47	-8.40	4.54	-9.51	6.46
74								-004320	-5.09	2.55	-8.48	4.69	-10.24	6.90
75								-004310	-4.43	2.62	-8.26	5.21	-10.02	7.72
76								-004300	-4.79	1.59	-7.00	5.60	-11.05	6.46
77								-004290	-5.01	1.44	-8.11	5.28	-11.28	6.61
78								-004280	-4.20	3.29	-8.92	6.31	-10.91	7.27
79								-004270	-3.69	4.25	-8.26	6.02	-10.83	6.90
80								-004260	-3.98	3.06	-5.31	5.35	-12.38	5.21
81								-004250	-3.54	2.47	-5.01	5.13	-12.97	4.39
82								-004240	-3.25	3.06	-6.86	6.98	-11.57	2.99
83								-004230	-4.28	3.65	-9.14	7.94	-9.88	2.77
84								-004220	-7.00	2.32	-9.43	8.23	-10.32	4.47
85								-004210	-7.00	3.21	-9.36	8.16	-10.54	6.61
86								-004200	-4.87	4.02	-8.84	8.53	-10.17	6.02
87								-004190	-3.10	3.65	-9.43	7.49	-10.17	4.10
88								-004180	-5.24	1.29	-9.43	6.68	-10.91	3.21
89								-004170	-6.34	1.22	-11.05	6.17	-9.58	4.84
90								-004160	-5.31	2.03	-9.66	7.64	-10.10	5.28
91								-004150	-3.25	2.62	-7.52	8.68	-11.13	5.28
92								-004140	-3.39	2.47	-5.46	8.75	-12.09	6.02
93								-004130	-5.09	2.92	-6.63	6.46	-12.75	6.90
94								-004120	-5.60	3.29	-7.52	6.17	-12.53	5.65
95								-004110	-4.20	3.14	-7.37	7.35	-9.58	5.43
96								-004100	-4.72	3.36	-7.30	7.27	-8.55	4.98
97								-004090	-6.41	4.25	-9.21	5.35	-10.39	4.98
98								-004080	-6.12	3.29	-10.17	6.02	-12.90	4.84
99								-004070	-4.72	1.51	-8.84	8.09	-12.01	6.39
100								-004060	-5.09	.55	-7.96	8.62	-9.51	6.90
101								-004050	-5.46	1.96	-11.35	6.39	-8.77	5.57
102								-004040	-4.65	4.47	-11.50	7.20	-9.51	4.10
103								-004030	-3.69	5.65	-9.88	9.19	-10.24	4.54
104								-004020	-4.72	2.25	-8.70	10.89	-11.13	6.53
105								-004010	-5.75	.55	-8.99	10.23	-11.28	7.72
106								-004000	-5.53	1.66	-8.40	9.93	-11.35	7.64
107								-003990	-3.76	3.88	-8.55	8.31	-11.64	6.53
108								-003980	-4.79	2.99	-9.36	7.27	-12.53	4.54
109								-003970	-6.78	.85	-9.58	7.79	-12.23	4.91
110								-003960	-7.00	-.19	-8.26	8.62	-11.94	5.94
111								-003950	-3.47	2.18	-7.37	7.64	-10.91	5.87
112								-003940	-2.36	4.25	-6.78	6.39	-9.58	4.84
113								-003930	-3.98	4.25	-7.30	6.31	-7.52	6.02
114								-003920	-5.24	3.51	-7.81	6.83	-9.14	6.17
115								-003910	-4.43	4.32	-7.52	6.98	-11.20	5.06

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
57	-11.57	3.21	-2.14	3.88	-2.88	.04	-004490	9.28	3.93	-9.90	3.85	-5.53	2.37	
58	-11.79	1.00	-2.66	2.92	-3.25	1.29	-004480	8.99	4.22	-8.28	4.49	-5.90	1.73	
59	-10.83	1.44	-5.75	.92	-5.01	.33	-004470	7.96	4.89	-6.66	6.44	-7.20	.90	
60	-10.76	3.36	-7.00	.04	-4.35	.70	-004460	7.51	6.14	-7.00	6.49	-7.37	1.36	
61	-11.57	4.84	-5.16	1.73	-3.39	1.14	-004450	8.91	6.22	-8.11	5.23	-6.71	2.57	
62	-12.23	4.17	-5.01	2.32	-1.63	2.40	-004440	10.98	4.66	-7.99	4.93	-6.29	2.96	
63	-12.68	2.55	-3.61	2.03	-2.95	1.73	-004430	11.93	3.19	-7.18	6.02	-6.41	2.10	
64	-12.09	.70	-2.66	1.44	-5.60	2.40	-004420	11.57	3.85	-7.27	6.07	-6.78	1.51	
65	-9.73	.77	-1.77	2.32	-6.78	2.32	-004410	9.72	4.44	-7.42	5.50	-6.09	1.81	
66	-9.43	1.29	-3.98	2.32	-4.65	.92	-004400	10.17	5.11	-7.49	5.08	-6.02	1.51	
67	-10.83	2.32	-4.43	3.29	-3.69	-1.22	-004390	10.31	4.44	-7.20	5.99	-6.32	1.46	
68	-11.50	3.06	-5.31	1.29	-4.65	-.63	-004380	11.49	6.29	-6.66	6.58	-7.15	1.24	
69	-10.91	3.43	-4.87	.11	-4.72	2.18	-004370	10.09	6.29	-6.59	6.07	-6.83	1.91	
70	-11.57	2.10	-5.46	-1.37	-3.84	2.62	-004360	8.77	5.55	-6.24	5.77	-6.95	1.12	
71	-10.76	3.14	-3.76	-.56	-4.28	-1.37	-004350	8.40	4.66	-5.92	5.94	-6.27	.40	
72	-9.88	3.73	-3.98	-.33	-3.54	-3.44	-004340	8.25	3.63	-7.15	5.16	-5.80	-.01	
73	-10.54	2.92	-3.25	1.07	-2.66	-2.48	-004330	8.99	4.22	-7.84	4.49	-5.48	.50	
74	-11.57	1.44	-3.10	1.59	-2.58	-.48	-004320	9.95	4.07	-7.94	4.71	-5.75	.85	
75	-10.91	2.47	-3.47	1.22	-5.16	-.04	-004310	10.68	4.59	-7.57	5.18	-6.51	1.22	
76	-10.17	2.99	-5.90	-.56	-5.38	1.00	-004300	10.90	5.92	-7.62	4.61	-7.15	1.14	
77	-10.17	2.32	-5.16	-.11	-3.54	1.36	-004290	8.91	5.55	-8.13	4.44	-6.29	1.19	
78	-10.61	1.44	-4.06	-.63	-1.55	1.81	-004280	8.03	4.44	-8.01	5.62	-5.41	.87	
79	-9.73	1.14	-4.20	-.70	-2.95	.18	-004270	7.81	3.19	-7.59	5.72	-5.63	.21	
80	-9.36	.63	-5.31	.26	-4.13	.18	-004260	9.58	4.74	-7.22	4.54	-6.27	.36	
81	-10.91	.63	-4.43	1.96	-4.43	.40	-004250	10.24	6.29	-7.18	4.00	-6.59	1.00	
82	-12.53	1.73	-3.25	1.51	-1.77	2.18	-004240	9.43	7.32	-7.22	4.34	-5.85	1.81	
83	-13.41	1.88	-2.36	1.88	-1.99	1.00	-004230	9.87	7.91	-7.76	4.79	-5.92	1.59	
84	-12.97	2.03	-2.88	3.21	-2.95	.04	-004220	11.49	6.73	-8.92	5.01	-6.27	1.76	
85	-11.64	3.29	-3.17	4.10	-3.17	-.78	-004210	12.16	5.70	-8.97	5.99	-6.00	2.20	
86	-12.38	3.58	-3.25	3.36	-2.22	-.11	-004200	11.05	6.07	-7.96	6.19	-5.95	2.28	
87	-12.38	2.69	-1.55	3.65	-2.66	-.19	-004190	10.02	6.14	-7.57	5.08	-5.53	2.05	
88	-12.45	1.29	-2.36	2.18	-1.70	.48	-004180	10.76	6.36	-8.53	3.73	-5.51	1.32	
89	-11.13	1.66	-3.69	1.81	-.74	.55	-004170	9.65	5.62	-8.99	4.07	-5.19	1.34	
90	-11.57	.85	-4.13	2.25	-.23	.85	-004160	9.72	4.89	-8.35	4.98	-5.31	1.32	
91	-11.35	.70	-2.73	3.88	-1.99	-.33	-004150	9.58	3.34	-7.30	5.53	-5.36	1.41	
92	-11.20	.92	-4.94	2.03	-3.32	.11	-004140	10.24	4.22	-6.98	5.75	-6.49	1.02	
93	-10.32	2.69	-6.19	1.29	-4.28	.70	-004130	10.39	6.51	-8.18	5.43	-6.93	1.56	
94	-10.47	2.99	-5.68	.55	-3.76	.85	-004120	9.72	6.66	-8.55	5.03	-6.63	1.46	
95	-11.35	3.51	-3.98	1.00	-3.84	.48	-004110	9.72	5.77	-7.05	5.30	-6.39	1.66	
96	-12.23	3.43	-4.65	-.11	-4.57	.04	-004100	9.87	4.44	-6.86	5.21	-7.15	1.12	
97	-11.79	3.95	-5.01	.55	-5.01	-.92	-004090	9.50	4.07	-8.67	4.86	-7.27	1.19	
98	-12.09	3.58	-5.46	-.26	-2.29	-.41	-004080	7.88	4.52	-9.73	4.71	-6.61	.97	
99	-11.50	4.69	-3.84	-.85	-1.04	-.63	-004070	6.26	4.37	-8.53	5.33	-5.46	1.07	
100	-12.31	3.88	-3.39	-.56	-4.06	-1.52	-004060	7.37	5.70	-7.52	5.43	-6.59	.60	
101	-13.26	2.92	-3.54	2.10	-7.89	-1.07	-004050	8.10	5.40	-8.53	4.64	-8.23	1.32	
102	-13.71	2.92	-4.57	1.73	-6.41	1.88	-004040	7.37	5.11	-8.55	5.25	-8.23	2.18	
103	-13.78	2.55	-2.36	1.88	-5.68	1.73	-004030	7.07	5.26	-7.94	6.46	-7.27	2.05	
104	-12.82	1.81	-2.22	1.22	-6.63	-.04	-004020	8.03	5.85	-8.18	6.56	-7.22	1.00	
105	-10.47	2.84	-4.60	1.73	-6.49	.11	-004010	9.95	5.55	-8.67	6.17	-7.15	1.56	
106	-9.29	3.80	-6.12	1.73	-2.07	2.69	-004000	10.02	3.78	-8.43	6.41	-5.82	2.74	
107	-10.39	2.25	-3.84	2.55	-1.40	1.59	-003990	9.95	3.56	-7.99	6.24	-5.21	2.13	
108	-10.98	1.44	-2.66	.70	-3.25	-.56	-003980	9.95	5.85	-8.89	4.93	-5.63	.53	
109	-10.17	3.06	-3.76	.18	-5.38	-1.37	-003970	7.81	6.29	-9.53	4.52	-6.44	.63	
110	-11.35	2.99	-6.78	1.59	-3.76	.55	-003960	8.10	6.14	-9.07	4.86	-7.30	1.71	
111	-12.97	1.14	-5.75	4.17	-2.51	1.44	-003950	8.77	4.66	-7.25	5.23	-7.08	2.25	
112	-14.37	.70	-2.80	3.51	-1.48	1.73	-003940	8.91	5.03	-6.24	5.16	-6.22	1.98	
113	-13.71	3.21	-.74	2.47	-2.22	.18	-003930	8.91	6.14	-6.27	5.53	-5.55	1.96	
114	-11.79	4.32	-3.25	1.73	-2.44	.40	-003920	9.13	6.51	-7.40	5.50	-5.82	2.15	
115	-10.47	3.95	-4.79	2.25	-2.44	.04	-003910	9.21	5.85	-7.72	5.45	-5.90	2.08	

	AC	AD	AE	AF	AG	AH
57	0.00052	-3.24641085	-5.38269424	-11.34955406	-10.8338995	-5.751019
58	0.00053	-4.20405531	-5.60368919	-11.20222473	-10.76023483	-7.00332308
59	0.00054	-4.42504978	-8.84494591	-11.05489445	-11.57054901	-5.1616993
60	0.00055	-4.35138512	-8.69761658	-10.90756512	-12.23353386	-5.01436949
61	0.00056	-4.86703968	-7.66630745	-8.99227619	-12.67552376	-3.6147356
62	0.00057	-7.81363726	-6.19300842	-7.81363726	-12.08620358	-2.65709138
63	0.00058	-7.66630745	-7.07698774	-7.51897764	-9.7289257	-1.77311206
64	0.00059	-5.60368919	-7.07698774	-9.80259037	-9.43426609	-3.98306036
65	0.0006	-3.4674058	-7.51897764	-10.61290455	-10.8338995	-4.42504978
66	0.00061	-3.32007575	-6.11934376	-10.53923988	-11.49688435	-5.3090291
67	0.00062	-4.13039017	-5.89834881	-9.7289257	-10.90756512	-4.86703968
68	0.00063	-4.05672503	-5.1616993	-9.50793076	-11.57054901	-5.45635891
69	0.00064	-3.39374065	-5.82468367	-8.55028629	-10.76023483	-3.76206541
70	0.00065	-5.01436949	-7.00332308	-9.43426609	-9.87625599	-3.98306036
71	0.00066	-5.60368919	-8.40295696	-9.50793076	-10.53923988	-3.24641085
72	0.00067	-5.08803463	-8.47662163	-10.24458027	-11.57054901	-3.09908104
73	0.00068	-4.42504978	-8.25562668	-10.02358532	-10.90756512	-3.4674058
74	0.00069	-4.79337454	-7.00332308	-11.05489445	-10.1709156	-5.89834881
75	0.0007	-5.01436949	-8.10829735	-11.2758894	-10.1709156	-5.1616993
76	0.00071	-4.20405531	-8.91861153	-10.90756512	-10.61290455	-4.05672503
77	0.00072	-3.68840051	-8.25562668	-10.8338995	-9.7289257	-4.20405531
78	0.00073	-3.98306036	-5.3090291	-12.36086319	-9.36060143	-5.3090291
79	0.00074	-3.5410707	-5.01436949	-12.97018337	-10.90756512	-4.42504978
80	0.00075	-3.24641085	-6.85599279	-11.57054901	-12.52819347	-3.24641085
81	0.00076	-4.27771997	-9.13960648	-9.87625599	-13.41217232	-2.36243153
82	0.00077	-7.00332308	-9.43426609	-10.31824493	-12.97018337	-2.87808609
83	0.00078	-7.00332308	-9.36060143	-10.53923988	-11.64421368	-3.17274594
84	0.00079	-4.86703968	-8.84494591	-10.1709156	-12.38086319	-3.24641085
85	0.0008	-3.09908104	-9.43426609	-10.1709156	-12.38086319	-1.55211723
86	0.00081	-5.23536444	-9.43426609	-10.90756512	-12.45452881	-2.36243153
87	0.00082	-6.34033823	-11.05489445	-9.58159542	-11.12655911	-3.68840051
88	0.00083	-5.3090291	-9.65526104	-10.09724988	-11.57054901	-4.13039017
89	0.00084	-3.24641085	-7.51897764	-11.12855911	-11.34955406	-2.73075628
90	0.00085	-3.39374065	-5.45635891	-12.08620358	-11.20222473	-4.94070435
91	0.00086	-5.08803463	-6.63498832	-12.74918842	-10.31824493	-6.19300842
92	0.00087	-5.60368919	-7.51897764	-12.52819347	-10.46557522	-5.67735386
93	0.00088	-4.20405531	-7.37164736	-9.58159542	-11.34955406	-3.98306036
94	0.00089	-4.71970987	-7.29798269	-8.55028629	-12.23353386	-4.64604473
95	0.0009	-6.41400337	-9.21327114	-10.39191055	-11.79154396	-5.01436949
96	0.00091	-6.11934376	-10.1709156	-12.89651775	-12.08620358	-5.45635891
97	0.00092	-4.71970987	-8.84494591	-12.01253891	-11.49688435	-3.83573031
98	0.00093	-5.08803463	-7.96096706	-9.50793076	-12.30719852	-3.39374065
99	0.00094	-5.45635891	-11.34955406	-8.77128124	-13.26484299	-3.5410707
100	0.00095	-4.64604473	-11.49688435	-9.50793076	-13.70683289	-4.57237959
101	0.00096	-3.68840051	-9.87625599	-10.24458027	-13.76049755	-2.36243153
102	0.00097	-4.71970987	-8.69761658	-11.12855911	-12.82285309	-2.21510172
103	0.00098	-5.751019	-8.99227619	-11.2758894	-10.46557522	-4.9871492
104	0.00099	-5.53002405	-8.40295696	-11.34955406	-9.28693581	-6.11934376
105	0.001	-3.76206541	-8.55028629	-11.64421368	-10.39191055	-3.83573031
106	0.00101	-4.79337454	-9.36060143	-12.52819347	-10.98122978	-2.65709138
107	0.00102	-6.78232813	-9.58159542	-12.23353386	-10.1709156	-3.76206541
108	0.00103	-7.00332308	-8.25562668	-11.93887424	-11.34955406	-6.78232813
109	0.00104	-3.4674058	-7.37164736	-10.90756512	-12.97018337	-5.751019
110	0.00105	-2.36243153	-6.78232813	-9.58159542	-14.36981678	-2.80442119
111	0.00106	-3.98306036	-7.29798269	-7.51897764	-13.70683289	-0.74180287
112	0.00107	-5.23536444	-7.81363726	-9.13960648	-11.79154396	-3.24641085
113	0.00108	-4.42504978	-7.51897764	-11.20222473	-10.46557522	-4.79337454
114	0.00109	-5.23536444	-6.19300842	-11.12855911	-11.42321968	-4.42504978
115	0.0011	-8.03463173	-6.70866299	-8.77128124	-12.52819347	-2.73075628

	AI	AJ	AK	AL	AM	AN
57	-5.01436949	6.38690472	6.46075964	6.46075964	1.43862998	0.92164612
58	-4.35138512	5.42679167	7.12545347	6.9038887	3.3588562	0.03538791
59	-3.39374065	2.47259784	7.49472761	5.72221136	4.83595324	1.73404944
60	-1.62578213	0.478517	8.8979702	5.42679167	4.1712594	2.32488823
61	-2.95175099	2.69416237	8.52869511	6.83003378	2.54645276	2.02946877
62	-5.60368919	3.28500128	7.64243746	7.27316332	0.70008153	1.43862998
63	-6.78232813	2.9157269	6.0914855	7.49472761	0.77393639	2.32488823
64	-4.64604473	2.39874315	6.16534042	6.68232441	1.29092038	2.32488823
65	-3.68840051	3.72813034	6.97774363	7.27316332	2.32488823	3.28500128
66	-4.64604473	4.1712594	8.60255051	6.97774363	3.06343675	1.29092038
67	-4.71970987	3.3588562	7.93785667	6.9038887	3.43271089	0.10924275
68	-3.83573031	2.84187222	8.15942097	6.31305027	2.1033237	-1.36785424
69	-4.27771997	3.58042073	7.49472761	6.75617933	3.13729167	-0.55545086
70	-3.5410707	2.9157269	6.46075964	6.0914855	3.72813034	-0.33388633
71	-2.65709138	2.47259784	4.54053354	6.46075964	2.9157269	1.06935585
72	-2.58342648	2.54645276	4.68824339	6.9038887	1.43862998	1.58633971
73	-5.1616993	2.62030768	5.20522738	7.71629238	2.47259784	1.21706545
74	-5.38269424	1.58633971	5.79606628	6.46075964	2.98958182	-0.55545086
75	-3.5410707	1.43862998	5.2790823	6.60846949	2.32488823	-0.11232179
76	-1.55211723	3.28500128	6.31305027	7.27316332	1.43862998	-0.62930572
77	-2.95175099	4.24511433	6.01763058	6.9038887	1.14321065	-0.70316058
78	-4.13039017	3.06343675	5.35293722	5.20522738	0.62622672	0.25695246
79	-4.42504978	2.47259784	5.13137245	4.39282417	0.62622672	1.95561397
80	-1.77311206	3.06343675	6.97774363	2.98958182	1.73404944	1.51248491
81	-1.99410689	3.65427542	7.93785667	2.76801729	1.88175917	1.88175917
82	-2.95175099	2.32488823	8.23327637	4.46667862	2.02946877	3.21114635
83	-3.17274594	3.21114635	8.15942097	6.60846949	3.28500128	4.09740448
84	-2.21510172	4.02354956	8.52869511	6.01763058	3.58042073	3.3588562
85	-2.65709138	3.65427542	7.49472761	4.09740448	2.69416237	3.65427542
86	-1.69944715	1.29092038	6.68232441	3.21114635	1.29092038	2.17717862
87	-0.74180287	1.21706545	6.16534042	4.83595324	1.66019464	1.80790424
88	-0.22614829	2.02946877	7.64243746	5.2790823	0.84779125	2.25103331
89	-1.99410689	2.62030768	8.67640495	5.2790823	0.70008153	3.87583995
90	-3.32007575	2.47259784	8.75026035	6.01763058	0.92164612	2.02946877
91	-4.27771997	2.9157269	6.46075964	6.9038887	2.69416237	1.29092038
92	-3.76206541	3.28500128	6.16534042	5.64835644	2.98958182	0.55237186
93	-3.83573031	3.13729167	7.34701777	5.42679167	3.50656581	0.99550092
94	-4.57237959	3.3588562	7.27316332	4.98366261	3.43271089	-0.11232179
95	-5.01436949	4.24511433	5.35293722	4.98366261	3.94969487	0.55237186
96	-2.28876662	3.28500128	6.01763058	4.83595324	3.58042073	-0.26003149
97	-1.03646266	1.51248491	8.08556652	6.38690472	4.68824339	-0.85087025
98	-4.05672503	0.55237186	8.8241148	6.9038887	3.87583995	-0.55545086
99	-7.88730192	1.95561397	6.38690472	5.57450151	2.9157269	2.1033237
100	-6.41400337	4.46667862	7.1993084	4.09740448	2.9157269	1.73404944
101	-5.67735386	5.64835644	9.19338894	4.54053354	2.54645276	1.88175917
102	-6.63499832	2.25103331	10.89205074	6.53461456	1.80790424	1.21706545
103	-6.48766804	0.55237186	10.22735691	7.71629238	2.84187222	1.73404944
104	-2.06777191	1.66019464	9.93193722	7.64243746	3.80198526	1.73404944
105	-1.4047873	3.87583995	8.30713081	6.53461456	2.25103331	2.54645276
106	-3.24641085	2.98958182	7.27316332	4.54053354	1.43862998	0.70008153
107	-5.38269424	0.84779125	7.79014683	4.90980816	3.06343675	0.1830976
108	-3.76206541	-0.18617664	8.8241148	5.94377565	2.98958182	1.58633971
109	-2.50976157	2.17717862	7.64243746	5.86992073	1.14321065	4.1712594
110	-1.47845232	4.24511433	6.38690472	4.83595324	0.70008153	3.50656581
111	-2.21510172	4.24511433	6.31305027	6.01763058	3.21114635	2.47259784
112	-2.43609643	3.50656581	6.83003378	6.16534042	4.31896925	1.73404944
113	-2.43609643	4.31896925	6.97774363	5.05751753	3.94969487	2.25103331
114	-1.62578213	4.54053354	7.12545347	4.54053354	2.39874315	1.95561397
115	-2.43609643	2.84187222	6.46075964	5.72221136	1.29092038	1.88175917

	AO	AP	AQ	AR	AS	AT
57	0.3308073	7.95615673	4.88632631	-6.65955305	-7.19976282	6.43614149
58	0.70008153	7.51416731	6.14185905	-7.00332308	-7.37164783	6.48537779
59	1.14321065	8.91380119	6.21571398	-8.10829639	-6.70866299	5.22984552
60	2.39874315	10.97641945	4.66476202	-7.98552227	-6.29122829	4.93442631
61	1.73404944	11.93406391	3.18766499	-7.17520761	-6.41400337	6.01763058
62	2.39874315	11.56573868	3.85235858	-7.27342749	-6.78232813	6.0686735
63	2.32488823	9.72411537	4.44319725	-7.42075777	-6.09478855	5.50064659
64	0.92164612	10.16610527	5.10789108	-7.49442244	-6.02112389	5.08213615
65	-1.22014451	10.3134346	4.44319725	-7.19976282	-6.3157835	5.99301243
66	-0.62930572	11.49207401	6.28956842	-6.65955305	-7.15065289	6.58385134
67	2.17717862	10.09243965	6.28956842	-6.58588839	-6.83143806	6.0686735
68	2.62030768	8.76647091	5.55102015	-6.24211836	-6.95421267	5.77144766
69	-1.36785424	8.39814663	4.66476202	-5.92290354	-6.26667356	5.94377613
70	-3.43579006	8.25081635	3.63079405	-7.15065289	-5.80012894	5.1559906
71	-2.47567701	8.98746586	4.22163296	-7.83819246	-5.48091412	4.49129677
72	-0.48159602	9.94511032	4.07392311	-7.93641233	-5.751019	4.71286154
73	-0.03846694	10.68175983	4.5909071	-7.5680871	-6.51222324	5.18060923
74	0.99550092	10.90275478	5.92029428	-7.61719751	-7.15065289	4.61438847
75	1.36477518	8.91380119	5.55102015	-8.13285255	-6.29122829	4.44206047
76	1.80790424	8.0298214	4.44319725	-8.01007748	-5.40724897	5.62373829
77	0.1830976	7.80882692	3.18766499	-7.59264231	-5.62824392	5.72221136
78	0.1830976	9.57678509	4.73861694	-7.22431755	-6.26667356	4.54053402
79	0.40466216	10.23976994	6.28956842	-7.17520809	-6.58588839	3.99893141
80	2.17717862	9.42945576	7.3235364	-7.22431755	-5.84923887	4.3435874
81	0.99550092	9.87144566	7.91437531	-7.76452732	-5.92290354	4.78671646
82	0.03538791	11.49207401	6.73269796	-8.91861153	-6.26667356	5.00828123
83	-0.77701545	12.15505886	5.69872999	-8.96772194	-5.99656868	5.99301243
84	-0.11232179	11.05008411	6.06800413	-7.96096706	-5.94745874	6.18995857
85	-0.18617664	10.01877499	6.14185905	-7.56808758	-5.63002405	5.08213568
86	0.478517	10.7554245	6.36342335	-8.52573204	-5.50546932	3.72813034
87	0.55237186	9.65045071	5.62487507	-8.99227619	-5.18625402	4.07278633
88	0.84779125	9.72411537	4.88632631	-8.35384655	-5.3090291	4.98366261
89	-0.33388633	9.57678509	3.33537459	-7.29798269	-5.35813904	5.52526474
90	0.10924275	10.23976994	4.22163296	-6.97876787	-6.48766804	5.74682951
91	0.70008153	10.38710022	6.51113319	-8.15740681	-6.92965794	5.42679167
92	0.84779125	9.72411537	6.65884304	-8.55028725	-6.63499832	5.03289938
93	0.478517	9.72411537	5.77258492	-7.05243254	-6.38944817	5.30370045
94	0.03538791	9.87144566	4.44319725	-6.85599279	-7.15065289	5.20522738
95	-0.92472512	9.50312042	4.07392311	-8.67306137	-7.27342749	4.86057138
96	-0.40774119	7.88249207	4.51705217	-9.7289257	-6.61044312	4.71286154
97	-0.62930572	6.26186323	4.3693428	-8.52573204	-5.45635891	5.3283186
98	-1.51556396	7.36683702	5.69872999	-7.51897764	-6.58588791	5.42679167
99	-1.07243478	8.10348701	5.4033103	-8.52573109	-8.23107147	4.63900661
100	1.88175917	7.36683702	5.10789108	-8.55028629	-8.23107147	5.25446367
101	1.73404944	7.07217741	5.25560093	-7.93641233	-7.27342749	6.46075964
102	-0.03846694	8.0298214	5.84643936	-8.18196201	-7.22431755	6.55923271
103	0.10924275	9.94511032	5.55102015	-8.67306137	-7.15065289	6.16534042
104	2.69416237	10.01877499	3.77850389	-8.42751122	-5.82468367	6.41152287
105	1.58633971	9.94511032	3.55693913	-7.98552179	-5.21080923	6.23919487
106	-0.55545086	9.94511032	5.84643936	-8.89405632	-5.62824392	4.93442631
107	-1.36785424	7.80882692	6.28956842	-9.53248596	-6.43855858	4.51591539
108	0.55237186	8.10348701	6.14185905	-9.06594086	-7.29798269	4.86057138
109	1.43862998	8.76647091	4.66476202	-7.24887276	-7.07698822	5.22984552
110	1.73404944	8.91380119	5.03403616	-6.24211836	-6.21756363	5.1559906
111	0.1830976	8.91380119	6.14185905	-6.26667356	-5.55457926	5.52526522
112	0.40466216	9.13479614	6.51113319	-7.39620256	-5.82468367	5.50064659
113	0.03538791	9.20846081	5.84643936	-7.71541739	-5.89834881	5.45141029
114	-0.11232179	8.10348701	5.77258492	-7.51897717	-5.82468367	5.40217352
115	-0.62930572	8.76647091	7.3235364	-7.83819199	-5.89834881	5.00828123

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82	1.75866771
83	2.20179677
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86	1.31553864
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89	1.41401172
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96	0.97088265
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99	1.31553864
100	2.17717838
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102	0.99550092
103	1.56172144
104	2.74339914
105	2.12794185
106	0.52775353
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110	1.98023224
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114	1.41401172
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
116								-003900	-5.24	4.54	-6.19	7.13	-11.13	4.54
117								-003890	-8.03	2.84	-6.71	6.46	-8.77	5.72
118								-003880	-10.02	2.03	-8.26	5.50	-9.43	6.61
119								-003870	-7.67	3.51	-8.62	4.61	-11.87	6.76
120								-003860	-4.50	3.36	-6.78	5.13	-12.31	6.17
121								-003850	-3.17	1.44	-7.89	5.06	-9.80	4.69
122								-003840	-2.95	-.19	-9.29	5.72	-9.07	3.14
123								-003830	-2.07	1.29	-8.26	8.09	-10.02	3.65
124								-003820	-2.58	3.06	-5.75	9.56	-10.91	4.10
125								-003810	-4.43	4.54	-7.81	6.39	-11.20	3.95
126								-003800	-6.93	5.28	-10.54	3.06	-11.35	4.98
127								-003790	-5.75	6.39	-10.91	3.73	-10.98	6.90
128								-003780	-4.13	5.43	-9.21	6.98	-10.32	7.27
129								-003770	-2.36	4.61	-9.21	8.16	-9.95	6.31
130								-003760	-4.20	4.10	-7.30	8.97	-9.43	5.72
131								-003750	-5.90	3.95	-4.87	8.97	-10.17	5.13
132								-003740	-5.97	2.77	-3.39	8.38	-11.57	4.76
133								-003730	-3.84	2.47	-5.01	7.27	-11.50	5.43
134								-003720	-3.98	2.25	-8.70	7.64	-10.32	5.87
135								-003710	-3.84	2.47	-11.20	7.64	-10.32	6.02
136								-003700	-4.13	1.14	-9.43	6.76	-11.42	4.98
137								-003690	-3.61	.85	-6.93	7.05	-9.36	6.09
138								-003680	-4.57	1.88	-7.15	8.68	-7.30	5.94
139								-003670	-3.76	4.98	-8.84	8.82	-8.18	4.76
140								-003660	-2.36	5.72	-7.37	8.31	-10.47	4.69
141								-003650	-2.80	3.88	-5.97	7.57	-10.39	6.90
142								-003640	-4.87	1.81	-6.19	7.86	-9.88	7.49
143								-003630	-5.24	2.77	-8.33	7.20	-10.61	6.98
144								-003620	-5.01	3.14	-8.55	7.64	-11.50	6.76
145								-003610	-5.97	2.10	-8.18	8.82	-9.80	6.90
146								-003600	-7.22	1.96	-8.48	8.97	-8.70	5.43
147								-003590	-7.00	2.47	-8.84	7.57	-9.14	3.95
148								-003580	-7.37	1.59	-8.84	6.02	-10.39	3.95
149								-003570	-7.08	1.00	-9.29	5.13	-10.17	5.28
150								-003560	-7.37	1.22	-8.99	5.80	-9.07	5.65
151								-003550	-5.46	2.99	-7.89	7.35	-9.21	4.84
152								-003540	-4.57	3.06	-6.05	8.23	-10.17	4.54
153								-003530	-3.54	3.06	-5.90	6.39	-9.14	5.43
154								-003520	-4.28	2.10	-7.81	5.21	-7.08	5.57
155								-003510	-5.82	1.59	-10.39	4.91	-8.99	3.80
156								-003500	-6.41	1.73	-10.10	4.54	-12.53	3.73
157								-003490	-4.87	3.06	-6.93	4.76	-11.28	6.61
158								-003480	-4.06	2.84	-5.46	5.87	-7.52	8.01
159								-003470	-4.72	2.92	-5.60	6.61	-7.81	6.31
160								-003460	-5.46	2.77	-7.15	5.43	-11.79	2.77
161								-003450	-2.95	3.65	-8.70	5.50	-11.20	4.69
162								-003440	-2.66	3.14	-9.51	6.83	-7.96	8.68
163								-003430	-3.91	2.99	-9.14	7.35	-7.67	8.45
164								-003420	-6.12	2.77	-8.18	6.53	-11.64	4.10
165								-003410	-7.00	3.43	-7.00	7.35	-13.78	3.58
166								-003400	-6.71	3.06	-5.82	9.56	-12.53	6.61
167								-003390	-6.71	.55	-6.86	8.45	-10.69	7.20
168								-003380	-7.81	-1.29	-8.11	5.43	-10.61	4.69
169								-003370	-5.90	1.07	-7.59	3.95	-10.47	4.69
170								-003360	-1.55	4.76	-6.49	6.24	-9.43	6.90
171								-003350	-1.33	4.61	-6.78	7.94	-8.70	8.53
172								-003340	-6.27	.85	-7.52	7.42	-9.88	6.76
173								-003330	-7.22	1.07	-6.93	6.90	-11.05	5.28
174								-003320	-4.65	3.14	-6.93	7.57	-11.50	6.17

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
116	-11.42	2.40	-4.43	1.96	-1.63	-1.11	-003900	8.10	5.77	-7.52	5.40	-5.82	1.41	
117	-12.53	1.29	-2.73	1.88	-2.44	-.63	-003890	8.77	7.32	-7.84	5.01	-5.90	.85	
118	-12.09	1.29	-2.07	2.55	-3.25	.33	-003880	9.43	7.32	-9.24	4.71	-5.80	1.39	
119	-11.05	4.10	-3.10	4.10	-4.43	.48	-003870	8.99	6.29	-9.39	4.96	-6.19	2.89	
120	-11.42	5.13	-5.16	4.32	-4.94	.92	-003860	8.77	7.69	-7.86	4.89	-7.18	3.46	
121	-10.47	4.61	-5.75	2.18	-5.31	.77	-003850	9.36	8.65	-6.95	3.73	-7.18	2.52	
122	-9.73	2.92	-5.31	-.85	-3.61	1.51	-003840	10.61	7.10	-7.10	2.89	-6.22	1.19	
123	-10.39	1.96	-2.80	-.78	-4.13	1.29	-003830	9.43	3.70	-6.78	4.34	-5.78	.82	
124	-12.60	1.59	-2.51	.11	-5.38	1.88	-003820	7.66	2.60	-6.41	5.57	-6.83	1.19	
125	-12.75	2.40	-4.06	1.00	-6.63	1.44	-003810	7.66	5.18	-7.81	4.96	-7.81	1.61	
126	-11.28	1.96	-7.08	.40	-5.16	1.29	-003800	7.88	5.62	-9.61	4.44	-7.84	1.22	
127	-10.54	.85	-6.93	.70	-3.54	-.26	-003790	9.43	5.85	-9.21	5.67	-7.00	.43	
128	-10.32	1.22	-5.38	1.29	-2.29	.70	-003780	9.58	6.66	-7.89	6.56	-6.00	1.07	
129	-10.17	2.62	-2.80	2.55	-4.13	1.73	-003770	8.69	6.36	-7.18	6.36	-5.70	2.30	
130	-10.24	3.51	-3.47	.85	-3.17	2.32	-003760	9.65	5.40	-6.98	6.26	-5.63	2.23	
131	-10.32	4.10	-2.73	.63	-1.55	.70	-003750	9.87	4.30	-6.98	6.02	-4.87	1.81	
132	-11.87	3.43	-2.66	-.26	-.45	-1.88	-003740	9.50	4.96	-6.98	5.30	-4.99	.43	
133	-13.12	2.92	-3.10	-.48	-3.17	-2.84	-003730	8.40	5.26	-6.78	5.06	-6.46	-.14	
134	-13.19	2.25	-5.60	-1.29	-4.20	.70	-003720	8.25	4.44	-7.67	5.25	-7.67	.55	
135	-11.50	2.84	-5.01	1.44	-4.65	1.96	-003710	9.58	3.93	-8.45	5.38	-7.05	2.08	
136	-11.64	2.32	-3.76	2.32	-3.10	1.29	-003700	10.24	3.70	-8.33	4.29	-6.17	1.98	
137	-11.42	1.66	-4.06	.18	-2.29	-.19	-003690	10.76	4.66	-6.63	4.66	-5.92	.55	
138	-11.64	1.00	-5.46	-2.55	-1.85	.40	-003680	9.43	5.70	-6.34	5.50	-6.32	-.38	
139	-11.57	1.14	-4.50	-.92	-3.25	-.48	-003670	8.62	5.55	-6.93	6.19	-6.44	-.09	
140	-13.12	2.03	-3.98	1.29	-4.20	-1.59	-003660	7.96	5.03	-6.73	6.24	-7.10	.58	
141	-12.68	4.17	-4.94	2.32	-4.28	-1.59	-003650	8.40	4.30	-6.39	6.12	-7.30	1.64	
142	-11.64	4.61	-6.63	.85	-2.80	.40	-003640	9.65	4.37	-6.98	5.72	-7.03	1.96	
143	-11.57	3.80	-5.97	-.04	-2.36	1.73	-003630	9.87	5.77	-8.06	5.65	-6.63	1.83	
144	-12.09	2.77	-4.06	-.19	-2.07	2.69	-003620	9.72	6.44	-8.35	5.85	-6.07	1.76	
145	-10.54	2.77	-1.92	1.44	-4.50	.70	-003610	10.39	5.26	-7.99	5.94	-5.65	1.64	
146	-9.43	1.73	-3.84	1.36	-5.53	-.78	-003600	9.28	3.04	-8.13	5.45	-6.27	.77	
147	-10.54	.70	-5.68	.92	-4.35	-.78	-003590	8.84	4.30	-8.33	4.66	-6.86	.28	
148	-13.19	.11	-6.19	.33	-2.66	.92	-003580	8.25	6.73	-8.87	3.85	-7.35	.45	
149	-13.19	.70	-3.32	1.07	-3.69	2.25	-003570	8.55	7.40	-8.84	3.80	-6.73	1.34	
150	-11.72	.48	-3.17	.04	-3.61	3.65	-003560	9.36	6.07	-8.48	4.22	-6.17	1.39	
151	-11.50	.48	-4.43	-.04	-3.39	2.77	-003550	9.28	4.89	-7.52	5.06	-6.44	1.07	
152	-12.97	.55	-4.57	2.03	-2.88	2.55	-003540	9.58	4.66	-6.93	5.28	-6.81	1.71	
153	-13.19	1.29	-2.66	3.95	-2.66	2.18	-003530	9.28	4.89	-6.19	4.96	-6.17	2.47	
154	-12.90	1.59	-4.43	.48	-.15	3.14	-003520	8.32	6.14	-6.39	4.29	-5.82	1.73	
155	-12.09	2.03	-5.01	-1.37	-.30	1.88	-003510	8.55	6.51	-8.40	3.43	-5.80	.85	
156	-12.01	1.66	-4.13	.11	-1.92	1.59	-003500	8.55	4.44	-9.68	3.33	-6.02	1.12	
157	-12.23	1.73	-2.80	2.77	-3.47	.63	-003490	9.50	3.78	-7.69	4.81	-6.17	1.71	
158	-11.42	1.73	-5.01	1.88	-2.80	-.04	-003480	9.87	4.81	-5.68	5.57	-6.41	1.19	
159	-10.24	2.32	-5.24	1.81	-3.17	-1.07	-003470	10.02	6.73	-6.05	5.28	-6.22	1.02	
160	-11.94	2.03	-3.25	2.47	-3.32	-.63	-003460	10.02	6.14	-8.13	3.65	-6.17	1.29	
161	-12.60	2.92	-2.44	4.10	-3.32	-1.15	-003450	9.87	4.89	-7.62	4.61	-6.12	1.96	
162	-11.35	2.69	-4.28	4.39	-2.88	-1.96	-003440	9.72	5.33	-6.71	6.21	-6.17	1.71	
163	-8.77	.77	-4.94	4.10	-3.25	-1.96	-003430	10.02	6.66	-6.91	6.26	-5.65	.97	
164	-9.58	-2.03	-4.87	2.92	-3.54	-.04	-003420	10.39	5.77	-8.65	4.47	-6.00	.28	
165	-10.76	-.19	-4.28	2.69	-5.24	-.04	-003410	11.27	4.44	-9.26	4.79	-6.76	.82	
166	-11.50	3.95	-5.46	.77	-5.09	-.48	-003400	9.72	3.19	-8.35	6.41	-7.35	1.41	
167	-11.50	5.35	-5.63	-.19	-2.88	-.63	-003390	8.69	4.00	-8.08	5.40	-6.63	1.51	
168	-12.09	3.14	-4.28	.85	-.67	.63	-003380	8.84	3.93	-8.84	2.94	-5.68	1.54	
169	-12.16	1.00	-2.22	3.43	-2.51	.92	-003370	11.34	4.59	-7.99	3.24	-5.63	1.78	
170	-10.61	1.59	-3.54	1.96	-4.50	1.14	-003360	10.98	4.22	-5.82	5.97	-6.22	1.56	
171	-10.47	3.14	-4.28	.48	-4.72	.11	-003350	8.99	4.96	-5.60	7.03	-6.49	1.24	
172	-13.19	3.36	-3.69	1.73	-2.22	-.19	-003340	8.91	5.33	-7.89	5.01	-6.36	1.64	
173	-15.33	1.96	-3.32	4.47	-1.11	.11	-003330	10.17	4.15	-8.40	4.42	-6.59	2.18	
174	-13.85	1.73	-6.63	2.69	-1.40	1.14	-003320	9.87	4.52	-7.69	5.62	-7.30	1.86	

	AC	AD	AE	AF	AG	AH
116	0.00111	-10.02358532	-8.25562668	-9.43426609	-12.08620358	-2.06777191
117	0.00112	-7.66630745	-8.62395191	-11.86520863	-11.05489445	-3.09908104
118	0.00113	-4.49871492	-6.78232813	-12.30719852	-11.42321968	-5.1616993
119	0.00114	-3.17274594	-7.88730192	-9.80259037	-10.46557522	-5.751019
120	0.00115	-2.95175099	-9.28693581	-9.06594086	-9.7289257	-5.3090291
121	0.00116	-2.06777191	-8.25562668	-10.02358532	-10.39191055	-2.80442119
122	0.00117	-2.58342648	-5.751019	-10.90756512	-12.60185814	-2.50976157
123	0.00118	-4.42504978	-7.81363726	-11.20222473	-12.74918842	-4.05672503
124	0.00119	-6.92965794	-10.53923988	-11.34955406	-11.2758894	-7.07698774
125	0.0012	-5.751019	-10.90756512	-10.98122978	-10.53923988	-6.92965794
126	0.00121	-4.13039017	-9.21327114	-10.31824493	-10.31824493	-5.38269424
127	0.00122	-2.36243153	-9.21327114	-9.94992065	-10.1709156	-2.80442119
128	0.00123	-4.20405531	-7.29798269	-9.43426609	-10.24458027	-3.4674058
129	0.00124	-5.89834881	-4.86703968	-10.1709156	-10.31824493	-2.73075628
130	0.00125	-5.97201347	-3.39374065	-11.57054901	-11.86520863	-2.65709138
131	0.00126	-3.83573031	-5.01436949	-11.49688435	-13.1175127	-3.09908104
132	0.00127	-3.98306036	-8.69761658	-10.31824493	-13.19117832	-5.60368919
133	0.00128	-3.83573031	-11.20222473	-10.31824493	-11.49688435	-5.01436949
134	0.00129	-4.13039017	-9.43426609	-11.42321968	-11.64421368	-3.76206541
135	0.0013	-3.6147356	-6.92965794	-9.36060143	-11.42321968	-4.05672503
136	0.00131	-4.57237959	-7.15065289	-7.29798269	-11.64421368	-5.45635891
137	0.00132	-3.76206541	-8.84494591	-8.18196201	-11.57054901	-4.49871492
138	0.00133	-2.36243153	-7.37164736	-10.46557522	-13.1175127	-3.98306036
139	0.00134	-2.80442119	-5.97201347	-10.39191055	-12.67552376	-4.94070435
140	0.00135	-4.86703968	-6.19300842	-9.87625599	-11.64421368	-6.63499832
141	0.00136	-5.23536444	-8.32929134	-10.61290455	-11.57054901	-5.97201347
142	0.00137	-5.01436949	-8.55028629	-11.49688435	-12.08620358	-4.05672503
143	0.00138	-5.97201347	-8.18196201	-9.80259037	-10.53923988	-1.92044199
144	0.00139	-7.22431755	-8.47662163	-8.69761658	-9.43426609	-3.83573031
145	0.0014	-7.00332308	-8.84494591	-9.13960648	-10.53923988	-5.67735386
146	0.00141	-7.37164736	-8.84494591	-10.39191055	-13.19117832	-6.19300842
147	0.00142	-7.07698774	-9.28693581	-10.1709156	-13.19117832	-3.32007575
148	0.00143	-7.37164736	-8.99227619	-9.06594086	-11.7178793	-3.17274594
149	0.00144	-5.45635891	-7.88730192	-9.21327114	-11.49688435	-4.42504978
150	0.00145	-4.57237959	-6.04567862	-10.1709156	-12.97018337	-4.57237959
151	0.00146	-3.5410707	-5.89834881	-9.13960648	-13.19117832	-2.65709138
152	0.00147	-4.27771997	-7.81363726	-7.07698774	-12.89651775	-4.42504978
153	0.00148	-5.82468367	-10.39191055	-8.99227619	-12.08620358	-5.01436949
154	0.00149	-6.41400337	-10.09724998	-12.52819347	-12.01253891	-4.13039017
155	0.0015	-4.86703968	-6.92965794	-11.2758894	-12.23353386	-2.80442119
156	0.00151	-4.05672503	-5.45635891	-7.51897764	-11.42321968	-5.01436949
157	0.00152	-4.71970987	-5.60368919	-7.81363726	-10.24458027	-5.23536444
158	0.00153	-5.45635891	-7.15065289	-11.79154396	-11.93887424	-3.24641085
159	0.00154	-2.95175099	-8.69761658	-11.20222473	-12.60185814	-2.43609643
160	0.00155	-2.65709138	-9.50793076	-7.96096706	-11.34955406	-4.27771997
161	0.00156	-3.90939546	-9.13960648	-7.66630745	-8.77128124	-4.94070435
162	0.00157	-6.11934376	-8.18196201	-11.64421368	-9.58159542	-4.86703968
163	0.00158	-7.00332308	-7.00332308	-13.78049755	-10.76023483	-4.27771997
164	0.00159	-6.70866299	-5.82468367	-12.52819347	-11.49688435	-5.45635891
165	0.0016	-6.70866299	-6.85599279	-10.68657017	-11.49688435	-5.53002405
166	0.00161	-7.81363726	-8.10829735	-10.61290455	-12.08620358	-4.27771997
167	0.00162	-5.89834881	-7.59264231	-10.46557522	-12.15986919	-2.21510172
168	0.00163	-1.55211723	-6.48766804	-9.43426609	-10.61290455	-3.5410707
169	0.00164	-1.3311224	-6.78232813	-8.69761658	-10.46557522	-4.27771997
170	0.00165	-6.26667356	-7.51897764	-9.87625599	-13.19117832	-3.68840051
171	0.00166	-7.22431755	-6.92965794	-11.05489445	-15.32746124	-3.32007575
172	0.00167	-4.64604473	-6.92965794	-11.49688435	-13.85416222	-6.63499832
173	0.00168	-2.36243153	-8.77128124	-11.79154396	-10.09724998	-6.63499832
174	0.00169	-3.5410707	-9.94992065	-12.30719852	-9.21327114	-4.42504978

	AI	AJ	AK	AL	AM	AN
116	-3.24641085	2.02946877	5.50064659	6.60846949	1.29092038	2.54645276
117	-4.42504978	3.50656581	4.61438847	6.75617933	4.09740448	4.09740448
118	-4.94070435	3.3588562	5.13137245	6.16534042	5.13137245	4.31896925
119	-5.3090291	1.43862998	5.05751753	4.68824339	4.61438847	2.17717862
120	-3.6147356	-0.18617664	5.72221136	3.13729167	2.9157269	-0.85087025
121	-4.13039017	1.29092038	8.08556652	3.65427542	1.95561397	-0.77701545
122	-5.38269424	3.06343675	9.56266308	4.09740448	1.58633971	0.10924275
123	-6.63499832	4.54053354	6.38690472	3.94969487	2.39874315	0.99550092
124	-5.1616993	5.2790823	3.06343675	4.98366261	1.95561397	0.40466216
125	-3.5410707	6.38690472	3.72813034	6.9038887	0.84779125	0.70008153
126	-2.28876662	5.42679167	6.97774363	7.27316332	1.21706545	1.29092038
127	-4.13039017	4.61438847	8.15942097	6.31305027	2.62030768	2.54645276
128	-3.17274594	4.09740448	8.97182465	5.72221136	3.50656581	0.84779125
129	-1.55211723	3.94969487	8.97182465	5.13137245	4.09740448	0.62622672
130	-0.44714311	2.76801729	8.38098621	4.76209831	3.43271089	-0.26003149
131	-3.17274594	2.47259784	7.27316332	5.42679167	2.9157269	-0.48159602
132	-4.20405531	2.25103331	7.64243746	5.86992073	2.25103331	-1.29399931
133	-4.64604473	2.47259784	7.64243746	6.01763058	2.84187222	1.43862998
134	-3.09908104	1.14321065	6.75617933	4.98366261	2.32488823	2.32488823
135	-2.28876662	0.84779125	7.05159855	6.0914855	1.66019464	0.1830976
136	-1.84677696	1.88175917	8.67640495	5.94377565	0.99550092	-2.5495317
137	-3.24641085	4.98366261	8.8241148	4.76209831	1.14321065	-0.92472512
138	-4.20405531	5.72221136	8.30713081	4.68824339	2.02946877	1.29092038
139	-4.27771997	3.87583995	7.56858253	6.9038887	4.1712594	2.32488823
140	-2.80442119	1.80790424	7.86400175	7.49472761	4.61438847	0.84779125
141	-2.36243153	2.76801729	7.1993084	6.97774363	3.80198526	-0.03846694
142	-2.06777191	3.13729167	7.64243746	6.75617933	2.76801729	-0.18617664
143	-4.49871492	2.1033237	8.8241148	6.9038887	2.76801729	1.43862998
144	-5.53002405	1.95561397	8.97182465	5.42679167	1.73404944	1.36477518
145	-4.35138512	2.47259784	7.56858253	3.94969487	0.70008153	0.92164612
146	-2.65709138	1.58633971	6.01763058	3.94969487	0.10924275	0.3308073
147	-3.68840051	0.99550092	5.13137245	5.2790823	0.70008153	1.06935585
148	-3.6147356	1.21706545	5.79606628	5.64835644	0.478517	0.03538791
149	-3.39374065	2.98958182	7.34701777	4.83595324	0.478517	-0.03846694
150	-2.87808609	3.06343675	8.23327637	4.54053354	0.55237186	2.02946877
151	-2.65709138	3.06343675	6.38690472	5.42679167	1.29092038	3.94969487
152	-0.15248336	2.1033237	5.20522738	5.57450151	1.58633971	0.478517
153	-0.29981324	1.58633971	4.90980816	3.80198526	2.02946877	-1.36785424
154	-1.92044199	1.73404944	4.54053354	3.72813034	1.66019464	0.10924275
155	-3.4674058	3.06343675	4.76209831	6.60846949	1.73404944	2.76801729
156	-2.80442119	2.84187222	5.86992073	8.01171112	1.73404944	1.88175917
157	-3.17274594	2.9157269	6.60846949	6.31305027	2.32488823	1.80790424
158	-3.32007575	2.76801729	5.42679167	2.76801729	2.02946877	2.47259784
159	-3.32007575	3.65427542	5.50064659	4.68824339	2.9157269	4.09740448
160	-2.87808609	3.13729167	6.83003378	8.67640495	2.69416237	4.39282417
161	-3.24641085	2.98958182	7.34701777	8.45484066	0.77393639	4.09740448
162	-3.5410707	2.76801729	6.53461456	4.09740448	-2.03254795	2.9157269
163	-5.23536444	3.43271089	7.34701777	3.58042073	-0.18617664	2.69416237
164	-5.08803463	3.06343675	9.56266308	6.60846949	3.94969487	0.77393639
165	-2.87808609	0.55237186	8.45484066	7.1993084	5.35293722	-0.18617664
166	-0.66813797	-1.29399931	5.42679167	4.68824339	3.13729167	0.84779125
167	-2.50976157	1.06935585	3.94969487	4.68824339	0.99550092	3.43271089
168	-4.49871492	4.76209831	6.23919535	6.9038887	1.58633971	1.95561397
169	-4.71970987	4.61438847	7.93785667	8.52869511	3.13729167	0.478517
170	-2.21510172	0.84779125	7.42087269	6.75617933	3.3588562	1.73404944
171	-1.11012757	1.06935585	6.9038887	5.2790823	1.95561397	4.46667862
172	-1.4047873	3.13729167	7.56858253	6.16534042	1.73404944	2.69416237
173	-3.24641085	4.39282417	6.31305027	6.23919535	4.09740448	1.88175917
174	-3.02541614	2.9157269	5.2790823	4.1712594	4.39282417	2.76801729

	AO	AP	AQ	AR	AS	AT
116	0.3308073	9.42945576	7.3235364	-9.23782635	-5.80012894	4.71286154
117	0.478517	8.98746586	6.28956842	-9.38515568	-6.19300842	4.95904446
118	0.92164612	8.76647091	7.69281054	-7.86274719	-7.17520761	4.88518953
119	0.77393639	9.35579109	8.65292358	-6.95421267	-7.17520761	3.72813034
120	1.51248491	10.60809422	7.1019721	-7.10154247	-6.21756363	2.89110875
121	1.29092038	9.42945576	3.70464897	-6.78232813	-5.77557373	4.3435874
122	1.88175917	7.66149712	2.59682631	-6.41400337	-6.83143806	5.57450151
123	1.43862998	7.66149712	5.18174601	-7.81363726	-7.81363726	4.95904446
124	1.29092038	7.88249207	5.62487507	-9.60615063	-7.83819199	4.44206047
125	-0.26003149	9.42945576	5.84643936	-9.21327114	-7.0033226	5.67297459
126	0.70008153	9.57678509	6.65884304	-7.88730192	-5.99656868	6.55923271
127	1.73404944	8.69280624	6.36342335	-7.17520761	-5.70190907	6.36228657
128	2.32488823	9.65045071	5.4033103	-6.97876787	-5.62824392	6.2638135
129	0.70008153	9.87144566	4.29548788	-6.97876787	-4.86703968	6.01763058
130	-1.8848381	9.50312042	4.96018124	-6.97876787	-4.98981428	5.30370045
131	-2.84495115	8.39814663	5.25560093	-6.78232813	-6.46311331	5.05751753
132	0.70008153	8.25081635	4.44319725	-7.66630745	-7.66630745	5.25446367
133	1.95561397	9.57678509	3.9262135	-8.45206642	-7.05243301	5.37755537
134	1.29092038	10.23976994	3.70464897	-8.3292923	-6.16845322	4.29435062
135	-0.18617664	10.7554245	4.66476202	-6.63499832	-5.92290401	4.66362524
136	0.40466216	9.42945576	5.69872999	-6.34033823	-6.31578302	5.50064659
137	-0.48159602	8.61914158	5.55102015	-6.92965794	-6.4385581	6.18995857
138	-1.58941877	7.95615673	5.03403616	-6.73321819	-7.10154295	6.23919535
139	-1.58941877	8.39814663	4.29548788	-6.38944817	-7.29798269	6.11610365
140	0.40466216	9.65045071	4.3693428	-6.97876787	-7.02787781	5.72221136
141	1.73404944	9.87144566	5.77258492	-8.05918694	-6.63499784	5.64835644
142	2.69416237	9.72411537	6.43727827	-8.35384655	-6.07023335	5.84530258
143	0.70008153	10.38710022	5.25560093	-7.98552179	-5.65279913	5.94377565
144	-0.77701545	9.28212547	3.03995538	-8.1328516	-6.26667356	5.45141029
145	-0.77701545	8.84013653	4.29548788	-8.3292923	-6.85599279	4.66362524
146	0.92164612	8.25081635	6.73269796	-8.86950111	-7.34709263	3.8512218
147	2.25103331	8.54547596	7.39739132	-8.84494591	-6.73321819	3.80198526
148	3.65427542	9.35579109	6.06800413	-8.47662163	-6.16845369	4.22049618
149	2.76801729	9.28212547	4.88632631	-7.51897717	-6.4385581	5.05751753
150	2.54645276	9.57678509	4.66476202	-6.92965794	-6.80688286	5.2790823
151	2.17717862	9.28212547	4.88632631	-6.19300842	-6.16845369	4.95904446
152	3.13729167	8.32448196	6.14185905	-6.38944817	-5.82468367	4.29435062
153	1.88175917	8.54547596	6.51113319	-8.40295696	-5.80012894	3.43271112
154	1.58633971	8.54547596	4.44319725	-9.67981529	-6.02112389	3.33423781
155	0.62622672	9.50312042	3.77850389	-7.69086218	-6.16845369	4.81133461
156	-0.03846694	9.87144566	4.81247187	-5.67735386	-6.41400337	5.57450151
157	-1.07243478	10.01877499	6.73269796	-6.04567862	-6.21756363	5.2790823
158	-0.62930572	10.01877499	6.14185905	-8.1328516	-6.16845369	3.65427542
159	-1.14628971	9.87144566	4.88632631	-7.61719751	-6.11934328	4.51438847
160	-1.95869303	9.72411537	5.32945538	-6.70866299	-6.16845322	6.21457672
161	-1.95869303	10.01877499	6.65884304	-6.90510321	-5.65279865	6.2638135
162	-0.03846694	10.38710022	5.77258492	-8.64850616	-5.99656868	4.46667862
163	-0.03846694	11.27107906	4.44319725	-9.26238155	-6.75777292	4.78671646
164	-0.48159602	9.72411537	3.18766499	-8.35384655	-7.34709263	6.41152287
165	-0.62930572	8.69280624	4.00006819	-8.08374214	-6.63499832	5.40217352
166	0.62622672	8.84013653	3.9262135	-8.84494591	-5.67735386	2.94034529
167	0.92164612	11.34474373	4.5909071	-7.98552227	-5.6282444	3.23576474
168	1.14321065	10.97641945	4.22163296	-5.82468367	-6.21756363	5.96839428
169	0.10924275	8.98746586	4.96018124	-5.60368919	-6.48766851	7.02697992
170	-0.18617664	8.91380119	5.32945538	-7.8873024	-6.36489344	5.00828123
171	0.10924275	10.16610527	4.14777803	-8.40295696	-6.58588839	4.41744232
172	1.14321065	9.87144566	4.51705217	-7.69086218	-7.29798269	5.62373829
173	0.55237186	9.35579109	5.03403616	-7.64175224	-6.65955305	5.64835644
174	0.99550092	9.87144566	5.32945538	-8.59939671	-5.55457878	4.12202263

	AU
116	1.38939345
117	2.89110875
118	3.45732927
119	2.52183437
120	1.19244719
121	0.82317299
122	1.19244719
123	1.61095798
124	1.21706545
125	0.42928043
126	1.06935573
127	2.30027008
128	2.22641516
129	1.80790424
130	0.42928043
131	-0.13694009
132	0.55237186
133	2.07870531
134	1.98023224
135	0.55237186
136	-0.38312286
137	-0.0877035
138	0.57699013
139	1.63557625
140	1.95561397
141	1.83252263
142	1.75866771
143	1.63557625
144	0.77393639
145	0.28157073
146	0.45389873
147	1.34015691
148	1.38939345
149	1.06935573
150	1.70943117
151	2.47259808
152	1.73404944
153	0.84779125
154	1.11859238
155	1.70943117
156	1.19244719
157	1.02011919
158	1.29092026
159	1.95561385
160	1.70943117
161	0.97088259
162	0.28157067
163	0.82317293
164	1.41401172
165	1.51248491
166	1.53710318
167	1.78328598
168	1.56172144
169	1.24168384
170	1.63557637
171	2.17717838
172	1.85714078
173	2.17717838
174	2.71878076

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
175								-003310	-2.36	4.39	-8.77	6.31	-11.79	6.24
176								-003300	-3.54	2.92	-9.95	5.28	-12.31	4.17
177								-003290	-4.57	2.40	-10.32	5.72	-11.87	1.88
178								-003280	-4.79	2.62	-10.91	7.13	-10.91	2.92
179								-003270	-4.87	2.92	-11.64	6.83	-9.29	6.31
180								-003260	-5.53	2.32	-12.82	6.02	-8.77	7.49
181								-003250	-4.28	2.47	-10.91	6.39	-9.43	6.39
182								-003240	-3.10	1.22	-8.92	6.09	-10.32	5.35
183								-003230	-1.63	2.62	-7.89	5.43	-9.80	5.21
184								-003220	-3.03	3.65	-7.52	5.60	-8.99	4.98
185								-003210	-5.46	3.21	-6.56	7.86	-8.03	4.25
186								-003200	-6.05	2.03	-7.22	7.86	-10.02	3.95
187								-003190	-5.16	2.92	-8.99	5.57	-10.54	5.43
188								-003180	-6.34	3.21	-9.51	4.10	-10.61	5.65
189								-003170	-7.08	3.06	-8.92	4.84	-10.32	4.25
190								-003160	-5.01	1.66	-7.00	6.76	-11.05	3.36
191								-003150	-1.40	1.51	-6.86	6.46	-10.76	5.28
192								-003140	-3.10	1.29	-8.70	4.39	-10.32	5.80
193								-003130	-5.60	3.06	-8.84	3.95	-10.32	5.06
194								-003120	-5.24	3.58	-6.63	6.68	-10.24	6.24
195								-003110	-2.44	3.21	-6.93	7.86	-10.24	7.79
196								-003100	-3.47	.85	-9.36	7.79	-10.76	6.02
197								-003090	-4.79	.85	-9.73	7.49	-10.32	4.25
198								-003080	-5.60	2.62	-6.41	8.53	-10.32	4.02
199								-003070	-4.65	3.88	-5.16	8.53	-10.02	4.54
200								-003060	-4.57	2.03	-8.03	7.49	-10.32	3.06
201								-003050	-3.32	2.55	-9.95	6.61	-9.14	5.28
202								-003040	-3.84	4.76	-7.67	6.53	-9.07	8.31
203								-003030	-5.46	5.87	-6.41	6.90	-10.69	8.60
204								-003020	-7.59	3.51	-8.84	7.27	-12.23	5.72
205								-003010	-6.63	1.73	-9.58	8.82	-10.98	4.84
206								-003000	-4.94	2.03	-8.03	8.68	-9.73	5.57
207								-002990	-4.28	4.61	-6.71	7.27	-10.61	6.90
208								-002980	-5.75	5.06	-8.99	6.31	-11.35	7.20
209								-002970	-5.01	3.80	-10.24	8.90	-10.91	5.57
210								-002960	-3.84	3.36	-9.14	9.64	-9.88	4.54
211								-002950	-4.28	4.54	-6.78	8.16	-7.37	6.09
212								-002940	-7.37	3.51	-6.34	6.90	-7.59	8.38
213								-002930	-7.74	1.73	-7.08	7.79	-10.17	8.38
214								-002920	-4.94	2.77	-7.81	8.68	-12.31	7.64
215								-002910	-3.10	5.35	-6.78	9.34	-10.47	7.94
216								-002900	-5.01	4.54	-5.53	8.16	-9.21	7.42
217								-002890	-5.46	3.95	-6.93	7.13	-10.17	5.72
218								-002880	-5.38	4.25	-9.43	6.90	-11.72	5.35
219								-002870	-6.05	5.13	-7.96	6.68	-11.64	6.98
220								-002860	-7.67	3.51	-7.15	5.50	-10.91	7.57
221								-002850	-5.82	3.65	-9.14	5.35	-10.61	7.20
222								-002840	-3.69	3.88	-9.66	6.31	-10.17	6.61
223								-002830	-2.95	4.39	-7.08	6.83	-9.58	6.90
224								-002820	-4.50	2.92	-5.90	6.31	-10.02	7.79
225								-002810	-4.50	2.55	-6.63	6.46	-10.83	8.45
226								-002800	-4.13	3.14	-7.45	7.94	-12.23	7.20
227								-002790	-2.95	5.43	-7.22	9.86	-12.23	5.28
228								-002780	-3.47	5.72	-8.03	9.64	-11.72	5.13
229								-002770	-4.06	4.32	-8.55	8.53	-10.10	7.27
230								-002760	-5.31	2.25	-8.11	7.94	-9.07	8.38
231								-002750	-4.72	2.92	-6.71	9.05	-8.33	8.53
232								-002740	-5.46	3.36	-8.33	9.12	-9.14	8.09
233								-002730	-6.71	3.21	-8.77	9.27	-9.73	8.68

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
175	-10.10	4.10	-6.63	1.88	-3.25	.55	- .003310	9.36	5.03	-7.64	5.65	-6.66	2.18	
176	-9.21	4.39	-4.43	2.77	-3.03	1.00	- .003300	9.87	5.33	-8.60	4.12	-5.55	2.72	
177	-11.57	2.62	-2.58	3.88	-2.88	-.26	- .003290	10.90	5.99	-8.92	3.33	-5.68	2.08	
178	-14.08	1.00	-4.43	3.06	-2.29	-1.07	- .003280	8.84	5.55	-8.87	4.22	-6.93	1.00	
179	-12.68	2.32	-4.28	3.36	-2.66	-1.81	- .003270	8.03	5.77	-8.60	5.35	-6.54	1.29	
180	-11.64	2.32	-4.57	2.62	-1.48	.26	- .003260	7.88	5.48	-9.04	5.28	-5.90	1.73	
181	-10.83	1.88	-3.61	2.32	-.96	1.07	- .003250	9.21	4.37	-8.21	5.08	-5.14	1.76	
182	-12.68	1.81	-4.28	1.88	-1.92	.85	- .003240	10.61	3.19	-7.45	4.22	-6.29	1.51	
183	-13.71	5.28	-4.13	3.51	-4.65	-1.07	- .003230	11.64	2.89	-6.44	4.42	-7.49	2.57	
184	-13.56	5.43	-4.50	3.06	-4.43	-.63	- .003220	10.68	4.66	-6.51	4.81	-7.49	2.62	
185	-10.47	4.61	-3.69	2.03	-5.01	-.19	- .003210	8.99	6.29	-6.68	5.11	-6.39	2.15	
186	-8.99	3.06	-3.39	.48	-5.01	1.22	- .003200	7.66	5.85	-7.76	4.61	-5.80	1.59	
187	-9.07	3.43	-3.98	-.04	-4.87	1.66	- .003190	9.28	5.99	-8.23	4.64	-5.97	1.68	
188	-11.35	3.43	-3.84	.55	-2.80	3.06	- .003180	7.74	4.74	-8.82	4.32	-6.00	2.35	
189	-12.09	4.02	-2.73	1.73	-2.29	3.21	- .003170	7.37	4.96	-8.77	4.05	-5.70	2.99	
190	-12.68	3.65	-5.16	1.00	-4.13	2.77	- .003160	7.59	4.15	-7.69	3.93	-7.32	2.47	
191	-11.20	3.65	-6.34	2.92	-7.08	.33	- .003150	10.53	4.81	-6.34	4.42	-8.21	2.30	
192	-10.47	2.69	-5.75	4.98	-6.19	.48	- .003140	12.60	4.07	-7.37	3.83	-7.47	2.72	
193	-10.91	1.88	-3.25	4.32	-3.54	1.73	- .003130	10.90	3.34	-8.26	4.02	-5.90	2.64	
194	-12.09	2.18	-3.10	.70	-2.51	1.81	- .003120	8.10	4.37	-7.37	5.50	-5.90	1.56	
195	-11.20	3.65	-3.10	.40	-4.13	-.19	- .003110	8.18	7.03	-6.54	6.29	-6.14	1.29	
196	-11.05	4.47	-4.57	1.44	-4.28	-.85	- .003100	10.31	7.77	-7.86	4.89	-6.63	1.68	
197	-12.01	3.36	-3.98	2.62	-4.65	-.63	- .003090	12.45	6.88	-8.28	4.20	-6.88	1.78	
198	-12.53	1.36	-4.06	1.22	-4.72	.40	- .003080	11.34	4.52	-7.45	5.06	-7.10	1.00	
199	-10.91	1.81	-4.20	1.22	-5.16	.18	- .003070	10.61	5.03	-6.81	5.65	-6.76	1.07	
200	-10.76	3.80	-5.09	1.22	-3.84	-.33	- .003060	9.87	4.96	-7.64	4.20	-6.56	1.56	
201	-11.13	4.54	-3.84	2.62	-3.10	-1.37	- .003050	9.36	6.88	-7.47	4.81	-6.02	1.93	
202	-11.13	3.14	-2.95	1.81	-2.58	.11	- .003040	9.43	8.28	-6.86	6.53	-5.55	1.68	
203	-9.88	3.58	-2.29	.85	-4.57	1.66	- .003030	10.61	6.73	-7.52	7.13	-5.58	2.03	
204	-10.17	5.13	-4.13	.11	-5.90	2.77	- .003020	11.20	3.93	-9.56	5.50	-6.73	2.67	
205	-10.10	6.90	-3.98	3.29	-6.12	1.22	- .003010	10.02	2.89	-9.07	5.13	-6.73	3.80	
206	-12.16	5.72	-4.20	5.13	-3.84	2.32	- .003000	7.96	3.04	-7.57	5.43	-6.73	4.39	
207	-12.90	4.10	-4.20	3.80	-4.79	3.36	- .002990	7.96	5.03	-7.20	6.26	-7.30	3.75	
208	-12.82	3.36	-4.57	-.19	-4.43	3.21	- .002980	6.78	4.07	-8.70	6.19	-7.27	2.13	
209	-10.47	5.21	-3.61	-1.22	-3.32	2.18	- .002970	8.40	3.63	-8.72	6.09	-5.80	2.05	
210	-10.61	4.39	-2.88	.33	-1.92	3.88	- .002960	8.69	2.89	-7.62	5.85	-5.14	2.87	
211	-11.42	2.92	-1.99	1.88	-3.98	3.95	- .002950	9.28	5.40	-6.14	6.26	-5.80	2.92	
212	-12.01	2.25	-2.95	1.81	-5.53	3.95	- .002940	8.25	7.10	-7.10	6.26	-6.83	2.67	
213	-11.50	3.73	-3.39	1.66	-5.46	3.21	- .002930	8.99	6.73	-8.33	5.97	-6.78	2.87	
214	-12.53	3.73	-3.98	1.44	-3.69	3.21	- .002920	9.50	5.18	-8.35	6.36	-6.73	2.79	
215	-12.68	4.32	-4.43	1.07	-2.58	3.73	- .002910	10.09	5.26	-6.78	7.54	-6.56	3.04	
216	-13.41	3.06	-7.00	.33	-1.99	4.02	- .002900	9.43	5.99	-6.59	6.71	-7.47	2.47	
217	-12.82	1.73	-6.56	1.44	-2.29	2.62	- .002890	10.02	6.73	-7.52	5.60	-7.22	1.93	
218	-12.38	1.00	-4.57	1.14	-2.14	1.96	- .002880	9.36	5.55	-8.84	5.50	-6.36	1.36	
219	-11.35	2.25	-2.80	1.36	-3.54	1.00	- .002870	10.31	5.92	-8.55	6.26	-5.90	1.54	
220	-11.20	3.43	-3.84	.55	-4.13	1.14	- .002860	9.43	6.14	-8.57	5.53	-6.39	1.71	
221	-10.91	3.58	-3.61	.40	-3.10	1.73	- .002850	9.72	7.03	-8.53	5.40	-5.87	1.91	
222	-11.87	2.92	-4.06	-1.37	-1.40	3.88	- .002840	10.68	7.25	-7.84	5.60	-5.78	1.81	
223	-12.23	3.36	-4.13	-1.52	-5.09	2.92	- .002830	11.64	7.32	-6.54	6.04	-7.15	1.59	
224	-12.23	3.51	-5.31	-1.00	-8.55	.85	- .002820	11.20	8.65	-6.81	5.67	-8.70	1.12	
225	-10.91	3.36	-4.13	.48	-7.15	.48	- .002810	8.69	8.80	-7.32	5.82	-7.40	1.44	
226	-10.69	1.73	-3.84	-.70	-2.29	3.36	- .002800	7.07	7.03	-7.94	6.09	-5.60	1.46	
227	-10.91	2.18	-3.17	-.70	-2.66	3.95	- .002790	8.40	6.29	-7.47	6.85	-5.58	1.81	
228	-11.79	3.80	-4.35	.18	-4.43	2.62	- .002780	9.95	6.58	-7.74	6.83	-6.86	2.20	
229	-11.50	4.39	-4.65	1.73	-4.20	-.48	- .002770	11.34	7.62	-7.57	6.71	-6.78	1.88	
230	-12.09	3.06	-5.16	1.36	-1.18	-2.18	- .002760	10.39	5.85	-7.49	6.19	-6.14	.75	
231	-12.23	2.84	-4.06	1.00	-2.22	-3.36	- .002750	10.02	5.99	-6.59	6.83	-6.17	.16	
232	-12.53	3.21	-5.16	-.48	-3.76	-1.07	- .002740	8.03	5.11	-7.64	6.85	-7.15	.55	
233	-12.09	3.06	-5.68	-.63	-4.57	1.59	- .002730	9.65	6.22	-8.40	7.05	-7.45	1.34	

	AC	AD	AE	AF	AG	AH
175	0.0017	-4.57237959	-10.31824493	-11.86520863	-11.57054901	-2.58342648
176	0.00171	-4.79337454	-10.90756512	-10.90756512	-14.07515717	-4.42504978
177	0.00172	-4.86703968	-11.64421368	-9.28693581	-12.67552376	-4.27771997
178	0.00173	-5.53002405	-12.82285309	-8.77128124	-11.64421368	-4.57237959
179	0.00174	-4.27771997	-10.90756512	-9.43426609	-10.8338995	-3.6147356
180	0.00175	-3.09908104	-8.91861153	-10.31824493	-12.67552376	-4.27771997
181	0.00176	-1.62578213	-7.88730192	-9.80259037	-13.70683289	-4.13039017
182	0.00177	-3.02541614	-7.51897764	-8.99227619	-13.5595026	-4.49871492
183	0.00178	-5.45635891	-6.56133318	-8.03463173	-10.46557522	-3.68840051
184	0.00179	-6.04567862	-7.22431755	-10.02358532	-8.99227619	-3.39374065
185	0.0018	-5.1616993	-8.99227619	-10.53923988	-9.06594086	-3.98306036
186	0.00181	-6.34033823	-9.50793076	-10.61290455	-11.34955406	-3.83573031
187	0.00182	-7.07698774	-8.91861153	-10.31824493	-12.08620358	-2.73075628
188	0.00183	-5.01436949	-7.00332308	-11.05489445	-12.67552376	-5.1616993
189	0.00184	-1.4047873	-6.85599279	-10.76023483	-11.20222473	-6.34033823
190	0.00185	-3.09908104	-8.69761658	-10.31824493	-10.46557522	-5.751019
191	0.00186	-5.60368919	-8.84494591	-10.31824493	-10.90756512	-3.24641085
192	0.00187	-5.23536444	-6.63499832	-10.24458027	-12.08620358	-3.09908104
193	0.00188	-2.43609643	-6.92965794	-10.24458027	-11.20222473	-3.09908104
194	0.00189	-3.4674058	-9.36060143	-10.76023483	-11.05489445	-4.57237959
195	0.0019	-4.79337454	-9.7289257	-10.31824493	-12.01253891	-3.98306036
196	0.00191	-5.60368919	-6.41400337	-10.31824493	-12.52819347	-4.05672503
197	0.00192	-4.64604473	-5.1616993	-10.02358532	-10.90756512	-4.20405531
198	0.00193	-4.57237959	-8.03463173	-10.31824493	-10.76023483	-5.08803463
199	0.00194	-3.32007575	-9.94992065	-9.13960648	-11.12855911	-3.83573031
200	0.00195	-3.83573031	-7.66630745	-9.06594086	-11.12855911	-2.95175099
201	0.00196	-5.45635891	-6.41400337	-10.68657017	-9.87625599	-2.28876662
202	0.00197	-7.59264231	-8.84494591	-12.23353386	-10.1709156	-4.13039017
203	0.00198	-6.63499832	-9.58159542	-10.98122978	-10.09724998	-3.98306036
204	0.00199	-4.94070435	-8.03463173	-9.7289257	-12.15986919	-4.20405531
205	0.002	-4.27771997	-6.70866299	-10.61290455	-12.89651775	-4.20405531
206	0.00201	-5.751019	-8.99227619	-11.34955406	-12.82285309	-4.57237959
207	0.00202	-5.01436949	-10.24458027	-10.90756512	-10.46557522	-3.6147356
208	0.00203	-3.83573031	-9.13960648	-9.87625599	-10.61290455	-2.87808609
209	0.00204	-4.27771997	-6.78232813	-7.37164736	-11.42321968	-1.99410689
210	0.00205	-7.37164736	-6.34033823	-7.59264231	-12.01253891	-2.95175099
211	0.00206	-7.73997211	-7.07698774	-10.1709156	-11.49688435	-3.39374065
212	0.00207	-4.94070435	-7.81363726	-12.30719852	-12.52819347	-3.98306036
213	0.00208	-3.09908104	-6.78232813	-10.46557522	-12.67552376	-4.42504978
214	0.00209	-5.01436949	-5.53002405	-9.21327114	-13.41217232	-7.00332308
215	0.0021	-5.45635891	-6.92965794	-10.1709156	-12.82285309	-6.56133318
216	0.00211	-5.38269424	-9.43426609	-11.7178793	-12.36086319	-4.57237959
217	0.00212	-6.04567862	-7.96096706	-11.64421368	-11.34955406	-2.80442119
218	0.00213	-7.66630745	-7.15065289	-10.90756512	-11.20222473	-3.83573031
219	0.00214	-5.82468367	-9.13960648	-10.61290455	-10.90756512	-3.6147356
220	0.00215	-3.68840051	-9.65526104	-10.1709156	-11.86520863	-4.05672503
221	0.00216	-2.95175099	-7.07698774	-9.58159542	-12.23353386	-4.13039017
222	0.00217	-4.49871492	-5.89834881	-10.02358532	-12.23353386	-5.3090291
223	0.00218	-4.49871492	-6.63499832	-10.8338995	-10.90756512	-4.13039017
224	0.00219	-4.13039017	-7.4453125	-12.23353386	-10.68657017	-3.83573031
225	0.0022	-2.95175099	-7.22431755	-12.23353386	-10.90756512	-3.17274594
226	0.00221	-3.4674058	-8.03463173	-11.7178793	-11.79154396	-4.35138512
227	0.00222	-4.05672503	-8.55028629	-10.09724998	-11.49688435	-4.64604473
228	0.00223	-5.3090291	-8.10829735	-9.06594086	-12.08620358	-5.1616993
229	0.00224	-4.71970987	-6.70866299	-8.32929134	-12.23353386	-4.05672503
230	0.00225	-5.45635891	-8.32929134	-9.13960648	-12.52819347	-5.1616993
231	0.00226	-6.70866299	-8.77128124	-9.7289257	-12.08620358	-5.67735386
232	0.00227	-6.41400337	-7.73997211	-10.1709156	-12.45452881	-4.64604473
233	0.00228	-3.09908104	-5.89834881	-10.53923988	-12.23353386	-2.28876662

	AI	AJ	AK	AL	AM	AN
175	-2.87808609	2.39874315	5.72221136	1.88175917	2.62030768	3.87583995
176	-2.28876662	2.62030768	7.12545347	2.9157269	0.99550092	3.06343675
177	-2.65709138	2.9157269	6.83003378	6.31305027	2.32488823	3.3588562
178	-1.47845232	2.32488823	6.01763058	7.49472761	2.32488823	2.62030768
179	-0.9627977	2.47259784	6.38690472	6.38690472	1.88175917	2.32488823
180	-1.92044199	1.21706545	6.0914855	5.35293722	1.80790424	1.88175917
181	-4.64604473	2.62030768	5.42679167	5.20522738	5.2790823	3.50656581
182	-4.42504978	3.65427542	5.79606628	4.98366261	5.42679167	3.06343675
183	-5.01436949	3.21114635	7.86400175	4.24511433	4.61438847	2.02946877
184	-5.01436949	2.02946877	7.86400175	3.94969487	3.06343675	0.478517
185	-4.86703968	2.9157269	5.57450151	5.42679167	3.43271089	-0.03846694
186	-2.80442119	3.21114635	4.09740448	5.64835644	3.43271089	0.55237186
187	-2.28876662	3.06343675	4.83595324	4.24511433	4.02354956	1.73404944
188	-4.13039017	1.66019464	6.75617933	3.3588562	3.65427542	0.99550092
189	-7.07698774	1.51248491	6.46075964	5.2790823	3.65427542	2.9157269
190	-6.19300842	1.29092038	4.39282417	5.79606628	2.69416237	4.98366261
191	-3.5410707	3.06343675	3.94969487	5.05751753	1.88175917	4.31896925
192	-2.50976157	3.58042073	6.68232441	6.23919535	2.17717862	0.70008153
193	-4.13039017	3.21114635	7.86400175	7.79014683	3.65427542	0.40466216
194	-4.27771997	0.84779125	7.79014683	6.01763058	4.46667862	1.43862998
195	-4.64604473	0.84779125	7.49472761	4.24511433	3.3588562	2.62030768
196	-4.71970987	2.62030768	8.52869511	4.02354956	1.36477518	1.21706545
197	-5.1616993	3.87583995	8.52869511	4.54053354	1.80790424	1.21706545
198	-3.83573031	2.02946877	7.49472761	3.06343675	3.80198526	1.21706545
199	-3.09908104	2.54645276	6.60846949	5.2790823	4.54053354	2.62030768
200	-2.58342648	4.76209831	6.53461456	8.30713081	3.13729167	1.80790424
201	-4.57237959	5.86992073	6.9038887	8.60255051	3.68042073	0.84779125
202	-5.89834881	3.50656581	7.27316332	5.72221136	5.13137245	0.10924275
203	-6.11934376	1.73404944	8.8241148	4.83595324	6.9038887	3.28500128
204	-3.83573031	2.02946877	8.67640495	5.57450151	5.72221136	5.13137245
205	-4.79337454	4.61438847	7.27316332	6.9038887	4.09740448	3.80198526
206	-4.42504978	5.05751753	6.31305027	7.1993084	3.3588562	-0.18617664
207	-3.32007575	3.80198526	8.8979702	5.57450151	5.20522738	-1.22014451
208	-1.92044199	3.3588562	9.63651848	4.54053354	4.39282417	0.3308073
209	-3.98306036	4.54053354	8.15942097	6.0914855	2.9157269	1.88175917
210	-5.53002405	3.50656581	6.9038887	8.38098621	2.25103331	1.80790424
211	-5.45635891	1.73404944	7.79014683	8.38098621	3.72813034	1.66019464
212	-3.68840051	2.76801729	8.67640495	7.64243746	3.72813034	1.43862998
213	-2.58342648	5.35293722	9.34109879	7.93785667	4.31896925	1.06935585
214	-1.99410689	4.54053354	8.15942097	7.42087269	3.06343675	0.3308073
215	-2.28876662	3.94969487	7.12545347	5.72221136	1.73404944	1.43862998
216	-2.14143682	4.24511433	6.9038887	5.35293722	0.99550092	1.14321065
217	-3.5410707	5.13137245	6.68232441	6.97774363	2.25103331	1.36477518
218	-4.13039017	3.50656581	5.50064659	7.56858253	3.43271089	0.55237186
219	-3.09908104	3.65427542	5.35293722	7.1993084	3.68042073	0.40466216
220	-1.4047873	3.87583995	6.31305027	6.60846949	2.9157269	-1.36785424
221	-5.08803463	4.39282417	6.83003378	6.9038887	3.3588562	-1.51556396
222	-8.55028629	2.9157269	6.31305027	7.79014683	3.50656581	-0.99857998
223	-7.15065289	2.54645276	6.46075964	8.45484066	3.3588562	0.478517
224	-2.28876662	3.13729167	7.93785667	7.1993084	1.73404944	-0.70316058
225	-2.65709138	5.42679167	9.85808277	5.2790823	2.17717862	-0.70316058
226	-4.42504978	5.72221136	9.63651848	5.13137245	3.80198526	0.1830976
227	-4.20405531	4.31896925	8.52869511	7.27316332	4.39282417	1.73404944
228	-1.18379247	2.25103331	7.93785667	8.38098621	3.06343675	1.36477518
229	-2.21510172	2.9157269	9.04567909	8.52869511	2.84187222	0.99550092
230	-3.76206541	3.3588562	9.11953449	8.08556652	3.21114635	-0.48159602
231	-4.57237959	3.21114635	9.26724434	8.67640495	3.06343675	-0.62930572
232	-3.83573031	2.1033237	9.04567909	9.71037292	1.58633971	-0.03846694
233	-4.13039017	2.9157269	9.19338894	10.00579262	2.54645276	1.88175917

	AO	AP	AQ	AR	AS	AT
175	-0.26003149	10.90275478	5.99414921	-8.91861153	-5.67735386	3.33423781
176	-1.07243478	8.84013653	5.55102015	-8.86950111	-6.92965794	4.22049618
177	-1.8109833	8.0298214	5.77258492	-8.59939671	-6.53677845	5.35293674
178	0.25695246	7.88249207	5.47716522	-9.04138565	-5.89834833	5.2790823
179	1.06935585	9.20846081	4.3693428	-8.20651722	-5.13714409	5.08213568
180	0.84779125	10.60809422	3.18766499	-7.4453125	-6.29122877	4.22049618
181	-1.07243478	11.6394043	2.89224553	-6.4385581	-7.49442244	4.41744232
182	-0.62930572	10.68175983	4.66476202	-6.51222324	-7.49442244	4.81133461
183	-0.18617664	8.98746586	6.28956842	-6.68410778	-6.38944817	5.1067543
184	1.21706545	7.66149712	5.84643936	-7.76452732	-5.80012894	4.61438847
185	1.66019464	9.28212547	5.99414921	-8.23107147	-5.97201347	4.63900661
186	3.06343675	7.73516178	4.73861694	-8.8203907	-5.99656868	4.31896925
187	3.21114635	7.36683702	4.96018124	-8.77128124	-5.70190907	4.04816818
188	2.76801729	7.58783197	4.14777803	-7.69086218	-7.3225379	3.92507672
189	0.3308073	10.53442955	4.81247187	-6.34033823	-8.20651722	4.41744232
190	0.478517	12.59704781	4.07392311	-7.37164736	-7.46986771	3.82660365
191	1.73404944	10.90275478	3.33537459	-8.25562668	-5.89834881	4.02354956
192	1.80790424	8.10348701	4.3693428	-7.37164783	-5.89834881	5.50064659
193	-0.18617664	8.17715168	7.02811718	-6.53677845	-6.14389849	6.28843164
194	-0.85087025	10.3134346	7.76666546	-7.86274719	-6.63499784	4.88518953
195	-0.62930572	12.44971848	6.88040733	-8.28018188	-6.880548	4.19587755
196	0.40466216	11.34474373	4.51705217	-7.4453125	-7.10154295	5.05751753
197	0.1830976	10.60809422	5.03403616	-6.61044312	-6.7577734	5.64835644
198	-0.33388633	9.87144566	4.96018124	-7.64175224	-6.56133318	4.19587755
199	-1.36785424	9.35579109	6.88040733	-7.46986771	-6.02112341	4.81133461
200	0.10924275	9.42945576	8.28364944	-6.85599279	-5.55457878	6.53461456
201	1.66019464	10.60809422	6.73269796	-7.51897764	-5.67913399	7.12545347
202	2.76801729	11.1974144	3.9262135	-9.55704117	-6.73321819	5.50064659
203	1.21706545	10.01877499	2.89224553	-9.06594086	-6.73321819	5.13137245
204	2.32488823	7.95615673	3.03995538	-7.5680871	-6.73321819	5.42679167
205	3.3588562	7.95615673	5.03403616	-7.19976234	-7.29798269	6.2638135
206	3.21114635	6.7775178	4.07392311	-8.69761658	-7.27342749	6.18995857
207	2.17717862	8.39814663	3.63079405	-8.72217178	-5.80012894	6.0914855
208	3.87583995	8.69280624	2.89224553	-7.61719751	-5.13714409	5.84530258
209	3.94969487	9.28212547	5.4033103	-6.14389849	-5.80012894	6.2638135
210	3.94969487	8.25081635	7.1019721	-7.10154247	-6.83143806	6.2638135
211	3.21114635	8.98746586	6.73269796	-8.3292923	-6.78232813	5.96839428
212	3.21114635	9.50312042	5.18174601	-8.35384655	-6.73321819	6.36228657
213	3.72813034	10.09243965	5.25560093	-6.78232813	-6.56133318	7.54396439
214	4.02354956	9.42945576	5.99414921	-6.58588839	-7.46986723	6.70694256
215	2.62030768	10.01877499	6.73269796	-7.51897764	-7.22431755	5.59912014
216	1.95561397	9.35579109	5.55102015	-8.84494686	-6.36489296	5.50064659
217	0.99550092	10.3134346	5.92029428	-8.55028629	-5.89834881	6.2638135
218	1.14321065	9.42945576	6.14185905	-8.5748415	-6.38944817	5.52526474
219	1.73404944	9.72411537	7.02811718	-8.52573204	-5.87379408	5.40217352
220	3.87583995	10.68175983	7.24968147	-7.83819246	-5.77557373	5.59912014
221	2.9157269	11.6394043	7.3235364	-6.53677797	-7.15065289	6.04224873
222	0.84779125	11.1974144	8.65292358	-6.80688286	-6.69761658	5.67297459
223	0.478517	8.69280624	8.80063343	-7.32253742	-7.39620256	5.82068443
224	3.3588562	7.07217741	7.02811718	-7.93641233	-5.60368919	6.0914855
225	3.94969487	8.39814663	6.28956842	-7.46986771	-5.57913399	6.8546524
226	2.62030768	9.94511032	6.58498812	-7.73997211	-6.85599279	6.83003426
227	-0.48159602	11.34474373	7.61895609	-7.5680871	-6.78232813	6.70694256
228	-2.18025756	10.38710022	5.84643936	-7.49442244	-6.14389849	6.18995857
229	-3.36193514	10.01877499	5.99414921	-6.58588791	-6.16845369	6.83003378
230	-1.07243478	8.0298214	5.10789108	-7.64175224	-7.15065289	6.8546524
231	1.58633971	9.65045071	6.21571398	-8.40295696	-7.4453125	7.05159855
232	2.69416237	11.41840935	5.4033103	-8.10829735	-6.97876787	6.953125
233	1.29092038	11.05008411	4.00006819	-6.51222324	-6.21756363	7.37163639

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175	2.07870531
176	0.99550098
177	1.29092038
178	1.73404944
179	1.75866771
180	1.51248491
181	2.57107115
182	2.62030745
183	2.15256023
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185	1.6848129
186	2.34950638
187	2.98958182
188	2.47259784
189	2.30026984
190	2.71878076
191	2.64492607
192	1.56172144
193	1.29092026
194	1.68481278
195	1.78328609
196	0.99550092
197	1.06935573
198	1.56172144
199	1.9309957
200	1.6848129
201	2.02946877
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203	3.80198526
204	4.39282417
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206	2.12794209
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223	1.4386301
224	1.46324837
225	1.80790424
226	2.20179677
227	1.88175917
228	0.74931812
229	0.15847933
230	0.55237186
231	1.34015691
232	1.41401172
233	1.90637743

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
234								-0.02720	-6.41	2.10	-7.74	9.05	-10.17	9.71
235								-0.02710	-3.10	2.92	-5.90	9.19	-10.54	10.01
236								-0.02700	-4.06	3.21	-6.19	8.45	-10.61	10.15
237								-0.02690	-6.63	4.25	-6.86	7.57	-10.69	11.11
238								-0.02680	-7.37	3.36	-7.81	6.02	-11.50	10.67
239								-0.02670	-4.35	2.47	-8.11	6.31	-11.79	9.27
240								-0.02660	-3.84	2.32	-8.33	8.53	-12.23	7.94
241								-0.02650	-4.94	4.54	-8.84	10.08	-12.16	7.86
242								-0.02640	-4.43	5.21	-8.03	9.71	-11.79	8.23
243								-0.02630	-2.66	3.21	-6.63	7.49	-11.28	7.94
244								-0.02620	-4.06	1.59	-6.41	6.09	-10.83	7.64
245								-0.02610	-6.19	3.95	-6.93	6.76	-10.69	7.13
246								-0.02600	-6.41	6.24	-7.67	7.05	-10.54	6.90
247								-0.02590	-4.28	5.43	-7.81	8.01	-11.05	6.39
248								-0.02580	-3.84	1.88	-8.77	8.45	-11.05	5.65
249								-0.02570	-5.60	.55	-8.26	8.68	-10.61	6.68
250								-0.02560	-7.30	1.00	-6.71	7.64	-10.91	8.38
251								-0.02550	-4.72	2.25	-5.24	8.23	-12.38	8.16
252								-0.02540	-3.32	2.92	-6.78	8.90	-12.97	6.90
253								-0.02530	-3.10	4.10	-9.43	8.16	-10.76	6.46
254								-0.02520	-4.50	3.06	-11.35	5.35	-10.02	6.31
255								-0.02510	-4.72	3.14	-9.73	5.50	-11.79	5.72
256								-0.02500	-5.60	3.36	-7.59	7.49	-13.26	4.25
257								-0.02490	-5.60	4.10	-7.37	7.86	-10.91	4.98
258								-0.02480	-5.75	3.65	-8.99	6.02	-8.26	4.91
259								-0.02470	-4.94	3.21	-8.33	5.50	-8.48	3.95
260								-0.02460	-5.75	2.55	-8.11	4.98	-10.91	4.47
261								-0.02450	-6.86	4.10	-7.96	5.35	-11.57	6.90
262								-0.02440	-7.81	3.95	-8.55	6.68	-10.98	7.79
263								-0.02430	-5.46	2.62	-8.33	8.53	-11.94	6.39
264								-0.02420	-4.72	.11	-8.84	7.20	-12.68	5.13
265								-0.02410	-4.72	-.56	-9.66	5.28	-11.87	5.57
266								-0.02400	-6.12	-.04	-9.58	5.67	-11.20	6.31
267								-0.02390	-6.78	1.73	-7.74	8.75	-10.61	5.87
268								-0.02380	-5.75	3.73	-6.19	9.41	-9.88	5.72
269								-0.02370	-3.98	4.76	-5.46	8.68	-9.36	5.43
270								-0.02360	-3.84	3.06	-8.18	6.02	-9.43	4.02
271								-0.02350	-4.50	1.81	-10.61	5.43	-9.80	1.73
272								-0.02340	-5.60	1.36	-10.47	6.46	-10.10	2.84
273								-0.02330	-5.46	2.32	-6.41	9.64	-11.20	6.61
274								-0.02320	-4.87	2.69	-5.46	9.27	-12.68	8.16
275								-0.02310	-2.80	3.95	-7.45	7.05	-12.53	6.09
276								-0.02300	-3.84	4.84	-8.62	4.69	-10.91	4.54
277								-0.02290	-6.41	4.10	-7.37	4.84	-8.48	5.94
278								-0.02280	-6.93	2.32	-7.22	4.10	-7.96	6.24
279								-0.02270	-4.65	3.06	-7.96	4.61	-9.73	4.47
280								-0.02260	-3.61	4.69	-8.55	6.61	-12.23	2.47
281								-0.02250	-4.72	4.54	-7.96	8.68	-11.64	3.21
282								-0.02240	-5.46	3.14	-8.11	7.27	-10.17	4.54
283								-0.02230	-4.94	3.06	-7.22	5.43	-9.73	4.47
284								-0.02220	-5.46	2.18	-6.78	6.09	-10.02	2.25
285								-0.02210	-4.65	3.36	-7.00	7.57	-8.84	1.36
286								-0.02200	-4.50	4.02	-7.52	7.05	-8.70	4.25
287								-0.02190	-4.65	2.77	-6.78	6.02	-11.13	5.87
288								-0.02180	-5.90	.04	-6.34	6.02	-12.97	4.91
289								-0.02170	-4.87	1.00	-6.49	6.98	-11.13	3.95
290								-0.02160	-4.65	4.10	-6.63	7.20	-8.26	3.21
291								-0.02150	-5.16	5.43	-6.63	6.76	-9.80	2.92
292								-0.02140	-5.53	2.84	-8.26	5.50	-11.35	2.62

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
234	-12.45	1.59	-4.65	-.04	-3.84	2.69	-.002720	11.42	5.40	-8.11	6.95	-6.98	1.41	
235	-12.23	2.55	-2.29	1.88	-4.13	1.29	-.002710	11.05	4.00	-6.51	7.37	-6.22	1.91	
236	-12.45	3.80	-2.95	2.18	-3.76	77	-.002700	8.99	3.41	-6.95	7.27	-6.39	2.25	
237	-11.42	4.61	-3.76	1.07	-3.98	63	-.002690	8.25	4.59	-8.06	7.64	-6.39	2.10	
238	-11.57	3.29	-4.20	.04	-2.36	1.73	-.002680	7.66	4.52	-8.89	6.68	-6.05	1.68	
239	-12.23	1.88	-2.80	.55	-1.92	1.51	-.002670	8.18	3.63	-8.08	6.02	-5.65	1.32	
240	-13.04	.70	-2.22	1.00	-2.58	92	-.002660	8.91	3.19	-8.13	6.26	-5.95	.87	
241	-11.28	2.18	-2.22	1.66	-4.43	26	-.002650	11.42	5.18	-8.65	7.49	-5.97	1.36	
242	-9.73	3.14	-3.98	.70	-2.73	1.73	-.002640	10.76	6.58	-8.08	7.72	-5.48	1.86	
243	-10.32	2.25	-3.61	1.22	-2.07	1.66	-.002630	8.99	7.84	-6.86	6.21	-5.33	1.71	
244	-12.45	1.07	-3.25	.40	-2.95	1.36	-.002620	8.55	8.51	-7.10	5.11	-6.22	.95	
245	-10.98	2.25	-2.22	-.19	-4.43	1.22	-.002610	9.36	7.40	-7.94	5.94	-5.87	1.09	
246	-9.95	1.22	-3.10	-1.37	-2.44	1.36	-.002600	9.36	4.30	-8.21	6.73	-5.16	.40	
247	-11.42	-.78	-1.92	.40	-2.36	-.41	-.002590	9.72	3.70	-7.72	6.61	-5.24	-.26	
248	-13.78	-.33	-2.14	.48	-2.36	-.04	-.002580	10.02	7.03	-7.89	5.33	-6.09	.04	
249	-12.97	4.10	-1.99	.11	-4.35	.55	-.002570	11.05	11.61	-8.16	5.30	-6.44	1.59	
250	-11.20	3.65	-3.39	.11	-4.57	63	-.002560	9.72	8.51	-8.30	5.67	-6.39	1.46	
251	-10.61	-.70	-3.32	2.40	-4.28	-1.44	-.002550	10.17	5.11	-7.45	6.21	-6.07	.08	
252	-12.60	-2.84	-4.28	1.44	-1.99	-.48	-.002540	8.84	4.22	-7.69	6.24	-6.29	-.63	
253	-12.60	1.29	-4.43	-.41	-2.07	1.44	-.002530	9.80	8.51	-7.76	6.24	-6.36	.77	
254	-13.26	3.73	-4.79	.11	-3.25	3.14	-.002520	9.43	8.95	-8.62	4.91	-7.10	2.32	
255	-13.04	2.69	-4.20	3.06	-4.94	1.14	-.002510	9.65	6.81	-8.75	4.79	-7.40	2.30	
256	-13.41	-.04	-3.54	2.55	-3.32	-.78	-.002500	7.66	5.70	-8.82	5.03	-6.76	.58	
257	-12.53	.63	-2.07	1.14	-1.92	-1.07	-.002490	6.48	7.10	-7.96	5.65	-5.51	.23	
258	-12.31	2.10	-3.10	.77	-1.18	-.19	-.002480	7.96	7.47	-7.67	4.86	-5.53	.90	
259	-10.61	3.14	-4.28	2.47	-2.44	-1.00	-.002470	10.31	6.51	-7.25	4.22	-5.78	1.54	
260	-11.20	1.59	-4.43	2.40	-3.54	-2.55	-.002460	8.99	4.37	-8.26	4.00	-6.39	.48	
261	-10.54	.92	-3.61	4.76	-4.06	-2.25	-.002450	8.55	4.81	-8.80	5.45	-6.07	1.14	
262	-9.95	.70	-5.31	4.69	-3.39	.04	-.002440	9.36	4.07	-9.12	6.14	-6.22	1.81	
263	-9.88	.92	-5.16	2.92	-3.47	.70	-.002430	12.45	5.33	-8.57	5.85	-6.17	1.51	
264	-12.53	-.26	-2.88	1.29	-3.17	.11	-.002420	11.93	5.99	-8.75	4.15	-6.19	.38	
265	-12.53	-.63	-.96	3.29	-2.51	-.78	-.002410	9.13	5.85	-8.75	3.43	-5.33	.63	
266	-11.42	.85	-4.43	3.88	-2.22	-.04	-.002400	6.92	5.26	-8.97	4.05	-6.02	1.56	
267	-12.01	1.22	-5.46	4.91	-3.54	1.00	-.002390	7.88	5.85	-8.38	5.45	-7.00	2.37	
268	-13.93	.40	-5.60	4.17	-2.66	1.51	-.002380	10.46	5.92	-7.27	6.29	-7.40	2.03	
269	-13.12	1.88	-6.05	3.80	-1.63	-.04	-.002370	10.90	6.14	-6.27	6.29	-6.93	1.88	
270	-11.79	4.10	-7.08	2.40	-1.26	-1.00	-.002360	7.66	4.37	-7.15	4.37	-6.71	1.83	
271	-12.09	3.14	-3.84	3.21	-3.91	-1.29	-.002350	8.03	5.26	-8.30	2.99	-6.61	1.68	
272	-13.19	.48	-2.22	2.55	-5.46	-.41	-.002340	8.32	5.62	-8.72	3.56	-6.95	.87	
273	-12.09	1.66	-2.80	2.77	-5.53	-1.07	-.002330	9.21	7.18	-7.69	6.19	-6.81	1.12	
274	-11.87	2.55	-4.28	2.47	-3.76	-.41	-.002320	7.81	6.58	-7.67	6.71	-6.63	1.54	
275	-10.98	2.69	-3.84	2.18	-3.54	-.92	-.002310	8.69	7.03	-7.59	5.70	-6.12	1.32	
276	-11.79	2.25	-3.25	2.62	-3.10	-.04	-.002300	10.09	6.66	-7.79	4.69	-6.05	1.61	
277	-11.42	3.21	-3.91	3.95	-2.73	-.63	-.002290	11.34	5.77	-7.42	4.96	-6.02	2.18	
278	-11.13	2.40	-6.56	3.73	-1.11	.26	-.002280	10.76	5.40	-7.37	4.22	-6.27	2.13	
279	-10.39	1.59	-8.40	2.92	-2.14	.40	-.002270	11.05	5.55	-7.45	4.05	-6.98	1.64	
280	-12.31	.33	-7.52	4.02	-2.95	1.88	-.002260	10.02	3.70	-8.13	4.59	-7.59	2.08	
281	-12.09	2.47	-5.60	6.53	-3.69	1.96	-.002250	9.28	2.97	-8.11	5.48	-7.13	3.65	
282	-10.83	5.06	-6.93	6.02	-3.47	1.73	-.002240	7.44	2.23	-7.91	4.98	-7.08	4.27	
283	-10.02	5.50	-7.37	5.06	-3.91	1.88	-.002230	8.25	4.52	-7.30	4.32	-7.10	4.15	
284	-12.90	1.73	-6.19	5.43	-3.32	2.99	-.002220	8.99	5.40	-7.42	3.51	-7.47	3.38	
285	-12.01	1.00	-5.53	6.46	-3.03	2.62	-.002210	11.05	6.14	-6.83	4.10	-6.86	3.36	
286	-10.02	3.14	-8.62	5.43	-2.80	2.77	-.002200	10.02	4.66	-6.91	5.11	-7.15	3.78	
287	-9.66	6.53	-8.26	6.53	-2.66	3.65	-.002190	8.40	3.48	-7.52	4.89	-6.86	5.57	
288	-12.90	5.87	-5.68	8.45	-2.80	4.98	-.002180	8.10	3.34	-8.40	3.65	-7.13	6.44	
289	-12.38	5.94	-3.76	10.08	-4.06	4.61	-.002170	10.24	5.55	-7.49	3.97	-6.73	6.88	
290	-10.61	5.94	-6.41	6.98	-2.51	4.98	-.002160	11.79	5.85	-6.51	4.84	-6.51	5.97	
291	-11.05	5.28	-7.81	5.57	-.89	5.43	-.002150	12.60	5.62	-7.20	5.03	-6.59	5.43	
292	-13.56	2.99	-6.93	5.72	-.74	5.50	-.002140	9.28	4.07	-8.38	3.65	-7.08	4.74	

	AC	AD	AE	AF	AG	AH
234	0.00229	-4.05672503	-6.19300842	-10.61290455	-12.45452881	-2.95175099
235	0.0023	-6.63499832	-6.85599279	-10.68657017	-11.42321968	-3.76206541
236	0.00231	-7.37164736	-7.81363726	-11.49688435	-11.57054901	-4.20405531
237	0.00232	-4.35138512	-8.10829735	-11.79154396	-12.23353386	-2.80442119
238	0.00233	-3.83573031	-8.32929134	-12.23353386	-13.04384804	-2.21510172
239	0.00234	-4.94070435	-8.84494591	-12.15986919	-11.2758894	-2.21510172
240	0.00235	-4.42504978	-8.03463173	-11.79154396	-9.7289257	-3.98306036
241	0.00236	-2.65709138	-6.63499832	-11.2758894	-10.31824493	-3.6147356
242	0.00237	-4.05672503	-6.41400337	-10.8338995	-12.45452881	-3.24641085
243	0.00238	-6.19300842	-6.92965794	-10.68657017	-10.96122978	-2.21510172
244	0.00239	-6.41400337	-7.66630745	-10.53923988	-9.94992065	-3.09908104
245	0.0024	-4.27771997	-7.81363726	-11.05489445	-11.42321968	-1.92044199
246	0.00241	-3.83573031	-8.77128124	-11.05489445	-13.78049755	-2.14143682
247	0.00242	-5.60368919	-8.25562668	-10.61290455	-12.97018337	-1.99410689
248	0.00243	-7.29798269	-6.70866299	-10.90756512	-11.20222473	-3.39374065
249	0.00244	-4.71970987	-5.23536444	-12.38086319	-10.61290455	-3.32007575
250	0.00245	-3.32007575	-6.78232813	-12.97018337	-12.60185814	-4.27771997
251	0.00246	-3.09908104	-9.43426609	-10.76023483	-12.60185814	-4.42504978
252	0.00247	-4.49871492	-11.34955406	-10.02358532	-13.26484299	-4.79337454
253	0.00248	-4.71970987	-9.7289257	-11.79154396	-13.04384804	-4.20405531
254	0.00249	-5.60368919	-7.59264231	-13.26484299	-13.41217232	-3.5410707
255	0.0025	-5.60368919	-7.37164736	-10.90756512	-12.52819347	-2.06777191
256	0.00251	-5.751019	-8.99227619	-8.25562668	-12.30719852	-3.09908104
257	0.00252	-4.94070435	-8.32929134	-8.47662163	-10.61290455	-4.27771997
258	0.00253	-5.751019	-8.10829735	-10.90756512	-11.20222473	-4.42504978
259	0.00254	-6.85599279	-7.96096706	-11.57054901	-10.53923988	-3.6147356
260	0.00255	-7.81363726	-8.55028629	-10.96122978	-9.94992065	-5.3090291
261	0.00256	-5.45635891	-8.32929134	-11.93887424	-9.87625599	-5.1616993
262	0.00257	-4.71970987	-8.84494591	-12.67552376	-12.52819347	-2.87808609
263	0.00258	-4.71970987	-9.65526104	-11.86520863	-12.52819347	-0.9627977
264	0.00259	-6.11934376	-9.58159542	-11.20222473	-11.42321968	-4.42504978
265	0.0026	-6.78232813	-7.73997211	-10.61290455	-12.01253891	-5.45635891
266	0.00261	-5.751019	-6.19300842	-9.87625599	-13.92782688	-5.60368919
267	0.00262	-3.98306036	-5.45635891	-9.36060143	-13.1175127	-6.04567862
268	0.00263	-3.83573031	-8.18196201	-9.43426609	-11.79154396	-7.07698774
269	0.00264	-4.49871492	-10.61290455	-9.80259037	-12.08620358	-3.83573031
270	0.00265	-5.60368919	-10.46557522	-10.09724998	-13.19117832	-2.21510172
271	0.00266	-5.45635891	-6.41400337	-11.20222473	-12.08620358	-2.80442119
272	0.00267	-4.86703968	-5.45635891	-12.67552376	-11.86520863	-4.27771997
273	0.00268	-2.80442119	-7.4453125	-12.52819347	-10.96122978	-3.83573031
274	0.00269	-3.83573031	-8.62395191	-10.90756512	-11.79154396	-3.24641085
275	0.0027	-6.41400337	-7.37164736	-8.47662163	-11.42321968	-3.90939546
276	0.00271	-6.92965794	-7.22431755	-7.96096706	-11.12855911	-6.56133318
277	0.00272	-4.64604473	-7.96096706	-9.7289257	-10.39191055	-8.40295696
278	0.00273	-3.6147356	-8.55028629	-12.23353386	-12.30719852	-7.51897764
279	0.00274	-4.71970987	-7.96096706	-11.64421368	-12.08620358	-5.60368919
280	0.00275	-5.45635891	-8.10829735	-10.1709156	-10.8338995	-6.92965794
281	0.00276	-4.94070435	-7.22431755	-9.7289257	-10.02358532	-7.37164736
282	0.00277	-5.45635891	-6.78232813	-10.02358532	-12.89651775	-6.19300842
283	0.00278	-4.64604473	-7.00332308	-8.84494591	-12.01253891	-5.53002405
284	0.00279	-4.49871492	-7.51897764	-8.69761658	-10.02358532	-8.62395191
285	0.0028	-4.64604473	-6.78232813	-11.12855911	-9.65526104	-8.25562668
286	0.00281	-5.89834881	-6.34033823	-12.97018337	-12.89651775	-5.67735386
287	0.00282	-4.86703968	-6.48766804	-11.12855911	-12.38086319	-3.76206541
288	0.00283	-4.64604473	-6.63499832	-8.25562668	-10.61290455	-6.41400337
289	0.00284	-5.1616993	-6.63499832	-9.80259037	-11.05489445	-7.81363726
290	0.00285	-5.53002405	-8.25562668	-11.34955406	-13.5595026	-6.92965794
291	0.00286	-3.39374065	-9.43426609	-10.1709156	-14.44348145	-3.02541614
292	0.00287	-3.24641085	-9.36060143	-9.80259037	-13.70683289	-2.14143682

	AI	AJ	AK	AL	AM	AN
234	-3.76206541	3.21114635	8.45484066	10.15350246	3.80198526	2.17717862
235	-3.98306036	4.24511433	7.56858253	11.11361504	4.61438847	1.06935585
236	-2.36243153	3.3588562	6.01763058	10.67048645	3.28500128	0.03538791
237	-1.92044199	2.47259784	6.31305027	9.26724434	1.88175917	0.55237186
238	-2.58342648	2.32488823	8.52869511	7.93785667	0.70008153	0.99550092
239	-4.42504978	4.54053354	10.07964706	7.86400175	2.17717862	1.66019464
240	-2.73075628	5.20522738	9.71037292	8.23327637	3.13729167	0.70008153
241	-2.06777191	3.21114635	7.49472761	7.93785667	2.25103331	1.21706545
242	-2.95175099	1.58633971	6.0914855	7.64243746	1.06935585	0.40466216
243	-4.42504978	3.94969487	6.75617933	7.12545347	2.25103331	-0.18617664
244	-2.43609643	6.23919535	7.05159855	6.9038887	1.21706545	-1.36785424
245	-2.36243153	5.42679167	8.01171112	6.38690472	-0.77701545	0.40466216
246	-2.36243153	1.88175917	8.45484066	5.64835644	-0.33388633	0.478517
247	-4.35138512	0.55237186	8.67640495	6.68232441	4.09740448	0.10924275
248	-4.57237959	0.99550092	7.64243746	8.38098621	3.65427542	0.10924275
249	-4.27771997	2.25103331	8.23327637	8.15942097	-0.70316058	2.39874315
250	-1.99410689	2.9157269	8.8979702	6.9038887	-2.84495115	1.43862998
251	-2.06777191	4.09740448	8.15942097	6.46075964	1.29092038	-0.40774119
252	-3.24641085	3.06343675	5.35293722	6.31305027	3.72813034	0.10924275
253	-4.94070435	3.13729167	5.50064659	5.72221136	2.69416237	3.06343675
254	-3.32007575	3.3588562	7.49472761	4.24511433	-0.03846694	2.54645276
255	-1.92044199	4.09740448	7.86400175	4.98366261	0.62622672	1.14321065
256	-1.18379247	3.65427542	6.01763058	4.90980816	2.1033237	0.77393639
257	-2.43609643	3.21114635	5.50064659	3.94969487	3.13729167	2.47259784
258	-3.5410707	2.54645276	4.98366261	4.46667862	1.58633971	2.39874315
259	-4.05672503	4.09740448	5.35293722	6.9038887	0.92164612	4.76209831
260	-3.39374065	3.94969487	6.68232441	7.79014683	0.70008153	4.68824339
261	-3.4674058	2.62030768	8.52869511	6.38690472	0.92164612	2.9157269
262	-3.17274594	0.10924275	7.1993084	5.13137245	-0.26003149	1.29092038
263	-2.50976157	-0.5545086	5.2790823	5.57450151	-0.62930572	3.28500128
264	-2.21510172	-0.03846694	5.86992073	6.31305027	0.84779125	3.87583995
265	-3.5410707	1.73404944	8.75026035	5.86992073	1.21706545	4.90980816
266	-2.65709138	3.72813034	9.41495323	5.72221136	0.40466216	4.1712594
267	-1.62578213	4.76209831	8.67640495	5.42679167	1.88175917	3.80198526
268	-1.25745749	3.06343675	6.01763058	4.02354956	4.09740448	2.39874315
269	-3.90939546	1.80790424	5.42679167	1.73404944	3.13729167	3.21114635
270	-5.45635891	1.36477518	6.46075964	2.84187222	0.478517	2.54645276
271	-5.53002405	2.32488823	9.63651848	6.60846949	1.66019464	2.76801729
272	-3.76206541	2.69416237	9.26724434	8.15942097	2.54645276	2.47259784
273	-3.5410707	3.94969487	7.05159855	6.0914855	2.69416237	2.17717862
274	-3.09908104	4.83595324	4.68824339	4.54053354	2.25103331	2.62030768
275	-2.73075628	4.09740448	4.83595324	5.94377565	3.21114635	3.94969487
276	-1.11012757	2.32488823	4.09740448	6.23919535	2.39874315	3.72813034
277	-2.14143682	3.06343675	4.61438847	4.46667862	1.58633971	2.9157269
278	-2.95175099	4.68824339	6.60846949	2.47259784	0.3308073	4.02354956
279	-3.68840051	4.54053354	8.67640495	3.21114635	2.47259784	6.53461456
280	-3.4674058	3.13729167	7.27316332	4.54053354	5.05751753	6.01763058
281	-3.90939546	3.06343675	5.42679167	4.46667862	5.50064659	5.05751753
282	-3.32007575	2.17717862	6.0914855	2.25103331	1.73404944	5.42679167
283	-3.02541614	3.3588562	7.56858253	1.36477518	0.99550092	6.46075964
284	-2.80442119	4.02354956	7.05159855	4.24511433	3.13729167	5.42679167
285	-2.65709138	2.76801729	6.01763058	5.86992073	6.53461456	6.53461456
286	-2.80442119	0.03538791	6.01763058	4.90980816	5.86992073	8.45484066
287	-4.05672503	0.99550092	6.97774363	3.94969487	5.94377565	10.07964706
288	-2.50976157	4.09740448	7.1993084	3.21114635	5.94377565	6.97774363
289	-0.88913274	5.42679167	6.75617933	2.9157269	5.2790823	5.57450151
290	-0.74180287	2.84187222	5.50064659	2.62030768	2.98958182	5.72221136
291	-4.94070435	0.10924275	4.68824339	3.50656581	2.39874315	8.38098621
292	-6.78232813	-0.62930572	4.24511433	4.02354956	3.3588562	8.23327637

	AO	AP	AQ	AR	AS	AT
234	0.77393639	8.98746586	3.40922952	-6.95421267	-6.38944817	7.27316332
235	0.62622672	8.25081635	4.5909071	-8.05918694	-6.38944864	7.64243746
236	1.73404944	7.66149712	4.51705217	-8.89405632	-6.04567862	6.68232441
237	1.51248491	8.17715168	3.63079405	-8.08374214	-5.65279913	6.01763058
238	0.92164612	8.91380119	3.18766499	-8.1328516	-5.94745874	6.2638135
239	0.25695246	11.41840935	5.18174601	-8.64850616	-5.97201347	7.49472761
240	1.73404944	10.7554245	6.58498812	-8.08374214	-5.48091412	7.71629238
241	1.66019464	8.98746586	7.84052038	-6.85599327	-5.33358431	6.21457672
242	1.36477518	8.54547596	6.50521374	-7.10154247	-6.21756363	5.1067543
243	1.21706545	9.35579109	7.39739132	-7.93641233	-5.8737936	5.94377613
244	1.36477518	9.35579109	4.29548788	-8.20651722	-5.1616993	6.73156071
245	-0.40774119	9.72411537	3.70464897	-7.71541739	-5.23536444	6.80846901
246	-0.03846694	10.01877499	7.02811718	-7.88730192	-6.09478855	5.3283186
247	0.55237186	11.05008411	11.60711765	-8.15740681	-6.43855858	5.30370045
248	0.62622672	9.72411537	8.50521374	-8.30473709	-6.38944817	5.67297506
249	-1.44170904	10.16610527	5.10789108	-7.4453125	-6.07023335	6.21457672
250	-0.48159602	8.84013653	4.22163296	-7.69086266	-6.29122829	6.23919535
251	1.43862998	9.79778004	8.50521374	-7.76452732	-6.36489344	6.23919487
252	3.13729167	9.42945576	8.94834328	-8.62395096	-7.10154295	4.90980816
253	1.14321065	9.65045071	6.80655241	-8.74672699	-7.39620256	4.78671646
254	-0.77701545	7.66149712	5.69872999	-8.82039165	-6.75777292	5.03289938
255	-1.07243478	6.48285818	7.1019721	-7.96096706	-5.50546932	5.64835644
256	-0.18617664	7.95615673	7.47124624	-7.66630745	-5.53002405	4.86057138
257	-0.99857998	10.3134346	6.51113319	-7.24887228	-5.77557373	4.22049618
258	-2.5495317	8.98746586	4.3693428	-8.25562668	-6.38944817	3.99893141
259	-2.25411248	8.54547596	4.81247187	-8.79583645	-6.07023335	5.45141029
260	0.03538791	9.35579109	4.07392311	-9.11505127	-6.21756363	6.14072227
261	0.70008153	12.44971848	5.32945538	-8.5748415	-6.16845369	5.84530258
262	0.10924275	11.93406391	5.99414921	-8.74672699	-6.19300842	4.14664125
263	-0.77701545	9.13479614	5.84643936	-8.74672699	-5.33358431	3.43271089
264	-0.03846694	6.9248476	5.25560093	-8.96772099	-6.02112389	4.04816818
265	0.99550092	7.88249207	5.84643936	-8.37840176	-7.0033226	5.45141029
266	1.51248491	10.46076488	5.92029428	-7.27342796	-7.39620256	6.28843164
267	-0.03846694	10.90275478	6.14185905	-6.26667356	-6.92965794	6.28843164
268	-0.99857998	7.66149712	4.3693428	-7.15065289	-6.70866299	4.36820555
269	-1.29399931	8.0298214	5.25560093	-8.30473709	-6.61044312	2.98958182
270	-0.40774119	8.32448196	5.62487507	-8.72217178	-6.95421314	3.55580235
271	-1.07243478	9.20846081	7.17582703	-7.69086218	-6.80688286	6.18995857
272	-0.40774119	7.80882692	6.58498812	-7.66630745	-6.63499784	6.70694256
273	-0.92472512	8.69280624	7.02811718	-7.59264231	-6.11934376	5.69759274
274	-0.03846694	10.09243965	6.65884304	-7.78908253	-6.04567862	4.68824339
275	-0.62930572	11.34474373	5.77258492	-7.42075729	-6.02112389	4.95904446
276	0.25695246	10.7554245	5.4033103	-7.37164736	-6.26667309	4.22049618
277	0.40466216	11.05008411	5.55102015	-7.4453125	-6.97876835	4.04816818
278	1.88175917	10.01877499	3.70464897	-8.1328516	-7.59264231	4.58977032
279	1.95561397	9.28212547	2.96610045	-8.10829735	-7.12609768	5.47602844
280	1.73404944	7.44050217	2.22755194	-7.91185713	-7.07698774	4.98366261
281	1.88175917	8.25081635	4.51705217	-7.29798269	-7.10154247	4.31896877
282	2.98958182	8.98746586	5.4033103	-7.42075729	-7.46986723	3.50656581
283	2.62030768	11.05008411	6.14185905	-6.83143806	-6.85599327	4.09740448
284	2.76801729	10.01877499	4.66476202	-6.90510321	-7.15065289	5.1067543
285	3.65427542	8.39814663	3.48308444	-7.51897717	-6.85599327	4.88518953
286	4.98366261	8.10348701	3.33537459	-8.40295696	-7.12609768	3.65427566
287	4.61438847	10.23976994	5.55102015	-7.49442244	-6.73321772	3.97431326
288	4.98366261	11.78673363	5.84643936	-6.51222324	-6.51222324	4.83595324
289	5.42679167	12.59704781	5.62487507	-7.19976282	-6.58588791	5.03289938
290	5.50064659	9.28212547	4.07392311	-8.37840176	-7.07698774	3.65427542
291	2.76801729	9.20846081	5.4033103	-7.66630745	-7.46986723	2.76801729
292	2.32488823	9.20846081	4.73861694	-7.46986771	-7.54353237	2.54645276

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234	2.25103331
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238	0.87240952
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241	1.70943117
242	0.94626439
243	1.09397399
244	0.40466213
245	-0.26003149
246	0.03538791
247	1.58633971
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250	-0.62930572
251	0.77393639
252	2.32488823
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254	0.57699013
255	0.2323342
256	0.89702779
257	1.53710318
258	0.47851706
259	1.14321065
260	1.80790424
261	1.51248479
262	0.38004386
263	0.62622672
264	1.56172144
265	2.37412477
266	2.02946877
267	1.88175917
268	1.83252251
269	1.6848129
270	0.87240952
271	1.11859238
272	1.53710318
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274	1.61095798
275	2.17717838
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281	4.14664125
282	3.38347435
283	3.3588562
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286	6.43614149
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288	5.9683938
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290	4.73748016
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
293								-002130	-3.39	.11	-9.43	4.69	-10.17	3.51
294								-002120	-3.25	-.63	-9.36	4.25	-9.80	4.02
295								-002110	-5.38	2.32	-7.81	4.91	-12.23	4.02
296								-002100	-7.22	5.72	-7.37	4.25	-13.41	4.02
297								-002090	-6.19	6.31	-6.93	4.32	-11.28	5.50
298								-002080	-5.90	3.29	-7.52	4.25	-10.91	4.76
299								-002070	-6.19	2.03	-8.84	5.94	-11.50	3.65
300								-002060	-6.63	3.14	-10.39	6.90	-11.42	4.61
301								-002050	-5.75	4.69	-9.07	8.01	-11.35	6.31
302								-002040	-5.60	5.28	-7.67	7.35	-10.61	6.98
303								-002030	-5.31	4.84	-6.27	7.13	-9.88	7.05
304								-002020	-5.16	4.54	-6.49	5.57	-10.54	6.90
305								-002010	-3.98	5.87	-6.63	5.60	-10.83	7.13
306								-002000	-4.65	6.31	-7.52	6.90	-10.02	6.31
307								-001990	-6.34	4.98	-8.70	7.72	-8.92	5.13
308								-001980	-6.93	2.84	-9.95	8.68	-10.91	3.29
309								-001970	-5.01	3.80	-8.55	10.45	-12.97	3.80
310								-001960	-6.19	5.50	-8.55	8.23	-11.87	6.31
311								-001950	-8.70	6.09	-11.42	5.35	-9.36	7.94
312								-001940	-8.77	5.35	-14.37	4.39	-11.05	6.02
313								-001930	-5.38	6.31	-12.53	7.35	-12.68	4.84
314								-001920	-4.72	6.31	-8.99	8.38	-11.64	5.13
315								-001910	-5.24	6.24	-7.52	7.64	-10.47	3.65
316								-001900	-5.60	5.28	-8.18	7.49	-10.10	2.69
317								-001890	-5.01	6.17	-7.81	9.05	-10.91	5.28
318								-001880	-5.75	6.68	-6.34	10.89	-11.20	8.09
319								-001870	-4.87	7.86	-5.24	11.34	-10.91	7.27
320								-001860	-3.84	6.31	-7.30	8.76	-11.72	4.10
321								-001850	-4.28	4.39	-8.55	7.13	-12.68	5.65
322								-001840	-6.63	3.95	-10.02	7.20	-12.60	9.64
323								-001830	-7.22	6.24	-9.66	9.71	-11.35	10.60
324								-001820	-7.30	6.76	-9.51	9.41	-10.61	9.34
325								-001810	-6.34	5.28	-8.99	9.19	-12.09	9.71
326								-001800	-6.05	5.72	-7.59	10.67	-11.87	12.07
327								-001790	-6.41	8.53	-6.49	12.44	-10.54	14.29
328								-001780	-8.84	7.86	-8.55	10.60	-10.61	13.62
329								-001770	-9.36	6.90	-9.43	10.23	-12.53	11.41
330								-001760	-9.51	7.05	-9.07	12.30	-13.12	11.19
331								-001750	-8.55	7.72	-8.26	14.51	-12.23	13.11
332								-001740	-9.43	5.87	-9.43	13.18	-11.79	12.81
333								-001730	-7.81	6.61	-9.43	12.15	-11.50	11.04
334								-001720	-5.75	7.57	-9.36	12.89	-10.17	11.26
335								-001710	-4.57	7.79	-8.77	13.85	-9.73	14.29
336								-001700	-5.90	6.90	-8.84	11.48	-12.53	15.18
337								-001690	-5.68	7.79	-7.74	11.26	-15.03	13.11
338								-001680	-5.82	7.64	-7.08	12.37	-13.49	10.52
339								-001670	-6.34	6.76	-7.45	12.37	-11.64	10.08
340								-001660	-7.96	6.17	-8.55	10.74	-12.31	12.07
341								-001650	-6.71	8.53	-8.18	12.37	-12.38	14.29
342								-001640	-4.72	9.93	-7.96	14.58	-11.50	14.44
343								-001630	-4.50	9.05	-7.52	14.58	-12.97	12.52
344								-001620	-7.00	6.76	-8.48	12.59	-15.70	10.45
345								-001610	-7.30	6.39	-8.33	13.33	-13.71	11.04
346								-001600	-5.68	6.02	-9.73	13.77	-10.10	11.70
347								-001590	-3.98	6.24	-10.39	12.52	-9.58	11.34
348								-001580	-6.78	4.84	-10.39	9.78	-12.45	10.15
349								-001570	-9.07	5.13	-8.70	10.30	-12.68	10.74
350								-001560	-7.67	6.39	-7.22	12.59	-10.61	11.63
351								-001550	-3.98	7.94	-7.08	12.81	-8.77	11.41

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
293	-14.44	2.40	-3.03	8.38	-4.94	2.77	-002130	9.21	5.40	-7.67	2.77	-7.47	4.52	
294	-13.71	3.36	-2.14	8.23	-6.78	2.32	-002120	9.21	4.74	-7.47	2.55	-7.54	4.64	
295	-12.31	5.13	-3.03	8.31	-6.05	2.69	-002110	10.61	5.40	-8.48	3.75	-7.13	5.38	
296	-12.97	5.57	-5.75	7.94	-1.85	4.54	-002100	9.87	4.59	-9.34	4.66	-6.86	6.02	
297	-12.68	5.57	-6.12	8.23	-1.70	4.17	-002090	10.17	3.93	-8.13	5.38	-6.83	5.99	
298	-11.94	4.17	-5.90	6.61	-3.69	2.10	-002080	10.17	2.60	-8.11	4.10	-7.18	4.29	
299	-9.14	4.61	-5.90	6.46	-6.12	-7.0	-002070	10.98	3.93	-8.84	3.88	-7.05	3.46	
300	-11.20	4.17	-5.82	7.94	-2.95	1.00	-002060	10.83	4.81	-9.48	4.89	-6.66	4.37	
301	-13.49	5.06	-5.46	7.79	-1.33	3.65	-002050	10.68	4.22	-8.72	6.34	-6.76	5.50	
302	-13.12	6.61	-5.97	4.91	-2.66	6.46	-002040	8.99	2.30	-7.96	6.53	-7.25	5.99	
303	-9.73	7.64	-4.87	3.95	-5.90	7.20	-002030	10.39	3.56	-7.15	6.34	-6.83	6.26	
304	-10.17	5.87	-4.06	4.84	-5.46	6.90	-002020	9.87	5.26	-7.40	5.67	-6.56	5.87	
305	-12.45	6.76	-4.50	7.05	-5.01	3.73	-002010	7.66	6.44	-7.15	6.26	-7.32	5.85	
306	-13.71	7.57	-6.56	6.17	-6.34	2.92	-002000	6.19	4.74	-7.40	6.51	-8.87	5.55	
307	-13.41	6.90	-5.90	4.02	-7.81	5.06	-001990	7.29	3.63	-7.99	5.94	-9.04	5.33	
308	-14.66	4.10	-4.13	2.92	-6.78	6.31	-001980	8.99	3.93	-9.26	4.93	-8.53	4.44	
309	-14.15	4.98	-1.70	6.17	-5.38	5.43	-001970	8.55	4.30	-8.84	6.02	-7.08	5.53	
310	-14.08	6.90	-4.28	7.05	-4.43	6.24	-001960	8.62	3.04	-8.87	6.68	-7.59	6.73	
311	-14.44	7.57	-6.93	6.39	-6.05	7.27	-001950	10.90	2.97	-9.83	6.46	-9.14	7.08	
312	-15.62	6.68	-7.45	6.46	-5.82	7.27	-001940	11.34	3.04	-11.40	5.25	-9.63	6.81	
313	-14.81	7.57	-4.43	7.79	-5.38	4.84	-001930	11.42	5.33	-10.20	6.17	-8.21	6.73	
314	-14.52	7.49	-3.98	4.32	-4.65	3.80	-001920	8.77	5.55	-8.45	6.61	-7.72	5.21	
315	-13.56	7.94	-3.25	1.73	-7.08	4.25	-001910	8.25	6.29	-7.74	5.85	-7.96	4.64	
316	-14.15	8.16	-3.84	2.47	-6.63	7.64	-001900	8.10	5.11	-7.96	5.16	-8.21	6.09	
317	-13.71	8.90	-3.54	4.54	-5.16	9.19	-001890	9.58	3.93	-7.91	6.83	-7.47	7.54	
318	-12.82	7.94	-5.09	3.36	-4.72	8.97	-001880	9.87	3.26	-7.76	8.55	-7.54	6.76	
319	-10.10	8.53	-5.38	4.02	-7.59	6.68	-001870	10.02	4.07	-7.00	8.82	-7.69	6.41	
320	-11.05	8.45	-8.26	4.10	-6.19	7.42	-001860	9.13	4.30	-7.62	6.39	-8.50	6.66	
321	-12.68	8.53	-8.84	4.25	-5.01	6.39	-001850	9.43	4.81	-8.50	5.72	-8.84	6.39	
322	-13.19	7.94	-6.12	2.99	-5.60	5.72	-001840	7.96	4.22	-9.75	6.93	-8.30	5.55	
323	-10.76	8.53	-2.22	3.80	-8.18	6.17	-001830	7.96	5.11	-9.41	6.85	-7.05	6.17	
324	-11.35	7.64	-2.36	5.28	-7.08	9.56	-001820	6.92	4.66	-9.14	8.50	-6.93	7.49	
325	-12.60	6.46	-4.50	6.68	-6.19	9.27	-001810	8.84	5.55	-9.14	8.06	-7.76	7.47	
326	-12.68	7.20	-7.15	6.76	-5.46	7.57	-001800	8.55	6.14	-8.50	9.49	-8.43	7.17	
327	-10.54	10.08	-7.37	6.09	-5.31	6.61	-001790	7.66	5.77	-7.81	11.75	-7.74	7.59	
328	-11.20	10.52	-5.82	3.14	-5.24	7.64	-001780	7.81	4.89	-9.34	10.70	-7.42	7.10	
329	-11.72	8.82	-2.07	2.32	-5.68	7.64	-001770	9.13	4.74	-10.44	9.51	-6.49	6.26	
330	-12.45	6.83	-2.88	1.81	-5.60	6.46	-001760	9.58	5.26	-10.56	10.18	-6.98	5.03	
331	-12.31	6.46	-5.46	2.55	-5.46	4.39	-001750	8.32	5.40	-9.68	11.78	-7.74	4.47	
332	-11.79	6.39	-7.45	3.36	-4.20	5.94	-001740	6.41	4.89	-10.22	10.62	-7.81	5.23	
333	-9.21	6.83	-4.50	5.57	-3.76	7.20	-001730	7.00	5.92	-9.58	9.93	-5.82	6.53	
334	-9.88	5.43	-4.06	4.17	-4.50	5.35	-001720	7.22	6.14	-8.43	10.57	-6.14	4.98	
335	-10.76	5.57	-3.61	2.47	-6.56	.48	-001710	8.25	7.40	-7.69	11.98	-6.98	2.84	
336	-11.87	5.35	-4.20	1.22	-4.28	1.14	-001700	7.96	7.69	-9.09	11.19	-6.78	2.57	
337	-11.35	5.28	-3.39	1.88	-2.44	3.88	-001690	9.13	9.10	-9.48	10.72	-5.73	3.68	
338	-13.71	4.25	-4.72	1.00	-3.10	4.98	-001680	10.17	9.17	-8.80	10.18	-7.18	3.41	
339	-13.71	6.90	-3.54	1.96	-5.46	2.18	-001670	11.27	9.24	-8.48	9.73	-7.57	3.68	
340	-13.12	8.75	-2.29	1.59	-5.31	1.29	-001660	11.05	8.65	-9.61	9.66	-6.91	3.88	
341	-12.97	7.86	-1.33	1.29	-5.09	1.29	-001650	10.61	8.95	-9.09	11.73	-6.46	3.48	
342	-14.00	6.61	-3.54	1.51	-3.47	2.62	-001640	7.66	8.87	-8.06	12.98	-7.00	3.58	
343	-12.16	9.86	-5.38	3.43	-4.20	1.29	-001630	6.92	9.39	-8.33	12.05	-7.25	4.86	
344	-10.39	9.12	-5.82	2.69	-2.36	1.29	-001620	6.92	7.91	-10.39	9.93	-6.19	4.37	
345	-9.43	6.31	-3.54	1.66	-1.99	1.44	-001610	8.25	8.65	-9.78	10.25	-4.99	3.14	
346	-10.91	6.02	-3.03	1.22	-1.48	3.29	-001600	7.07	9.10	-8.50	10.50	-5.14	3.51	
347	-13.26	8.68	-4.57	1.59	-4.28	2.92	-001590	7.81	11.02	-7.99	10.03	-7.37	4.39	
348	-14.74	7.94	-5.60	.85	-5.31	4.10	-001580	10.76	11.46	-9.88	8.26	-8.55	4.29	
349	-11.72	5.87	-3.69	.40	-4.87	7.13	-001570	11.71	9.98	-10.15	8.73	-6.76	4.47	
350	-10.02	4.91	-1.48	-.19	-4.43	8.90	-001560	10.68	9.83	-8.50	10.20	-5.31	4.54	
351	-10.32	6.90	-1.70	.11	-5.97	7.35	-001550	10.02	11.83	-6.61	10.72	-6.00	4.79	

	AC	AD	AE	AF	AG	AH
293	0.00288	-5.38269424	-7.81363726	-12.23353386	-12.30719852	-3.02541614
294	0.00289	-7.22431755	-7.37164736	-13.41217232	-12.97018337	-5.751019
295	0.0029	-6.19300842	-6.92965794	-11.2758894	-12.67552376	-6.11934376
296	0.00291	-5.89834881	-7.51897764	-10.90756512	-11.93887424	-5.89834881
297	0.00292	-6.19300842	-8.84494591	-11.49688435	-9.13960648	-5.89834881
298	0.00293	-6.63499832	-10.39191055	-11.42321968	-11.20222473	-5.82468367
299	0.00294	-5.751019	-9.06594086	-11.34955406	-13.48583794	-5.45635891
300	0.00295	-5.60368919	-7.66630745	-10.61290455	-13.1175127	-5.97201347
301	0.00296	-5.3090291	-6.26667356	-9.87625599	-9.7289257	-4.86703968
302	0.00297	-5.1616993	-6.48766804	-10.53923988	-10.1709156	-4.05672503
303	0.00298	-3.98306036	-6.63499832	-10.8338995	-12.45452881	-4.49671492
304	0.00299	-4.64604473	-7.51897764	-10.02356532	-13.70683289	-6.56133318
305	0.003	-6.34033823	-8.69761658	-8.91861153	-13.41217232	-5.89834881
306	0.00301	-6.92965794	-9.94992065	-10.90756512	-14.66447639	-4.13039017
307	0.00302	-5.01436949	-8.55028629	-12.97018337	-14.14882183	-1.69944715
308	0.00303	-6.19300842	-8.55028629	-11.86520863	-14.07515717	-4.27771997
309	0.00304	-8.69761658	-11.42321968	-9.36060143	-14.44348145	-6.92965794
310	0.00305	-8.77128124	-14.36981678	-11.05489445	-15.62212086	-7.4453125
311	0.00306	-5.38269424	-12.52819347	-12.67552376	-14.81180668	-4.42504978
312	0.00307	-4.71970987	-8.99227619	-11.64421368	-14.51714706	-3.98306036
313	0.00308	-5.23536444	-7.51897764	-10.46557522	-13.5595026	-3.24641085
314	0.00309	-5.60368919	-8.18196201	-10.09724998	-14.14882183	-3.83573031
315	0.0031	-5.01436949	-7.81363726	-10.90756512	-13.70683289	-3.5410707
316	0.00311	-5.751019	-6.34033823	-11.20222473	-12.82285309	-5.08603463
317	0.00312	-4.86703968	-5.23536444	-10.90756512	-10.09724998	-5.38269424
318	0.00313	-3.83573031	-7.29798269	-11.7178793	-11.05489445	-8.25562668
319	0.00314	-4.27771997	-8.55028629	-12.67552376	-12.67552376	-8.84494591
320	0.00315	-6.63499832	-10.02356532	-12.60185814	-13.19117832	-6.11934376
321	0.00316	-7.22431755	-9.65526104	-11.34955406	-10.76023483	-2.21510172
322	0.00317	-7.29798269	-9.50793076	-10.61290455	-11.34955406	-2.36243153
323	0.00318	-6.34033823	-8.99227619	-12.06620358	-12.60185814	-4.49671492
324	0.00319	-6.04567862	-7.59264231	-11.86520863	-12.67552376	-7.15065289
325	0.0032	-6.41400337	-6.48766804	-10.53923988	-10.53923988	-7.37164736
326	0.00321	-8.84494591	-8.55028629	-10.61290455	-11.20222473	-5.82468367
327	0.00322	-9.36060143	-9.43426609	-12.52819347	-11.7178793	-2.06777191
328	0.00323	-9.50793076	-9.06594086	-13.1175127	-12.45452881	-2.87808609
329	0.00324	-8.55028629	-8.25562668	-12.23353386	-12.30719852	-5.45635891
330	0.00325	-9.43426609	-9.43426609	-11.79154396	-11.79154396	-7.4453125
331	0.00326	-7.81363726	-9.43426609	-11.49688435	-9.21327114	-4.49671492
332	0.00327	-5.751019	-9.36060143	-10.1709156	-9.87625599	-4.05672503
333	0.00328	-4.57237959	-8.77128124	-9.7289257	-10.76023483	-3.6147356
334	0.00329	-5.89834881	-8.84494591	-12.52819347	-11.86520863	-4.20405531
335	0.0033	-5.67735386	-7.73997211	-15.03280163	-11.34955406	-3.39374065
336	0.00331	-5.82468367	-7.07698774	-13.48583794	-13.70683289	-4.71970987
337	0.00332	-6.34033823	-7.4453125	-11.64421368	-13.70683289	-3.5410707
338	0.00333	-7.96096706	-8.55028629	-12.30719852	-13.1175127	-2.28876662
339	0.00334	-6.70866299	-8.18196201	-12.38086319	-12.97018337	-1.3311224
340	0.00335	-4.71970987	-7.96096706	-11.49688435	-14.0014925	-3.5410707
341	0.00336	-4.49671492	-7.51897764	-12.97018337	-12.15986919	-5.38269424
342	0.00337	-7.00332308	-8.47662163	-15.69578552	-10.39191055	-5.82468367
343	0.00338	-7.29798269	-8.32929134	-13.70683289	-9.43426609	-3.5410707
344	0.00339	-5.67735386	-9.7289257	-10.09724998	-10.90756512	-3.02541614
345	0.0034	-3.98306036	-10.39191055	-9.58159542	-13.26484299	-4.57237959
346	0.00341	-6.78232813	-10.39191055	-12.45452881	-14.73814201	-5.60368919
347	0.00342	-9.06594086	-8.69761658	-12.67552376	-11.7178793	-3.68840051
348	0.00343	-7.66630745	-7.22431755	-10.61290455	-10.02356532	-1.47845232
349	0.00344	-3.98306036	-7.07698774	-8.77128124	-10.31824493	-1.69944715
350	0.00345	-4.57237959	-8.84494591	-9.43426609	-13.5595026	-3.98306036
351	0.00346	-6.11934376	-8.69761658	-10.31824493	-14.22248745	-4.71970987

	AI	AJ	AK	AL	AM	AN
293	-6.04567862	2.32488823	4.90980816	4.02354956	5.13137245	8.30713081
294	-1.84677696	5.72221136	4.24511433	4.02354956	5.57450151	7.93785667
295	-1.69944715	6.31305027	4.31896925	5.50064659	5.57450151	8.23327637
296	-3.68840051	3.28500128	4.24511433	4.76209831	4.1712594	6.60846949
297	-6.11934376	2.02946877	5.94377565	3.65427542	4.61438847	6.46075964
298	-2.95175099	3.13729167	6.9038887	4.61438847	4.1712594	7.93785667
299	-1.3311224	4.68824339	8.01171112	6.31305027	5.05751753	7.79014683
300	-2.65709138	5.2790823	7.34701777	6.97774363	6.60846949	4.90980816
301	-5.89834881	4.83595324	7.12545347	7.05159855	7.64243746	3.94969487
302	-5.45635891	4.54053354	5.57450151	6.9038887	5.86992073	4.83595324
303	-5.01436949	5.86992073	5.79606628	7.12545347	6.75617933	7.05159855
304	-6.34033823	6.31305027	6.9038887	6.31305027	7.56858253	6.16534042
305	-7.81363726	4.98366261	7.71629238	5.13137245	6.9038887	4.02354956
306	-6.78232813	2.84187222	8.67640495	3.28500128	4.09740448	2.9157269
307	-5.38269424	3.80198526	10.4489212	3.80198526	4.98366261	6.16534042
308	-4.42504978	5.50064659	8.23327637	6.31305027	6.9038887	7.05159855
309	-6.04567862	6.0914855	5.35293722	7.93785667	7.56858253	6.38690472
310	-5.82468367	5.35293722	4.39282417	6.01763058	6.68232441	6.46075964
311	-5.38269424	6.31305027	7.34701777	4.83595324	7.56858253	7.79014683
312	-4.64604473	6.31305027	8.38098621	5.13137245	7.49472761	4.31896925
313	-7.07698774	6.23919535	7.64243746	3.65427542	7.93785667	1.73404944
314	-6.63499832	5.2790823	7.49472761	2.69416237	8.15942097	2.47259784
315	-5.1616993	6.16534042	9.04567909	5.2790823	8.8979702	4.54053354
316	-4.71970987	6.68232441	10.89205074	8.08556652	7.93785667	3.3588562
317	-7.59264231	7.86400175	11.33517933	7.27316332	8.52869511	4.02354956
318	-6.19300842	6.31305027	8.75026035	4.09740448	8.45484066	4.09740448
319	-5.01436949	4.39282417	7.12545347	5.64835644	8.52869511	4.24511433
320	-5.60368919	3.94969487	7.1993084	9.63651848	7.93785667	2.98958182
321	-8.18196201	6.23919535	9.71037292	10.59663105	8.52869511	3.80198526
322	-7.07698774	6.75617933	9.41495323	9.34109879	7.64243746	5.2790823
323	-6.19300842	5.2790823	9.19338894	9.71037292	6.46075964	6.68232441
324	-5.45635891	5.72221136	10.67048645	12.07372856	7.1993084	6.75617933
325	-5.3090291	8.52869511	12.4430027	14.2893734	10.07964706	6.0914855
326	-5.23536444	7.86400175	10.59663105	13.62468052	10.5227766	3.13729167
327	-5.67735386	6.9038887	10.22735691	11.40903473	8.8241148	2.32488823
328	-5.60368919	7.05159855	12.29529285	11.18747044	6.83003378	1.80790424
329	-5.45635891	7.71629238	14.51093864	13.10769653	6.46075964	2.54645276
330	-4.20405531	5.86992073	13.18155098	12.81227684	6.38690472	3.3588562
331	-3.76206541	6.60846949	12.14758301	11.03976059	6.83003378	5.57450151
332	-4.49871492	7.56858253	12.88613129	11.26132488	5.42679167	4.1712594
333	-6.56133318	7.79014683	13.84624481	14.2893734	5.57450151	2.47259784
334	-4.27771997	6.9038887	11.48288918	15.17563152	5.35293722	1.21706545
335	-2.43609643	7.79014683	11.26132488	13.10769653	5.2790823	1.88175917
336	-3.09908104	7.64243746	12.3691473	10.5227766	4.24511433	0.99550092
337	-5.45635891	6.75617933	12.3691473	10.07964706	6.9038887	1.95561397
338	-5.3090291	6.16534042	10.7443409	12.07372856	8.75026035	1.58633971
339	-5.08803463	8.52869511	12.3691473	14.2893734	7.86400175	1.29092038
340	-3.4674058	9.93193722	14.58479309	14.43708324	6.60846949	1.51248491
341	-4.20405531	9.04567909	14.58479309	12.51685715	9.85808277	3.43271089
342	-2.36243153	6.75617933	12.59071255	10.4489212	9.11953449	2.69416237
343	-1.99410689	6.38690472	13.32926083	11.03976059	6.31305027	1.66019464
344	-1.47845232	6.01763058	13.77238941	11.70445442	6.01763058	1.21706545
345	-4.27771997	6.23919535	12.51685715	11.33517933	8.67640495	1.58633971
346	-5.3090291	4.83595324	9.78422832	10.15350246	7.93785667	0.84779125
347	-4.86703968	5.13137245	10.30121231	10.7443409	5.86992073	0.40466216
348	-4.42504978	6.38690472	12.59071255	11.63059902	4.90980816	-0.18617664
349	-5.97201347	7.93785667	12.81227684	11.40903473	6.9038887	0.10924275
350	-7.00332308	6.46075964	9.11953449	10.00579262	7.12545347	0.55237186
351	-6.19300842	5.57450151	7.05159855	9.71037292	6.46075964	2.39874315

	AO	AP	AQ	AR	AS	AT
293	2.69416237	10.60809422	5.4033103	-8.47662163	-7.12609768	3.75274873
294	4.54053354	9.87144566	4.5909071	-9.33604622	-6.85599327	4.66362524
295	4.1712594	10.16610527	3.9262135	-8.1328516	-6.83143806	5.37755537
296	2.1033237	10.16610527	2.59682631	-8.10829735	-7.17520809	4.09740448
297	-0.70316058	10.97641945	3.9262135	-8.84494591	-7.05243301	3.87583995
298	0.99550092	10.82908916	4.81247187	-9.4833765	-6.65955305	4.88518953
299	3.65427542	10.68175983	4.22163296	-8.72217178	-6.75777292	6.33766842
300	6.46075964	8.98746586	2.30140686	-7.96096706	-7.24887276	6.53461456
301	7.1993084	10.38710022	3.55693913	-7.15065289	-6.83143806	6.33766842
302	6.9038887	9.87144566	5.25560093	-7.39620256	-6.56133318	5.67297459
303	3.72813034	7.66149712	6.43727827	-7.15065289	-7.3225379	6.2638135
304	2.9157269	6.18819809	4.73861694	-7.39620256	-6.86950111	6.50999641
305	5.05751753	7.29317236	3.63079405	-7.98552227	-9.04138565	5.94377565
306	6.31305027	8.98746586	3.9262135	-9.26238155	-8.52573204	4.93442631
307	5.42679167	8.54547596	4.29548788	-8.84494591	-7.07698774	6.01763058
308	6.23919535	8.61914158	3.03995538	-8.86950111	-7.59264231	6.58232441
309	7.27316332	10.90275478	2.96610045	-9.82714558	-9.13960648	6.46075964
310	7.27316332	11.34474373	3.03995538	-11.39866447	-9.63070583	5.25446415
311	4.83595324	11.41840935	5.32945538	-10.19547081	-8.20651722	6.16534042
312	3.80198526	8.76647091	5.55102015	-8.45206642	-7.71541739	6.60846949
313	4.24511433	8.25081635	6.28956842	-7.73997259	-7.96096706	5.84530258
314	7.64243746	8.10348701	5.10789108	-7.96096706	-8.20651722	5.1559906
315	9.19338894	9.57678509	3.9262135	-7.91185713	-7.46986771	6.83003378
316	8.97182465	9.87144566	3.26151991	-7.76452732	-7.54353237	8.55331421
317	6.68232441	10.01877499	4.07392311	-7.00332308	-7.69086218	8.8241148
318	7.42087269	9.13479614	4.29548788	-7.61719751	-8.50117683	6.38690519
319	6.38690472	9.42945576	4.81247187	-8.50117683	-8.84494591	5.72221136
320	5.72221136	7.95615673	4.22163296	-9.75348091	-8.30473709	6.92850733
321	6.16534042	7.95615673	5.10789108	-9.40971088	-7.05243301	8.84873295
322	9.56266308	6.9248476	4.66476202	-9.13960648	-6.92965794	8.50407696
323	9.26724434	8.84013653	5.55102015	-9.13960648	-7.76452732	8.06094837
324	7.56858253	8.54547596	6.14185905	-8.50117683	-8.42751217	9.48880863
325	6.60846949	7.66149712	5.77258492	-7.81363726	-7.73997211	11.75369072
326	7.64243746	7.80882692	4.88632631	-9.33604527	-7.42075777	10.6951046
327	7.64243746	9.13479614	4.73861694	-10.44102001	-6.48766851	9.51342678
328	6.46075964	9.57678509	5.25560093	-10.56379509	-6.97876787	10.17812061
329	4.39282417	8.32448196	5.4033103	-9.67981529	-7.73997211	11.77830887
330	5.94377565	6.40919304	4.88632631	-10.22002506	-7.81363726	10.6212492
331	7.1993084	6.99851274	5.92029428	-9.58159637	-5.82468367	9.93193817
332	5.35293722	7.21950722	6.14185905	-8.42751217	-6.14389849	10.5720129
333	0.478517	8.25081635	7.39739132	-7.69086218	-6.97876787	11.97525501
334	1.14321065	7.95615673	7.69281054	-9.09049606	-6.78232813	11.18746948
335	3.87583995	9.13479614	9.09605312	-9.48337555	-5.72646379	10.71972275
336	4.98366261	10.16610527	9.16990757	-8.79583645	-7.17520809	10.17812061
337	2.17717862	11.27107906	9.24376297	-8.47662163	-7.56808758	9.73499107
338	1.29092038	11.05008411	8.65292358	-9.60615063	-6.90510273	9.66113663
339	1.29092038	10.60809422	8.94834328	-9.09049606	-6.46311331	11.72907162
340	2.62030768	7.66149712	8.87448788	-8.05918694	-7.00332308	12.98460484
341	1.29092038	6.9248476	9.39147186	-8.3292923	-7.24887276	12.04910946
342	1.29092038	6.9248476	7.91437531	-10.39191055	-6.19300842	9.93193817
343	1.43862998	8.25081635	8.65292358	-9.77803612	-4.98981476	10.25197506
344	3.28500128	7.07217741	9.09605312	-8.50117683	-5.13714457	10.49815845
345	2.9157269	7.80882692	11.01627922	-7.98552227	-7.37164736	10.03041077
346	4.09740448	10.7554245	11.45940781	-9.87625599	-6.55028725	8.25789452
347	7.12545347	11.71306896	9.98231125	-10.1463604	-6.7577734	8.7256422
348	8.8979702	10.68175983	9.8346014	-8.50117683	-5.3090291	10.20273876
349	7.34701777	10.01877499	11.82868195	-6.81044312	-5.99656868	10.71972275
350	4.46667862	8.61914158	12.41952133	-7.61719704	-8.18196201	8.52869606
351	2.9157269	8.25081635	11.16398907	-8.37840176	-8.37840176	7.44549084

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319	6.38690472
320	5.54988337
321	6.16534042
322	7.49472761
323	7.47010946
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338	3.87584019
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342	4.36820555
343	3.13729167
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346	4.29435062
347	4.46667862
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
352								-001540	-4.57	6.46	-8.84	9.12	-9.43	10.01
353								-001530	-6.12	5.57	-8.70	7.05	-10.32	9.71
354								-001520	-6.49	5.43	-7.37	8.68	-11.35	9.27
355								-001510	-5.31	5.13	-6.78	11.04	-11.64	9.05
356								-001500	-5.38	3.29	-10.47	9.19	-11.35	8.38
357								-001490	-5.46	4.10	-11.79	7.79	-10.47	7.94
358								-001480	-6.71	5.13	-9.58	8.53	-10.47	7.72
359								-001470	-6.19	5.87	-5.46	9.71	-10.83	8.82
360								-001460	-5.82	5.43	-5.75	7.35	-11.87	9.19
361								-001450	-5.53	6.17	-8.26	5.60	-11.35	8.38
362								-001440	-5.01	7.05	-9.14	6.90	-9.58	7.94
363								-001430	-4.57	7.94	-6.63	9.93	-10.02	8.68
364								-001420	-6.78	6.68	-6.41	10.30	-11.94	9.41
365								-001410	-7.81	5.43	-8.11	10.89	-12.53	10.30
366								-001400	-7.45	4.10	-8.70	11.19	-10.61	11.04
367								-001390	-6.05	4.17	-6.93	11.85	-9.73	9.78
368								-001380	-7.30	3.29	-7.67	10.89	-10.32	6.90
369								-001370	-8.55	4.76	-8.55	11.19	-11.72	4.17
370								-001360	-6.63	6.61	-8.70	10.60	-11.05	5.35
371								-001350	-3.54	7.20	-6.71	10.45	-9.66	7.64
372								-001340	-4.72	4.10	-7.74	8.45	-10.69	7.64
373								-001330	-5.68	4.32	-8.62	7.42	-12.53	6.09
374								-001320	-4.65	7.20	-8.99	8.09	-12.01	6.24
375								-001310	-2.66	9.05	-7.37	10.15	-9.88	7.86
376								-001300	-5.38	5.72	-7.67	9.27	-8.48	8.31
377								-001290	-6.41	3.73	-7.15	8.82	-9.29	6.61
378								-001280	-3.76	4.54	-7.37	8.97	-10.76	5.06
379								-001270	-1.40	6.90	-7.22	9.93	-11.05	4.25
380								-001260	-2.95	5.57	-8.84	8.53	-10.02	5.21
381								-001250	-3.39	4.25	-9.07	8.60	-9.14	7.94
382								-001240	-2.95	4.98	-9.14	9.27	-11.28	8.90
383								-001230	-3.54	6.90	-7.37	9.93	-13.26	8.23
384								-001220	-6.12	6.31	-7.37	8.16	-11.42	7.72
385								-001210	-6.93	4.69	-8.03	7.57	-8.84	7.86
386								-001200	-6.56	3.36	-7.96	8.23	-10.17	7.13
387								-001190	-4.13	3.88	-6.78	9.71	-12.38	4.98
388								-001180	-4.28	2.69	-7.96	7.57	-11.13	3.21
389								-001170	-5.24	1.73	-9.21	4.02	-8.99	4.25
390								-001160	-6.63	.92	-7.81	3.36	-9.43	7.42
391								-001150	-4.20	2.69	-5.01	6.68	-11.72	8.23
392								-001140	-3.84	2.69	-6.05	7.49	-12.01	6.76
393								-001130	-5.01	1.88	-7.89	6.90	-10.39	6.90
394								-001120	-6.86	.26	-8.18	6.24	-9.58	7.42
395								-001110	-5.75	1.00	-5.60	8.53	-9.95	6.90
396								-001100	-5.82	1.96	-4.94	8.31	-10.17	6.02
397								-001090	-5.46	3.51	-5.31	7.64	-9.58	6.31
398								-001080	-6.27	2.92	-7.15	6.53	-9.14	7.42
399								-001070	-4.87	3.58	-6.49	7.94	-10.17	6.90
400								-001060	-2.66	3.36	-6.19	7.79	-10.83	6.90
401								-001050	-1.33	2.92	-6.05	8.09	-9.73	8.16
402								-001040	-4.72	1.00	-7.15	6.76	-8.99	8.45
403								-001030	-6.63	1.73	-5.90	7.27	-10.69	6.31
404								-001020	-6.05	2.99	-5.90	7.49	-13.04	3.88
405								-001010	-4.06	3.51	-6.49	7.64	-11.35	4.54
406								-001000	-4.50	2.03	-8.55	4.64	-8.99	5.35
407								-000990	-4.72	2.69	-6.78	4.10	-11.20	4.84
408								-000980	-6.49	2.32	-4.20	5.13	-13.85	4.10
409								-000970	-7.08	1.51	-4.20	6.83	-12.01	4.47
410								-000960	-5.31	1.14	-7.96	6.02	-8.99	4.17

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
352	-13.56	7.13	-3.98	.55	-7.00	4.47	-.001540	8.62	12.42	-7.62	6.53	-8.18	4.05	
353	-14.22	6.46	-4.72	2.40	-6.19	2.92	-.001530	8.25	11.16	-8.38	7.45	-8.38	3.93	
354	-14.08	4.39	-4.65	1.73	-4.72	2.77	-.001520	7.44	9.10	-8.40	7.79	-7.81	2.96	
355	-12.82	4.54	-1.99	1.29	-4.57	2.92	-.001510	8.47	9.98	-7.91	8.41	-6.46	2.92	
356	-12.53	4.76	-1.33	.18	-3.39	4.69	-.001500	8.10	11.02	-9.07	6.95	-5.75	3.21	
357	-12.16	5.13	-.74	.48	-3.17	4.39	-.001490	8.03	11.02	-9.24	6.61	-5.36	3.33	
358	-12.75	3.14	-2.29	-.19	-2.80	4.54	-.001480	6.78	8.21	-8.92	7.13	-5.95	2.50	
359	-12.01	3.51	-1.63	.85	-4.57	3.80	-.001470	7.74	8.73	-7.49	8.13	-6.07	2.72	
360	-13.41	4.98	-2.66	.40	-5.16	1.81	-.001460	9.13	11.46	-7.81	7.32	-7.08	2.40	
361	-14.37	6.24	-2.07	1.00	-5.46	-.63	-.001450	9.13	12.49	-8.38	6.78	-7.30	2.20	
362	-14.15	4.69	-3.17	.70	-4.43	1.22	-.001440	6.56	9.83	-7.91	7.30	-7.25	2.20	
363	-11.79	3.95	-4.79	2.40	-6.56	2.47	-.001430	6.92	9.76	-7.08	8.85	-7.72	2.94	
364	-11.42	2.99	-6.63	2.03	-7.30	2.47	-.001420	6.34	10.28	-8.38	8.80	-8.45	2.50	
365	-12.01	2.99	-4.87	1.44	-5.01	.55	-.001410	6.41	10.57	-9.48	8.87	-7.30	1.66	
366	-13.93	1.44	-3.54	.40	-1.33	1.29	-.001400	5.16	8.80	-8.92	8.77	-6.27	1.04	
367	-13.34	1.73	-2.58	.55	-2.73	.70	-.001390	8.03	10.06	-7.57	8.60	-6.22	1.00	
368	-11.87	2.55	-4.06	-.92	-3.98	1.59	-.001380	8.99	10.28	-8.43	7.03	-6.63	1.07	
369	-9.73	4.32	-4.87	-1.81	-4.06	2.03	-.001370	8.03	9.02	-9.61	6.71	-6.22	1.51	
370	-10.54	3.06	-6.27	-2.55	-3.25	2.18	-.001360	6.92	6.58	-8.80	7.52	-6.68	.90	
371	-11.35	3.21	-5.53	-.11	-4.13	.77	-.001350	8.10	5.18	-6.63	8.43	-7.00	1.29	
372	-12.97	3.95	-5.31	1.36	-3.25	.55	-.001340	10.02	6.44	-7.72	6.73	-7.18	1.96	
373	-12.53	5.13	-4.94	1.29	-3.91	.70	-.001330	9.21	7.62	-8.94	5.94	-7.13	2.37	
374	-12.31	3.73	-5.46	1.14	-4.79	1.88	-.001320	6.78	7.47	-8.55	7.17	-7.52	2.25	
375	-12.23	3.36	-3.91	3.43	-5.09	2.92	-.001310	7.59	6.14	-6.63	9.02	-7.08	3.24	
376	-13.56	3.43	-3.25	4.25	-4.57	2.69	-.001300	9.58	4.52	-7.18	7.77	-7.13	3.46	
377	-12.68	4.84	-2.95	4.02	-4.13	.63	-.001290	11.49	6.29	-7.62	6.39	-6.59	3.16	
378	-12.09	3.43	-4.35	2.10	-1.63	-.48	-.001280	9.87	7.03	-7.30	6.19	-6.02	1.68	
379	-10.91	2.55	-3.76	1.59	-.59	-2.40	-.001270	8.32	7.91	-6.56	7.03	-5.09	.58	
380	-10.98	2.18	-4.06	1.00	-2.22	-2.99	-.001260	7.44	8.21	-7.27	6.44	-5.75	.06	
381	-11.42	2.55	-4.50	2.18	-6.34	-1.81	-.001250	7.29	8.58	-7.20	6.93	-7.42	.97	
382	-12.38	2.03	-6.78	2.03	-5.82	1.29	-.001240	8.32	8.21	-7.79	7.72	-8.33	1.78	
383	-10.17	2.32	-5.90	2.92	-3.10	1.00	-.001230	10.76	6.73	-8.06	8.36	-6.39	2.08	
384	-9.73	2.18	-6.34	1.73	-2.22	-.92	-.001220	9.28	5.40	-8.30	7.40	-6.09	1.00	
385	-10.32	2.25	-5.82	2.47	-5.31	-2.62	-.001210	7.74	6.66	-7.94	6.71	-7.15	.70	
386	-12.60	1.00	-6.49	2.18	-5.60	-1.15	-.001200	7.37	6.58	-8.23	6.24	-8.23	.68	
387	-11.72	-.19	-4.94	3.21	-5.16	-1.07	-.001190	10.39	8.06	-7.76	6.19	-7.27	.65	
388	-11.50	-1.52	-4.65	3.21	-2.44	-.63	-.001180	10.24	7.18	-7.79	4.49	-6.19	.36	
389	-10.76	-.33	-4.28	4.54	-2.36	-2.25	-.001170	8.10	6.51	-7.81	3.33	-5.80	.65	
390	-11.57	.55	-5.31	4.17	-2.29	-2.77	-.001160	6.85	6.73	-7.96	3.90	-6.39	.65	
391	-12.82	-.48	-4.28	4.91	-3.10	-2.70	-.001150	7.88	8.65	-6.98	5.87	-6.73	.58	
392	-14.66	-3.21	-4.43	3.88	-2.36	.26	-.001140	8.99	10.79	-7.30	5.65	-7.15	.31	
393	-14.00	-1.29	-5.90	3.58	-2.80	.55	-.001130	8.10	10.50	-7.76	5.23	-7.57	.95	
394	-13.71	1.00	-6.56	4.69	-2.73	.85	-.001120	6.04	8.65	-8.21	4.64	-7.67	2.18	
395	-12.68	2.25	-4.28	6.46	-2.95	1.51	-.001110	6.70	8.65	-7.10	5.48	-6.63	3.41	
396	-12.09	1.73	-3.98	5.28	-2.73	1.59	-.001100	8.40	7.32	-6.98	5.43	-6.27	2.87	
397	-10.17	3.21	-5.24	2.92	-3.47	-.48	-.001090	10.61	7.10	-6.78	5.82	-6.29	1.88	
398	-10.54	4.54	-5.90	1.44	-2.36	-1.37	-.001080	9.58	6.51	-7.52	5.62	-6.27	1.54	
399	-12.53	5.28	-4.57	.92	-1.63	-1.52	-.001070	8.91	6.88	-7.18	6.14	-6.24	1.56	
400	-14.30	4.98	-4.57	-.78	-1.63	-.41	-.001060	8.69	7.18	-6.56	6.02	-6.83	1.27	
401	-12.09	6.09	-5.46	-1.81	-2.14	.11	-.001050	8.40	5.55	-5.70	6.39	-6.56	1.46	
402	-11.79	5.06	-6.78	-3.21	-2.58	.85	-.001040	7.81	4.22	-6.95	5.40	-7.05	.90	
403	-12.53	4.69	-5.46	-3.21	-4.43	-.11	-.001030	7.59	5.03	-7.74	5.11	-7.47	.45	
404	-14.15	3.36	-4.06	-1.96	-4.72	.11	-.001020	8.40	6.29	-8.33	4.79	-7.64	.50	
405	-13.56	3.95	-3.47	-.19	-3.98	1.22	-.001010	10.46	7.18	-7.30	5.23	-7.00	1.66	
406	-13.26	5.13	-5.46	-2.70	-2.36	3.65	-.001000	9.28	4.44	-7.35	4.07	-7.03	2.03	
407	-13.04	6.09	-4.06	-2.11	-2.95	3.73	-.000990	9.28	4.30	-7.57	3.88	-6.68	2.57	
408	-15.25	3.73	-1.92	.11	-2.51	4.91	-.000980	8.84	4.89	-8.18	3.85	-6.56	2.92	
409	-14.89	2.92	-1.63	1.00	-4.57	2.84	-.000970	10.39	6.66	-7.76	4.27	-7.03	2.25	
410	-12.97	3.73	-6.05	-1.81	-5.75	1.81	-.000960	9.36	6.51	-7.42	3.78	-8.26	1.24	

	AC	AD	AE	AF	AG	AH
352	0.00347	-6.48766804	-7.37164736	-11.34955406	-14.07515717	-4.64604473
353	0.00348	-5.3090291	-6.78232813	-11.64421368	-12.82285309	-1.99410689
354	0.00349	-5.38269424	-10.46557522	-11.34955406	-12.52819347	-1.3311224
355	0.0035	-5.45635891	-11.79154396	-10.46557522	-12.15986919	-0.74180287
356	0.00351	-6.70866299	-9.58159542	-10.46557522	-12.74918842	-2.28676662
357	0.00352	-6.19300842	-5.45635891	-10.8338995	-12.01253891	-1.62578213
358	0.00353	-5.82468367	-5.751019	-11.86520863	-13.41217232	-2.65709138
359	0.00354	-5.53002405	-8.25562668	-11.34955406	-14.36981678	-2.06777191
360	0.00355	-5.01436949	-9.13960648	-9.58159542	-14.14882183	-3.17274594
361	0.00356	-4.57237959	-6.63499832	-10.02358532	-11.79154396	-4.79337454
362	0.00357	-6.78232813	-6.41400337	-11.93887424	-11.42321968	-6.63499832
363	0.00358	-7.81363726	-8.10829735	-12.52819347	-12.01253891	-4.86703968
364	0.00359	-7.4453125	-8.69761658	-10.61290455	-13.92782688	-3.5410707
365	0.0036	-6.04567862	-6.92965794	-9.7289257	-13.33850765	-2.58342648
366	0.00361	-7.29798269	-7.66630745	-10.31824493	-11.86520863	-4.05672503
367	0.00362	-8.55028629	-8.55028629	-11.7178793	-9.7289257	-4.86703968
368	0.00363	-6.63499832	-8.69761658	-11.05489445	-10.53923988	-6.26667356
369	0.00364	-3.5410707	-6.70866299	-9.65526104	-11.34955406	-5.53002405
370	0.00365	-4.71970987	-7.73997211	-10.68657017	-12.97018337	-5.3090291
371	0.00366	-5.67735386	-8.62395191	-12.52819347	-12.52819347	-4.94070435
372	0.00367	-4.64604473	-8.99227619	-12.01253891	-12.30719852	-5.45635891
373	0.00368	-2.65709138	-7.37164736	-9.87625599	-12.23353386	-3.90939546
374	0.00369	-5.38269424	-7.66630745	-8.47662163	-13.5595026	-3.24641085
375	0.0037	-6.41400337	-7.15065289	-9.28693581	-12.67552376	-2.95175099
376	0.00371	-3.76206541	-7.37164736	-10.76023483	-12.08620358	-4.35138512
377	0.00372	-1.4047873	-7.22431755	-11.05489445	-10.90756512	-3.76206541
378	0.00373	-2.95175099	-8.84494591	-10.02358532	-10.98122978	-4.05672503
379	0.00374	-3.39374065	-9.06594086	-9.13960648	-11.42321968	-4.49871492
380	0.00375	-2.95175099	-9.13960648	-11.2758894	-12.36086319	-6.78232813
381	0.00376	-3.5410707	-7.37164736	-13.26484299	-10.1709156	-5.89834881
382	0.00377	-6.11934376	-7.37164736	-11.42321968	-9.7289257	-6.34033823
383	0.00378	-6.92965794	-8.03463173	-8.84494591	-10.31824493	-5.82468367
384	0.00379	-6.56133318	-7.96096706	-10.1709156	-12.60185814	-6.48766804
385	0.0038	-4.13039017	-6.78232813	-12.36086319	-11.7178793	-4.94070435
386	0.00381	-4.27771997	-7.96096706	-11.12855911	-11.49688435	-4.64604473
387	0.00382	-5.23536444	-9.21327114	-8.99227619	-10.76023483	-4.27771997
388	0.00383	-6.63499832	-7.81363726	-9.43426609	-11.57054901	-5.3090291
389	0.00384	-4.20405531	-5.01436949	-11.7178793	-12.82285309	-4.27771997
390	0.00385	-3.83573031	-6.04567862	-12.01253891	-14.66447639	-4.42504978
391	0.00386	-5.01436949	-7.88730192	-10.39191055	-14.0014925	-5.89834881
392	0.00387	-6.85599279	-8.18196201	-9.58159542	-13.70683289	-6.56133318
393	0.00388	-5.751019	-5.60368919	-9.94992065	-12.67552376	-4.27771997
394	0.00389	-5.82468367	-4.94070435	-10.1709156	-12.08620358	-3.98306036
395	0.0039	-5.45635891	-5.3090291	-9.58159542	-10.1709156	-5.23536444
396	0.00391	-6.26667356	-7.15065289	-9.13960648	-10.53923988	-5.89834881
397	0.00392	-4.86703968	-6.48766804	-10.1709156	-12.52819347	-4.57237959
398	0.00393	-2.65709138	-6.19300842	-10.8338995	-14.29615211	-4.57237959
399	0.00394	-1.3311224	-6.04567862	-9.7289257	-12.08620358	-5.45635891
400	0.00395	-4.71970987	-7.15065289	-8.99227619	-11.79154396	-6.78232813
401	0.00396	-6.63499832	-5.89834881	-10.68657017	-12.52819347	-5.45635891
402	0.00397	-6.04567862	-5.89834881	-13.04384804	-14.14882183	-4.05672503
403	0.00398	-4.05672503	-6.48766804	-11.34955406	-13.5595026	-3.4674058
404	0.00399	-4.49871492	-8.55028629	-8.99227619	-13.26484299	-5.45635891
405	0.004	-4.71970987	-6.78232813	-11.20222473	-13.04384804	-4.05672503
406	0.00401	-6.48766804	-4.20405531	-13.85416222	-15.25379658	-1.92044199
407	0.00402	-7.07698774	-4.20405531	-12.01253891	-14.88547134	-1.62578213
408	0.00403	-5.3090291	-7.96096706	-8.99227619	-12.97018337	-6.04567862
409	0.00404	-1.92044199	-8.18196201	-10.1709156	-10.76023483	-5.89834881
410	0.00405	-2.87808609	-6.63499832	-12.52819347	-11.64421368	-4.57237959

	AI	AJ	AK	AL	AM	AN
352	-4.71970987	5.42679167	8.67640495	9.26724434	4.39282417	1.73404944
353	-4.57237959	5.13137245	11.03976059	9.04567909	4.54053354	1.29092038
354	-3.39374065	3.28500128	9.19338894	8.38098621	4.76209831	0.1830976
355	-3.17274594	4.09740448	7.79014683	7.93785667	5.13137245	0.478517
356	-2.80442119	5.13137245	8.52869511	7.71629238	3.13729167	-0.18617664
357	-4.57237959	5.86992073	9.71037292	8.8241148	3.50656581	0.84779125
358	-5.1616993	5.42679167	7.34701777	9.19338894	4.98366261	0.40466216
359	-5.45635891	6.16534042	5.79606628	8.38098621	6.23919535	0.99550092
360	-4.42504978	7.05159855	6.9038887	7.93785667	4.68824339	0.70008153
361	-6.56133318	7.93785667	9.93193722	8.67640495	3.94969487	2.39874315
362	-7.29798269	6.68232441	10.30121231	9.41495323	2.98958182	2.02946877
363	-5.01436949	5.42679167	10.89205074	10.30121231	2.98958182	1.43862998
364	-1.3311224	4.09740448	11.18747044	11.03976059	1.43862998	0.40466216
365	-2.73075628	4.1712594	11.85216331	9.78422832	1.73404944	0.55237186
366	-3.98306036	3.28500128	10.89205074	6.9038887	2.54645276	-0.92472512
367	-4.05672503	4.76209831	11.18747044	4.1712594	4.31896925	-1.8109833
368	-3.24641085	6.60846949	10.59663105	5.35293722	3.06343675	-2.5495317
369	-4.13039017	7.1993084	10.4489212	7.64243746	3.21114635	-0.11232179
370	-3.24641085	4.09740448	8.45484066	7.64243746	3.94969487	1.36477518
371	-3.90939546	4.31896925	7.42087269	6.0914855	5.13137245	1.29092038
372	-4.79337454	7.1993084	8.08556652	6.23919535	3.72813034	1.14321065
373	-5.08803463	9.04567909	10.15350246	7.86400175	3.3588562	3.43271089
374	-4.57237959	5.72221136	9.26724434	8.30713081	3.43271089	4.24511433
375	-4.13039017	3.72813034	8.8241148	6.60846949	4.83595324	4.02354956
376	-1.62578213	4.54053354	8.97182465	5.05751753	3.43271089	2.1032327
377	-0.594473	6.9038887	9.93193722	4.24511433	2.54645276	1.58633971
378	-2.21510172	5.57450151	8.52869511	5.20522738	2.17717862	0.99550092
379	-6.34033823	4.24511433	8.60255051	7.93785667	2.54645276	2.17717862
380	-5.82468367	4.98366261	9.26724434	8.8979702	2.02946877	2.02946877
381	-3.09908104	6.9038887	9.93193722	8.23327637	2.32488823	2.9157269
382	-2.21510172	6.31305027	8.15942097	7.71629238	2.17717862	1.73404944
383	-5.3090291	4.68824339	7.56858253	7.86400175	2.25103331	2.47259784
384	-5.60368919	3.3588562	8.23327637	7.12545347	0.99550092	2.17717862
385	-5.1616993	3.87583995	9.71037292	4.98366261	-0.18617664	3.21114635
386	-2.43609643	2.69416237	7.56858253	3.21114635	-1.51556396	3.21114635
387	-2.36243153	1.73404944	4.02354956	4.24511433	-0.33388633	4.54053354
388	-2.28876662	0.92164612	3.3588562	7.42087269	0.55237186	4.1712594
389	-3.09908104	2.69416237	6.68232441	8.23327637	-0.48159602	4.90980816
390	-2.36243153	2.69416237	7.49472761	6.75617933	-3.21422553	3.87583995
391	-2.80442119	1.88175917	6.9038887	6.9038887	-1.29399931	3.58042073
392	-2.73075628	0.25695246	6.23919535	7.42087269	0.99550092	4.68824339
393	-2.95175099	0.99550092	8.52869511	6.9038887	2.25103331	6.46075964
394	-2.73075628	1.95561397	8.30713081	6.01763058	1.73404944	5.2790823
395	-3.4674058	3.50656581	7.64243746	6.31305027	3.21114635	2.9157269
396	-2.36243153	2.9157269	6.53461456	7.42087269	4.54053354	1.43862998
397	-1.62578213	3.58042073	7.93785667	6.9038887	5.2790823	0.92164612
398	-1.62578213	3.3588562	7.79014683	6.9038887	4.98366261	-0.77701545
399	-2.14143682	2.9157269	8.08556652	8.15942097	6.0914855	-1.8109833
400	-2.58342648	0.99550092	6.75617933	8.45484066	5.05751753	-3.21422553
401	-4.42504978	1.73404944	7.27316332	6.31305027	4.68824339	-3.21422553
402	-4.71970987	2.98958182	7.49472761	3.87583995	3.3588562	-1.95869303
403	-3.98306036	3.50656581	7.64243746	4.54053354	3.94969487	-0.18617664
404	-2.36243153	2.02946877	4.83595324	5.35293722	5.13137245	-2.69724154
405	-2.95175099	2.69416237	4.09740448	4.83595324	6.0914855	-2.10640264
406	-2.50976157	2.32488823	5.13137245	4.09740448	3.72813034	0.10924275
407	-4.57237959	1.51248491	6.83003378	4.46667862	2.9157269	0.99550092
408	-5.751019	1.14321065	6.01763058	4.1712594	3.72813034	-1.8109833
409	-7.4453125	3.43271089	5.57450151	3.06343675	4.98366261	-1.66327357
410	-5.01436949	5.86992073	5.13137245	4.39282417	1.66019464	0.55237186

	AO	AP	AQ	AR	AS	AT
352	2.76801729	7.44050217	9.09605312	-8.40295601	-7.81363726	7.79014683
353	2.9157269	8.47181129	9.98231125	-7.91185713	-6.46311331	8.40560436
354	4.68824339	8.10348701	11.01627922	-9.06594086	-5.751019	6.95312548
355	4.39282417	8.0298214	11.01627922	-9.23782635	-5.35813951	6.60846949
356	4.54053354	6.7775178	8.209795	-8.91861153	-5.94745874	7.12545347
357	3.80198526	7.73516178	8.72677898	-7.49442244	-6.07023335	8.13480282
358	1.80790424	9.13479614	11.45940781	-7.81363726	-7.07698774	7.32239962
359	-0.62930572	9.13479614	12.49337578	-8.37840176	-7.29798269	6.78079748
360	1.21706545	6.55652285	9.8346014	-7.91185713	-7.24887276	7.29778147
361	2.47259784	6.9248476	9.76074696	-7.07698774	-7.71541739	8.84873295
362	2.47259784	6.3355279	10.27773094	-8.37840176	-8.45206642	8.79949665
363	0.55237186	6.40919304	10.57314968	-9.48337555	-7.29798269	8.87335205
364	1.29092038	5.15688896	8.80063343	-8.91861153	-6.26667309	8.7748785
365	0.70008153	8.0298214	10.0561657	-7.56808758	-6.21756363	8.60255051
366	1.58633971	8.98746586	10.27773094	-8.42751122	-6.63499784	7.0269804
367	2.02946877	8.0298214	9.02219772	-9.60615063	-6.21756363	6.70694256
368	2.17717862	6.9248476	6.58498812	-8.79583645	-6.68410826	7.51934576
369	0.77393639	8.10348701	5.18174601	-6.63499832	-7.0033226	8.43022251
370	0.55237186	10.01877499	6.43727827	-7.71541739	-7.17520761	6.73156071
371	0.70008153	9.20846081	7.61895609	-8.94316673	-7.12609768	5.94377565
372	1.88175917	6.7775178	7.47124624	-8.55028629	-7.51897717	7.17469025
373	2.9157269	7.58783197	6.14185905	-6.63499832	-7.07698822	9.02106094
374	2.69416237	9.57678509	4.51705217	-7.17520761	-7.12609768	7.76552868
375	0.62622672	11.49207401	6.28956842	-7.61719751	-6.58588839	6.38690472
376	-0.48159602	9.87144566	7.02811718	-7.29798269	-6.02112341	6.18995857
377	-2.40182209	8.32448196	7.91437531	-6.56133318	-5.08803463	7.02697992
378	-2.992661	7.44050217	8.209795	-7.27342749	-5.751019	6.43614149
379	-1.8109833	7.29317236	8.57906914	-7.19976282	-7.42075777	6.92850733
380	1.29092038	8.32448196	8.209795	-7.78908253	-8.32929134	7.71629238
381	0.99550092	10.7554245	6.73269796	-8.05918694	-6.38944864	8.35636711
382	-0.92472512	9.28212547	5.4033103	-8.30473709	-6.09478855	7.39625454
383	-2.62338662	7.73516178	6.65884304	-7.93641186	-7.15065241	6.70694256
384	-1.14628971	7.36683702	6.58498812	-8.23107147	-6.23107147	6.23919535
385	-1.07243478	10.38710022	8.06208515	-7.76452732	-7.27342749	6.18995857
386	-0.62930572	10.23976994	7.17582703	-7.78908205	-6.19300842	4.49129725
387	-2.25411248	8.10348701	6.51113319	-7.81363726	-5.80012894	3.33423781
388	-2.77109623	6.85118246	6.73269796	-7.96096706	-6.38944817	3.90045834
389	-2.69724154	7.88249207	8.65292358	-6.97876787	-6.73321819	5.86992121
390	0.25695246	8.98746586	10.79471397	-7.29798269	-7.15065241	5.64835644
391	0.55237186	8.10348701	10.49929523	-7.76452732	-7.56808758	5.22984552
392	0.84779125	6.04086828	8.65292358	-8.20651627	-7.66630745	4.63900661
393	1.51248491	6.70385265	8.65292358	-7.10154295	-6.63499832	5.47602844
394	1.58633971	8.39814663	7.3235364	-6.97876787	-6.26667356	5.42679167
395	-0.48159602	10.60809422	7.1019721	-6.78232765	-6.29122877	5.82068443
396	-1.36785424	9.57678509	6.51113319	-7.51897764	-6.26667356	5.62373829
397	-1.51556396	8.91380119	6.88040733	-7.17520761	-6.24211836	6.14072227
398	-0.40774119	8.69280624	7.17582703	-6.56133318	-6.83143806	6.01763058
399	0.10924275	8.39814663	5.55102015	-5.70190907	-6.56133318	6.38690472
400	0.84779125	7.80882692	4.22163296	-6.95421314	-7.05243301	5.40217352
401	-0.11232179	7.58783197	5.03403616	-7.73997259	-7.46986723	5.1067543
402	0.10924275	8.39814663	6.28956842	-8.3292923	-7.64175224	4.78671646
403	1.21706545	10.46076488	7.17582703	-7.29798222	-7.00332308	5.22984552
404	3.65427542	9.28212547	4.44319725	-7.34709263	-7.02787781	4.07278633
405	3.72813034	9.28212547	4.29548788	-7.56808758	-6.68410778	3.87583995
406	4.90980816	8.84013653	4.88632631	-8.18196201	-6.56133318	3.8512218
407	2.84187222	10.38710022	6.65884304	-7.76452732	-7.02787781	4.26973248
408	1.80790424	9.35579109	6.51113319	-7.42075729	-8.25562668	3.77736688
409	2.02946877	7.44050217	6.58498812	-6.7577734	-8.03463173	4.02354956
410	4.39282417	8.25081635	8.72677898	-7.34709263	-7.07698774	5.13137245

	AU
352	2.96496367
353	2.9157269
354	3.21114635
355	3.33423781
356	2.49721622
357	2.71878076
358	2.39874291
359	2.20179677
360	2.20179677
361	2.94034529
362	2.49721622
363	1.66019452
364	1.04473746
365	0.99550092
366	1.06935573
367	1.51248491
368	0.89702791
369	1.29092026
370	1.95561397
371	2.37412477
372	2.25103331
373	3.23576474
374	3.45732927
375	3.16190982
376	1.6848129
377	0.57699013
378	0.06000618
379	0.97088271
380	1.78328598
381	2.07870531
382	0.99550098
383	0.70008153
384	0.67546326
385	0.65084499
386	0.35542557
387	0.65084493
388	0.65084499
389	0.57699019
390	0.30618897
391	0.94626445
392	2.17717862
393	3.4080925
394	2.86649036
395	1.88175905
396	1.53710306
397	1.56172144
398	1.26630199
399	1.46324837
400	0.89702773
401	0.4538987
402	0.50313532
403	1.66019452
404	2.02946877
405	2.57107115
406	2.91572714
407	2.25103331
408	1.24168372
409	1.78328598
410	2.20179701

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
411								-0.00950	-1.92	3.43	-8.18	5.57	-10.17	3.06
412								-0.00940	-2.88	5.87	-5.63	5.13	-12.53	4.39
413								-0.00930	-6.05	6.68	-5.16	6.09	-12.01	6.76
414								-0.00920	-7.37	4.84	-6.19	6.17	-9.66	6.46
415								-0.00910	-4.28	4.39	-6.19	7.72	-8.84	3.65
416								-0.00900	-3.69	2.92	-7.37	8.38	-9.14	2.69
417								-0.00890	-5.90	2.55	-8.55	8.16	-9.88	5.94
418								-0.00880	-8.03	3.29	-9.43	6.90	-11.35	8.45
419								-0.00870	-7.45	5.87	-7.37	7.64	-11.13	6.68
420								-0.00860	-7.67	4.61	-6.49	8.23	-10.32	5.13
421								-0.00850	-7.15	3.06	-7.00	8.53	-10.02	6.68
422								-0.00840	-6.12	3.21	-9.43	6.76	-9.80	8.68
423								-0.00830	-4.57	3.95	-9.36	6.90	-9.58	7.86
424								-0.00820	-6.19	1.73	-9.21	7.49	-9.73	5.72
425								-0.00810	-6.05	.92	-6.93	10.01	-9.29	6.09
426								-0.00800	-4.94	2.69	-7.96	8.97	-7.67	8.82
427								-0.00790	-3.91	6.02	-9.21	8.53	-8.55	8.45
428								-0.00780	-5.31	6.17	-11.13	7.79	-12.09	5.87
429								-0.00770	-5.97	6.17	-9.73	8.23	-14.44	6.17
430								-0.00760	-5.46	7.20	-8.84	8.09	-12.97	9.12
431								-0.00750	-5.24	7.79	-8.70	7.94	-11.20	10.15
432								-0.00740	-6.12	4.98	-9.88	7.64	-11.42	9.86
433								-0.00730	-6.63	3.65	-7.96	9.05	-12.01	10.01
434								-0.00720	-7.74	4.17	-7.81	8.68	-11.35	10.45
435								-0.00710	-6.05	6.76	-8.62	8.97	-11.50	7.94
436								-0.00700	-4.43	6.83	-10.02	9.19	-11.79	6.24
437								-0.00690	-4.06	6.02	-8.11	9.86	-12.53	6.46
438								-0.00680	-6.49	5.43	-7.96	8.97	-13.34	7.86
439								-0.00670	-6.86	6.17	-9.07	8.23	-14.59	7.86
440								-0.00660	-5.16	5.43	-9.43	7.64	-14.44	7.27
441								-0.00650	-2.88	5.50	-5.53	7.79	-11.72	7.72
442								-0.00640	-3.47	5.43	-3.84	6.76	-9.29	7.20
443								-0.00630	-3.91	5.13	-5.90	6.17	-9.66	6.76
444								-0.00620	-4.35	3.65	-9.07	5.50	-11.50	7.27
445								-0.00610	-4.20	3.36	-7.81	6.98	-12.60	7.49
446								-0.00600	-5.01	3.06	-6.34	6.61	-12.53	5.72
447								-0.00590	-4.13	2.92	-7.37	6.98	-12.09	4.84
448								-0.00580	-3.39	1.22	-10.02	8.23	-13.12	5.57
449								-0.00570	-2.51	1.73	-9.14	11.04	-13.93	6.09
450								-0.00560	-4.87	1.22	-8.99	9.19	-13.78	6.24
451								-0.00550	-5.53	.70	-7.67	5.94	-14.08	5.87
452								-0.00540	-5.75	4.39	-8.77	3.95	-13.71	4.10
453								-0.00530	-7.45	12.07	-9.88	11.19	-12.68	4.39
454								-0.00520	-7.96	12.07	-11.50	19.83	-12.68	12.66
455								-0.00510	-3.47	.77	-7.67	18.87	-11.79	20.49
456								-0.00500	-1.48	-8.31	-5.16	5.21	-8.40	12.96
457								-0.00490	-4.79	-3.88	-6.34	.70	-6.41	-1.37
458								-0.00480	-8.48	6.31	-9.95	12.07	-7.96	1.59
459								-0.00470	-6.12	13.18	-9.95	22.04	-11.50	17.69
460								-0.00460	-2.14	12.37	-7.81	17.39	-13.12	23.74
461								-0.00450	-.01	7.20	-2.88	8.90	-11.13	12.15
462								-0.00440	-4.35	.55	-.89	4.10	-7.67	.77
463								-0.00430	-9.58	2.92	-5.31	6.61	-8.26	-.63
464								-0.00420	-11.57	9.41	-13.12	12.00	-13.19	4.25
465								-0.00410	-5.46	9.41	-11.64	16.65	-16.51	8.82
466								-0.00400	-.30	-2.11	-4.20	10.15	-13.56	9.19
467								-0.00390	-1.04	-10.53	-2.14	-1.81	-9.58	.33
468								-0.00380	-7.08	-9.05	-8.99	-4.77	-10.47	-11.12
469								-0.00370	-7.67	-2.33	-10.32	4.61	-13.04	-10.67

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
411	-10.76	4.98	-5.90	-1.66	-7.45	2.03	-000950	7.44	6.58	-6.76	4.02	-8.03	1.78	
412	-11.64	1.66	-4.57	.55	-5.01	4.39	-000940	8.25	8.73	-7.35	5.13	-7.08	2.20	
413	-11.72	-.92	-2.88	2.40	-2.65	3.58	-000930	9.43	10.57	-7.74	6.51	-5.75	1.68	
414	-11.94	-1.37	-2.36	.11	-1.55	2.77	-000920	9.36	9.91	-7.74	5.82	-5.28	.50	
415	-11.79	1.44	-2.36	-2.77	-4.28	2.40	-000910	9.43	7.62	-6.44	5.25	-6.14	.36	
416	-13.19	2.55	-3.98	-2.77	-5.53	4.10	-000900	10.46	6.73	-6.73	4.66	-7.57	1.29	
417	-12.31	2.47	-3.76	-.11	-5.31	3.43	-000890	12.23	8.36	-8.11	5.55	-7.13	1.93	
418	-11.20	1.73	-3.39	-.41	-4.13	3.21	-000880	11.27	8.65	-9.61	6.21	-6.24	1.51	
419	-10.47	3.65	-3.17	-2.03	-5.53	3.43	-000870	11.34	6.81	-8.65	6.73	-6.39	1.68	
420	-11.35	5.21	-3.61	-3.29	-5.46	3.73	-000860	11.49	3.56	-8.16	5.99	-6.81	1.88	
421	-10.02	6.31	-1.99	-1.81	-4.28	.48	-000850	10.31	2.30	-8.06	6.09	-5.43	1.66	
422	-9.58	5.13	-4.06	-1.96	-2.14	-2.25	-000840	8.99	3.78	-8.45	6.21	-5.26	.31	
423	-8.99	4.10	-5.68	.48	-2.36	-3.66	-000830	8.03	3.70	-7.84	6.24	-5.68	.31	
424	-11.50	3.29	-5.75	2.77	-2.36	-2.25	-000820	8.84	2.60	-8.38	4.98	-6.54	1.27	
425	-11.64	4.47	-3.17	3.21	-4.43	-2.40	-000810	8.99	3.93	-7.42	5.67	-6.41	1.76	
426	-11.20	4.25	-4.28	.04	-5.16	-2.99	-000800	8.18	5.26	-6.86	6.83	-6.88	.43	
427	-10.02	4.10	-4.43	-.11	-4.94	-2.55	-000790	8.40	4.81	-7.22	7.67	-6.46	.48	
428	-12.60	2.18	-4.72	1.29	-3.39	-.63	-000780	8.03	1.71	-9.51	6.61	-6.91	.95	
429	-13.71	2.25	-5.01	1.59	-4.28	-1.22	-000770	9.13	1.86	-10.05	6.85	-7.67	.87	
430	-13.12	1.22	-7.59	-1.37	-4.43	-.70	-000760	8.55	2.89	-9.09	8.13	-8.38	-.28	
431	-10.98	.85	-5.53	-1.15	-4.50	.11	-000750	8.62	4.59	-8.38	8.63	-7.00	-.06	
432	-11.64	-.48	-3.84	.26	-2.14	2.99	-000740	7.66	4.81	-9.14	7.49	-5.87	.92	
433	-11.79	1.59	-2.80	1.00	-3.47	3.21	-000730	7.37	5.26	-8.87	7.57	-6.02	1.93	
434	-12.68	2.25	-2.95	-.63	-5.46	2.77	-000720	8.10	6.44	-8.97	7.77	-7.03	1.46	
435	-11.50	1.73	-2.07	-1.22	-7.00	1.44	-000710	9.28	5.85	-8.72	7.89	-6.86	.65	
436	-11.28	-.78	-2.44	-.63	-4.87	2.62	-000700	10.61	4.96	-8.75	7.42	-6.19	.40	
437	-10.47	-.92	-2.22	.26	-3.47	1.44	-000690	11.71	4.44	-8.23	7.45	-5.38	.26	
438	-11.13	-.78	-2.66	-1.22	-2.29	.26	-000680	10.61	4.07	-9.26	7.42	-5.36	-.58	
439	-10.54	-.85	-1.48	-2.55	-3.03	-.92	-000670	8.40	4.96	-10.17	7.42	-5.01	-1.44	
440	-10.76	-1.96	-.67	-2.77	-2.80	.77	-000660	7.81	6.07	-9.68	6.78	-4.74	-1.32	
441	-9.66	-1.66	.22	-1.74	-4.13	.18	-000650	9.87	6.14	-6.71	7.00	-4.52	-1.07	
442	-9.36	-.78	-.89	-6.09	-3.91	-2.11	-000640	10.17	5.11	-5.53	6.46	-4.72	-2.99	
443	-9.14	.33	-1.33	-11.26	-3.54	-3.66	-000630	8.10	3.93	-6.49	6.02	-4.67	-4.86	
444	-11.87	-.63	-1.04	-10.53	-3.54	-1.88	-000620	7.81	5.40	-8.30	5.48	-5.48	-4.35	
445	-12.01	-.48	-.15	-2.03	-4.87	-.33	-000610	9.36	7.69	-8.21	5.94	-5.68	-.95	
446	-10.76	-1.88	-2.88	1.51	-4.57	-.48	-000600	10.90	8.51	-7.96	5.13	-6.07	-.28	
447	-9.36	-1.29	-5.16	-.11	-4.57	-2.25	-000590	10.46	7.91	-7.86	4.91	-6.36	-1.22	
448	-12.82	.33	-6.34	-3.95	-5.46	-2.18	-000580	7.66	7.03	-8.84	5.01	-8.21	-1.93	
449	-13.49	2.84	-4.13	-6.76	-7.08	-.78	-000570	6.78	8.65	-8.53	6.29	-8.23	-1.56	
450	-12.38	2.77	-2.36	-8.90	-4.87	.85	-000560	7.37	9.24	-9.21	5.55	-6.54	-1.76	
451	-10.02	3.21	-1.63	-4.40	-3.47	-.04	-000550	10.31	9.10	-9.09	4.17	-5.04	-.41	
452	-11.35	2.62	-3.54	2.92	-3.10	-1.07	-000540	11.05	7.18	-9.41	4.15	-6.00	1.49	
453	-11.50	2.92	-2.66	7.94	-4.43	-.78	-000530	10.02	5.40	-10.00	9.22	-6.19	3.36	
454	-11.35	2.77	-4.72	4.47	-3.84	1.66	-000520	8.69	4.81	-10.71	14.86	-6.63	2.96	
455	-9.80	4.69	-6.27	-.48	-4.57	.55	-000510	8.25	4.44	-7.64	13.38	-6.88	1.59	
456	-10.47	5.87	-5.09	-2.77	-2.73	.40	-000500	8.99	5.55	-5.01	3.29	-6.09	1.17	
457	-10.69	6.31	-2.29	-2.84	-2.73	-1.22	-000490	9.58	7.03	-5.85	-1.52	-5.24	.75	
458	-10.61	3.21	-4.35	-7.42	-2.44	-2.40	-000480	8.69	6.88	-8.80	6.66	-5.80	-2.20	
459	-10.32	1.66	-5.60	-12.52	-3.61	-5.36	-000470	7.07	4.66	-9.19	17.64	-6.51	-5.41	
460	-12.53	1.88	-2.73	-12.74	-.82	-4.54	-000460	7.51	2.60	-7.69	17.83	-5.36	-5.13	
461	-12.97	3.95	.51	-6.98	-.01	-5.73	-000450	9.65	4.37	-4.67	9.41	-4.15	-2.92	
462	-12.60	3.65	-1.85	-1.15	-.82	-10.38	-000440	11.79	6.73	-4.30	1.81	-5.09	-2.62	
463	-9.36	1.73	-5.16	4.54	-2.22	-15.10	-000430	11.20	5.33	-7.72	2.96	-5.58	-2.94	
464	-8.84	-3.29	-7.74	9.34	-.45	-11.26	-000420	11.12	2.89	-12.63	8.55	-5.68	-1.74	
465	-9.88	-8.61	-6.78	9.86	-.67	-4.91	-000410	10.68	.75	-11.20	11.63	-5.78	-1.22	
466	-11.87	-12.00	-5.46	5.28	-1.33	-.85	-000400	11.20	1.93	-6.02	5.75	-6.22	-2.52	
467	-11.05	-10.45	-2.80	6.83	-2.44	-2.84	-000390	11.49	4.66	-4.25	-4.00	-5.43	-2.16	
468	-12.68	-7.28	-2.80	11.63	-2.14	-6.98	-000380	9.58	5.18	-8.84	-8.31	-5.87	-.88	
469	-13.49	-2.33	-2.80	13.92	-1.70	-10.45	-000370	9.87	6.58	-10.34	-2.80	-6.00	.38	

	AC	AD	AE	AF	AG	AH
411	0.00406	-6.04567862	-5.1616993	-12.01253891	-11.7178793	-2.87808609
412	0.00407	-7.37164736	-6.19300842	-9.65526104	-11.93887424	-2.36243153
413	0.00408	-4.27771997	-6.19300842	-8.84494591	-11.79154396	-2.36243153
414	0.00409	-3.68840051	-7.37164736	-9.13960648	-13.19117832	-3.98306036
415	0.0041	-5.89834881	-8.55028629	-9.87625599	-12.30719852	-3.76206541
416	0.00411	-8.03463173	-9.43426609	-11.34955406	-11.20222473	-3.39374065
417	0.00412	-7.4453125	-7.37164736	-11.12855911	-10.46557522	-3.17274594
418	0.00413	-7.66630745	-6.48766804	-10.31824493	-11.34955406	-3.6147356
419	0.00414	-7.15065289	-7.00332308	-10.02356532	-10.02356532	-1.99410689
420	0.00415	-6.11934376	-9.43426609	-9.80259037	-9.58159542	-4.05672503
421	0.00416	-4.57237959	-9.36060143	-9.58159542	-8.99227619	-5.67735386
422	0.00417	-6.19300842	-9.21327114	-9.7289257	-11.49688435	-5.751019
423	0.00418	-6.04567862	-6.92965794	-9.28693581	-11.64421368	-3.17274594
424	0.00419	-4.94070435	-7.96096706	-7.66630745	-11.20222473	-4.27771997
425	0.0042	-3.90939546	-9.21327114	-8.55028629	-10.02356532	-4.42504978
426	0.00421	-5.3090291	-11.12855911	-12.08620358	-12.60185814	-4.71970987
427	0.00422	-5.97201347	-9.7289257	-14.44348145	-13.70683289	-5.01436949
428	0.00423	-5.45635891	-8.84494591	-12.97018337	-13.1175127	-7.59264231
429	0.00424	-5.23536444	-8.69761658	-11.20222473	-10.98122978	-5.53002405
430	0.00425	-6.11934376	-9.87625599	-11.42321968	-11.64421368	-3.83573031
431	0.00426	-6.63499832	-7.96096706	-12.01253891	-11.79154396	-2.80442119
432	0.00427	-7.73997211	-7.81363726	-11.34955406	-12.67552376	-2.95175099
433	0.00428	-6.04567862	-8.62395191	-11.49688435	-11.49688435	-2.06777191
434	0.00429	-4.42504978	-10.02358532	-11.79154396	-11.2758894	-2.43609643
435	0.0043	-4.05672503	-8.10829735	-12.52819347	-10.46557522	-2.21510172
436	0.00431	-6.48766804	-7.96096706	-13.33850765	-11.12855911	-2.65709138
437	0.00432	-6.85599279	-9.06594086	-14.59081173	-10.53923988	-1.47845232
438	0.00433	-5.1616993	-9.43426609	-14.44348145	-10.76023483	-0.66813797
439	0.00434	-2.87808609	-5.53002405	-11.7178793	-9.65526104	0.21584135
440	0.00435	-3.4674058	-3.83573031	-9.28693581	-9.36060143	-0.88913274
441	0.00436	-3.90939546	-5.89834881	-9.65526104	-9.13960648	-1.3311224
442	0.00437	-4.35138512	-9.06594086	-11.49688435	-11.86520863	-1.03646266
443	0.00438	-4.20405531	-7.81363726	-12.60185814	-12.01253891	-0.15248336
444	0.00439	-5.01436949	-6.34033823	-12.52819347	-10.76023483	-2.87808609
445	0.0044	-4.13039017	-7.37164736	-12.08620358	-9.36060143	-5.1616993
446	0.00441	-3.39374065	-10.02358532	-13.1175127	-12.82285309	-6.34033823
447	0.00442	-2.50976157	-9.13960648	-13.92782688	-13.48583794	-4.13039017
448	0.00443	-4.86703968	-8.99227619	-13.78049755	-12.38086319	-2.36243153
449	0.00444	-5.53002405	-7.66630745	-14.07515717	-10.02358532	-1.62578213
450	0.00445	-5.751019	-8.77128124	-13.70683289	-11.34955406	-3.5410707
451	0.00446	-7.4453125	-9.87625599	-12.67552376	-11.49688435	-2.65709138
452	0.00447	-7.96096706	-11.49688435	-12.67552376	-11.34955406	-4.71970987
453	0.00448	-3.4674058	-7.66630745	-11.79154396	-9.80259037	-6.26667356
454	0.00449	-1.47845232	-5.1616993	-8.40295696	-10.46557522	-5.08803463
455	0.0045	-4.79337454	-6.34033823	-6.41400337	-10.68657017	-2.28876662
456	0.00451	-8.47662163	-9.94992065	-7.96096706	-10.61290455	-4.35138512
457	0.00452	-6.11934376	-9.94992065	-11.49688435	-10.31824493	-5.60368919
458	0.00453	-2.14143682	-7.81363726	-13.1175127	-12.52819347	-2.73075628
459	0.00454	-0.00515347	-2.87808609	-11.12855911	-12.97018337	0.51050109
460	0.00455	-4.35138512	-0.88913274	-7.66630745	-12.60185814	-1.84677696
461	0.00456	-9.58159542	-5.3090291	-8.25562668	-9.36060143	-5.1616993
462	0.00457	-11.57054901	-13.1175127	-13.19117832	-8.84494591	-7.73997211
463	0.00458	-5.45635891	-11.64421368	-16.5060997	-9.87625599	-6.78232813
464	0.00459	-0.29981324	-4.20405531	-13.5595026	-11.86520863	-5.45635891
465	0.0046	-1.03646266	-2.14143682	-9.58159542	-11.05489445	-2.80442119
466	0.00461	-7.07698774	-8.99227619	-10.46557522	-12.67552376	-2.80442119
467	0.00462	-7.66630745	-10.31824493	-13.04384804	-13.48583794	-2.80442119
468	0.00463	-5.67735386	-6.85599279	-12.23353386	-13.1175127	-4.71970987
469	0.00464	-3.98306036	-4.94070435	-7.96096706	-9.94992065	-6.34033823

	AI	AJ	AK	AL	AM	AN
411	-2.65709138	6.68232441	6.0914855	6.75617933	-0.92472512	2.39874315
412	-1.55211723	4.83595324	6.16534042	6.46075964	-1.36785424	0.10924275
413	-4.27771997	4.39282417	7.71629238	3.65427542	1.43862998	-2.77109623
414	-5.53002405	2.9157269	8.38098621	2.69416237	2.54645276	-2.77109623
415	-5.3090291	2.54645276	8.15942097	5.94377565	2.47259784	-0.11232179
416	-4.13039017	3.28500128	6.9038887	8.45484066	1.73404944	-0.40774119
417	-5.53002405	5.86992073	7.64243746	6.68232441	3.65427542	-2.03254795
418	-5.45635891	4.61438847	8.23327637	5.13137245	5.20522738	-3.28808022
419	-4.27771997	3.06343675	6.52869511	6.68232441	6.31305027	-1.8109833
420	-2.14143682	3.21114635	6.75617933	8.67640495	5.13137245	-1.95869303
421	-2.36243153	3.94969487	6.9038887	7.86400175	4.09740448	0.478517
422	-2.36243153	1.73404944	7.49472761	5.72221136	3.28500128	2.76801729
423	-4.42504978	0.92164612	10.00579262	6.0914855	4.46667862	3.21114635
424	-5.1616993	2.69416237	8.97182465	8.8241148	4.24511433	0.03538791
425	-4.94070435	6.01763058	8.52869511	8.45484066	4.09740448	-0.11232179
426	-3.39374065	6.16534042	7.79014683	5.86992073	2.17717862	1.29092038
427	-4.27771997	6.16534042	8.23327637	6.16534042	2.25103331	1.58633971
428	-4.42504978	7.1993084	8.08556652	9.11953449	1.21706545	-1.36785424
429	-4.49871492	7.79014683	7.93785667	10.15350246	0.84779125	-1.14628971
430	-2.14143682	4.98366261	7.64243746	9.85808277	-0.48159602	0.25695246
431	-3.4674058	3.65427542	9.04567909	10.00579262	1.58633971	0.99550092
432	-5.45635891	4.1712594	8.67640495	10.4489212	2.25103331	-0.62930572
433	-7.00332308	6.75617933	8.97182465	7.93785667	1.73404944	-1.22014451
434	-4.86703968	6.83003378	9.19338894	6.23919535	-0.77701545	-0.62930572
435	-3.4674058	6.01763058	9.85808277	6.46075964	-0.92472512	0.25695246
436	-2.28876662	5.42679167	8.97182465	7.86400175	-0.77701545	-1.22014451
437	-3.02541614	6.16534042	8.23327637	7.86400175	-0.85087025	-2.5495317
438	-2.80442119	5.42679167	7.64243746	7.27316332	-1.95869303	-2.77109623
439	-4.13039017	5.50064659	7.79014683	7.71629238	-1.66327357	-1.7371285
440	-3.90939546	5.42679167	6.75617933	7.1993084	-0.77701545	-6.09456444
441	-3.5410707	5.13137245	6.16534042	6.75617933	0.3308073	-11.2644043
442	-3.5410707	3.65427542	5.50064659	7.27316332	-0.62930572	-10.52585506
443	-4.86703968	3.3588562	6.97774363	7.49472761	-0.48159602	-2.03254795
444	-4.57237959	3.06343675	6.60846949	5.72221136	-1.8848381	1.51248491
445	-4.57237959	2.9157269	6.97774363	4.83595324	-1.29399931	-0.11232179
446	-5.45635891	1.21706545	8.23327637	5.57450151	0.3308073	-3.95277381
447	-7.07698774	1.73404944	11.03976059	6.0914855	2.84187222	-6.75925827
448	-4.86703968	1.21706545	9.19338894	6.23919535	2.76801729	-8.90104866
449	-3.4674058	0.70008153	5.94377565	5.86992073	3.21114635	-4.39590311
450	-3.09908104	4.39282417	3.94969487	4.09740448	2.62030768	2.9157269
451	-4.42504978	12.07372856	11.18747044	4.39282417	2.9157269	7.93785667
452	-3.83573031	12.07372856	19.8284874	12.66456699	2.76801729	4.46667862
453	-4.57237959	0.77393639	18.86837387	20.49318123	4.68824339	-0.48159602
454	-2.73075628	-8.31021023	5.20522738	12.95998669	5.86992073	-2.77109623
455	-2.73075628	-3.87891912	0.70008153	-1.36785424	6.31305027	-2.84495115
456	-2.43609643	6.31305027	12.07372856	1.58633971	3.21114635	-7.42395163
457	-3.6147356	13.18155098	22.04413223	17.68669701	1.66019464	-12.51993656
458	-0.81546783	12.3691473	17.39127731	23.74279404	1.88175917	-12.74150085
459	-0.00515347	7.1993084	8.8979702	12.14758301	3.94969487	-6.98082256
460	-0.81546783	0.55237186	4.09740448	0.77393639	3.65427542	-1.14628971
461	-2.21510172	2.9157269	6.60846949	-0.62930572	1.73404944	4.54053354
462	-0.44714311	9.41495323	11.99987316	4.24511433	-3.28808022	9.34109879
463	-0.66813797	9.41495323	16.65272903	8.8241148	-8.60562897	9.85808277
464	-1.3311224	-2.10640264	10.15350246	9.19338894	-12.00295258	5.2790823
465	-2.43609643	-10.52585506	-1.8109833	0.3308073	-10.45200062	6.83003378
466	-2.14143682	-9.04875851	-4.76517725	-11.11669445	-7.27624226	11.63059902
467	-1.69944715	-2.32796717	4.61438847	-10.67356491	-2.32796717	13.92009926
468	0.28950629	-4.54361248	6.46075964	-2.992661	-1.22014451	9.71037292
469	-0.29981324	-6.5376935	-3.14037061	-3.36193514	-0.62930572	4.1712594

	AO	AP	AQ	AR	AS	AT
411	3.58042073	9.42945576	10.57314968	-7.73997211	-5.751019	6.50999641
412	2.76801729	9.35579109	9.90845585	-7.73997211	-5.28447437	5.82068443
413	2.39874315	9.42945576	7.61895609	-6.4385581	-6.14389849	5.25446415
414	4.09740448	10.46076488	6.73269796	-6.73321819	-7.56808758	4.66362524
415	3.43271089	12.22872353	8.35750484	-8.10829735	-7.12609768	5.54988289
416	3.21114635	11.27107906	8.65292358	-9.60615063	-6.24211836	6.21457672
417	3.43271089	11.34474373	6.80655241	-8.64850616	-6.38944817	6.73156071
418	3.72813034	11.49207401	3.55693913	-8.15740681	-6.80688286	5.99301243
419	0.478517	10.3134346	2.30140686	-8.05918694	-5.43180418	6.0914855
420	-2.25411248	8.98746586	3.77850389	-8.45206642	-5.25991917	6.21457672
421	-3.65735459	8.0298214	3.70464897	-7.83819199	-5.67735386	6.23919487
422	-2.25411248	8.84013653	2.59682631	-8.37840176	-6.53677845	4.98366261
423	-2.40182209	8.98746586	3.9262135	-7.42075729	-6.41400337	5.67297459
424	-2.992661	8.17715168	5.25560093	-6.85599279	-6.880548	6.83003378
425	-2.5495317	8.39814663	4.81247187	-7.22431755	-6.46311331	7.66705561
426	-0.62930572	8.0298214	1.71056807	-9.50793076	-6.90510273	6.50846949
427	-1.22014451	9.13479614	1.85827768	-10.04814053	-7.66630745	6.8546524
428	-0.70316058	8.54547596	2.89224553	-9.09049606	-8.37840176	8.13480282
429	0.10924275	8.61914158	4.5909071	-8.37840176	-7.00332308	8.52716866
430	2.98958182	7.66149712	4.81247187	-9.13960648	-5.8737936	7.49472761
431	3.21114635	7.36683702	5.25560093	-8.86950111	-6.02112389	7.56858253
432	2.76801729	8.10348701	6.43727827	-8.96772099	-7.02787781	7.76552868
433	1.43862998	9.28212547	5.84643936	-8.72217178	-6.85599327	7.88862038
434	2.62030768	10.60809422	4.96018124	-8.74672604	-6.19300842	7.42087269
435	1.43862998	11.71306896	4.44319725	-8.23107147	-5.38269424	7.44549084
436	0.25695246	10.60809422	4.07392311	-9.2623806	-5.35813904	7.42087269
437	-0.92472512	8.39814663	4.96018124	-10.1709156	-5.01436949	7.42087269
438	0.77393639	7.80882692	6.06800413	-9.67981529	-4.7442646	6.78079748
439	0.1830976	9.87144566	6.14185905	-6.70866299	-4.52327013	7.00236177
440	-2.10640264	10.16610527	5.10789108	-5.53002405	-4.71970987	6.46075964
441	-3.65735459	8.10348701	3.9262135	-6.48766851	-4.67059994	6.01763058
442	-1.8848381	7.80882692	5.4033103	-8.30473709	-5.48091412	5.47602844
443	-0.33388633	9.35579109	7.69281054	-8.20651722	-5.67735386	5.94377565
444	-0.48159602	10.90275478	8.50521374	-7.96096706	-6.07023335	5.13137245
445	-2.25411248	10.46076488	7.91437531	-7.86274719	-6.36489344	4.90980816
446	-2.18025756	7.66149712	7.02811718	-8.84494591	-8.20651627	5.00828123
447	-0.77701545	6.7775178	8.65292358	-8.52573204	-8.23107147	6.28843164
448	0.84779125	7.36683702	9.24376297	-9.21327114	-6.53677797	5.54988337
449	-0.03846694	10.3134346	9.09605312	-9.09049606	-5.03892422	4.1712594
450	-1.07243478	11.05008411	7.17582703	-9.40971088	-5.99656868	4.14664125
451	-0.77701545	10.01877499	5.4033103	-9.99903107	-6.19300842	9.21800804
452	1.66019464	8.69280624	4.81247187	-10.71112537	-6.63499832	14.85559464
453	0.55237186	8.25081635	4.44319725	-7.64175224	-6.880548	13.37849712
454	0.40466216	8.98746586	5.55102015	-5.01436949	-6.09478855	3.28500128
455	-1.22014451	9.57678509	7.02811718	-5.84923887	-5.23536444	-1.51556396
456	-2.40182209	8.69280624	6.88040733	-8.79583645	-5.80012894	6.65770626
457	-5.35601616	7.07217741	4.66476202	-9.18871593	-6.51222324	17.63746071
458	-4.54361248	7.51416731	2.59682631	-7.69086218	-5.35813904	17.8344059
459	-5.7252903	9.65045071	4.3693428	-4.67059946	-4.15494537	9.41495419
460	-10.37814617	11.78673363	6.73269796	-4.30227518	-5.08803415	1.80790424
461	-15.10485649	11.1974144	5.32945538	-7.71541691	-5.57913399	2.96496344
462	-11.2644043	11.12374878	2.89224553	-12.62641335	-5.67735386	8.55331326
463	-4.9128871	10.68175983	0.75045496	-11.20222378	-5.77557421	11.63059902
464	-0.85087025	11.1974144	1.9321326	-6.02112389	-6.21756315	5.74682951
465	-2.84495115	11.49207401	4.66476202	-4.25316477	-5.43180418	-4.00201035
466	-6.98082256	9.57678509	5.18174601	-8.84494591	-5.87379408	-8.31021023
467	-10.45200062	9.87144566	6.58498812	-10.34280014	-5.99656868	-2.79571462
468	-9.86116219	11.27107906	7.02811718	-8.25562668	-5.84923887	-0.35850462
469	-7.35009718	13.99668217	5.55102015	-5.62824392	-5.53002405	-4.34666634

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411	1.6848129
412	0.50313526
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415	1.9309957
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417	1.68481278
418	1.88175917
419	1.66019464
420	0.30618897
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422	1.26630199
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424	0.4292804
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431	1.9309957
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433	0.65084499
434	0.40466216
435	0.25695243
436	-0.58006918
437	-1.44170904
438	-1.31861758
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440	-2.99266076
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447	-1.5648005
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450	1.48786664
451	3.35885596
452	2.96496344
453	1.58633971
454	1.16782892
455	0.74931818
456	-2.20487571
457	-5.40525246
458	-5.13445139
459	-2.91880608
460	-2.62338686
461	-2.94342446
462	-1.73712862
463	-1.22014439
464	-2.52491355
465	-2.15563941
466	-0.87548858
467	0.38004383
468	-0.45697793
469	-1.26938117

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
470								-0.00360	-5.68	-4.54	-6.86	6.46	-12.23	-2.99
471								-0.00350	-3.98	-6.54	-4.94	-3.14	-7.96	-3.36
472								-0.00340	-4.13	-1.81	-7.81	-12.08	-6.49	-13.63
473								-0.00330	-1.55	2.69	-6.05	-10.23	-6.49	-15.10
474								-0.00320	.29	-7.50	-2.51	-7.79	-7.00	-3.73
475								-0.00310	-3.54	-18.50	-1.40	-5.36	-7.22	3.95
476								-0.00300	-9.73	-10.60	-7.67	-.92	-7.30	-.41
477								-0.00290	-6.41	4.32	-11.79	6.98	-7.96	-2.11
478								-0.00280	3.09	2.25	-10.17	7.64	-7.00	4.69
479								-0.00270	8.54	-10.90	-4.57	5.13	-5.38	6.53
480								-0.00260	2.65	-17.25	-2.88	.33	-3.84	-.19
481								-0.00250	-6.63	-8.68	-4.13	-7.57	-5.31	-5.06
482								-0.00240	-9.43	6.46	-7.52	-10.53	-8.55	2.18
483								-0.00230	-2.80	16.21	-7.96	2.77	-13.71	16.73
484								-0.00220	4.41	12.81	-7.00	15.91	-15.77	23.45
485								-0.00210	3.53	5.13	-6.78	10.23	-11.64	11.34
486								-0.00200	-7.22	2.99	-10.10	-3.73	-5.60	-9.42
487								-0.00190	-14.96	8.97	-11.94	-2.03	-7.67	-22.05
488								-0.00180	-13.49	14.14	-12.38	10.30	-15.77	-18.35
489								-0.00170	-5.97	13.99	-11.50	17.98	-18.42	-3.44
490								-0.00160	-3.69	9.41	-10.02	13.70	-14.89	10.30
491								-0.00150	-6.19	7.49	-5.60	8.62	-15.03	12.37
492								-0.00140	-10.91	5.13	-7.37	11.04	-17.83	7.57
493								-0.00130	-10.98	4.10	-14.37	23.45	-16.06	9.27
494								-0.00120	-8.55	5.43	-17.61	34.97	-11.13	16.95
495								-0.00110	-3.98	7.05	-9.88	29.36	-8.26	20.86
496								-0.00100	2.06	-2.70	-1.55	7.27	-7.67	20.86
497								-0.00090	12.37	-16.43	3.53	.40	-5.31	21.38
498								-0.00080	20.92	-13.78	6.11	18.57	2.50	20.35
499								-0.00070	23.42	7.79	13.48	33.34	12.96	20.12
500								-0.00060	26.07	23.00	23.27	18.57	22.83	30.02
501								-0.00050	37.56	21.31	36.39	3.36	29.83	41.91
502								-0.00040	51.78	17.39	47.95	18.65	39.63	37.78
503								-0.00030	62.17	23.23	56.57	46.19	56.05	23.67
504								-0.00020	69.98	30.54	66.81	51.66	76.97	26.99
505								-0.00010	84.56	39.40	87.80	40.06	93.11	48.56
506								.000000	106.51	45.01	111.08	35.12	102.83	65.99
507								.000010	130.82	42.28	124.93	39.84	114.03	67.54
508								.000020	149.76	35.49	129.87	40.29	131.41	61.41
509								.000030	165.08	37.92	141.28	35.56	147.18	54.17
510								.000040	175.39	43.68	158.96	34.75	155.28	51.22
511								.000050	185.48	46.93	169.57	47.38	162.35	54.02
512								.000060	195.94	52.18	173.70	64.36	177.90	60.67
513								.000070	208.17	66.36	194.18	75.59	205.23	77.58
514								.000080	225.11	77.80	230.93	78.99	234.69	100.99
515								.000090	255.17	77.80	263.27	83.71	255.17	113.40
516								.000100	288.39	76.70	276.31	92.06	271.08	110.82
517								.000110	306.59	93.61	286.40	100.85	288.47	102.92
518								.000120	315.28	116.95	303.35	98.26	304.08	99.37
519								.000130	337.82	122.49	321.47	88.00	316.02	100.92
520								.000140	366.32	113.11	331.56	81.94	334.21	100.48
521								.000150	385.26	117.39	350.42	94.50	365.23	102.03
522								.000160	385.85	132.16	380.92	120.12	395.72	114.51
523								.000170	393.81	136.74	409.42	142.35	405.96	137.70
524								.000180	422.68	134.60	425.12	146.49	407.29	159.41
525								.000190	459.37	136.59	441.54	140.06	427.84	161.85
526								.000200	477.79	135.26	460.40	137.33	462.91	150.55
527								.000210	481.84	132.46	478.15	150.33	477.20	148.34
528								.000220	493.62	143.83	495.02	166.13	475.35	162.66

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
470	-13.12	-1.22	-4.72	9.71	.29	-9.86	-0.00360	11.27	7.03	-8.26	-.36	-5.85	-.46	
471	-9.95	-.63	-6.34	4.17	-.30	-7.35	-0.00350	14.00	5.55	-5.63	-4.35	-5.53	-1.27	
472	-9.43	1.00	-6.34	-2.11	-1.63	-3.58	-0.00340	13.33	.90	-6.14	-9.17	-5.80	-1.56	
473	-7.59	7.27	-3.54	-3.73	-1.92	.92	-0.00330	10.83	.38	-4.70	-7.55	-4.35	1.49	
474	-5.90	9.27	-4.43	-1.22	-1.55	3.65	-0.00320	8.91	5.99	-3.07	-6.34	-3.96	3.90	
475	-6.27	7.49	-5.60	2.25	-4.43	1.07	-0.00310	8.62	10.50	-4.06	-6.64	-5.43	3.61	
476	-9.51	5.13	-5.53	1.44	-4.43	-.78	-0.00300	9.50	9.83	-8.23	-3.98	-6.49	1.93	
477	-10.61	7.94	-2.61	1.59	-2.07	-.56	-0.00290	9.95	6.29	-8.72	3.06	-5.06	2.99	
478	-12.38	9.12	-2.22	-.48	1.17	.33	-0.00280	9.36	5.40	-4.70	4.86	-4.47	2.99	
479	-13.26	8.09	-2.66	-1.96	-.15	-3.44	-0.00270	9.28	7.62	-.47	.26	-5.36	.90	
480	-12.53	5.57	-3.10	-.63	-.01	-5.65	-0.00260	7.96	7.62	-1.36	-5.70	-5.21	-.24	
481	-10.76	1.51	-2.95	4.84	-1.63	-6.17	-0.00250	7.66	5.85	-5.36	-7.10	-5.11	.06	
482	-11.35	-3.36	-3.84	6.24	-2.29	1.07	-0.00240	7.00	3.26	-8.50	-.63	-5.82	1.32	
483	-12.60	-3.36	-4.28	4.98	-5.46	9.78	-0.00230	7.37	1.12	-8.16	11.90	-7.45	3.80	
484	-16.21	-.04	-6.34	5.80	-6.78	15.03	-0.00220	9.72	3.48	-6.12	17.39	-9.78	6.93	
485	-18.72	2.32	-6.19	9.12	-6.05	12.59	-0.00210	10.83	9.98	-4.97	8.90	-10.32	8.01	
486	-19.45	.11	-5.60	9.27	-3.25	9.34	-0.00200	14.81	21.80	-7.64	-3.39	-9.43	6.24	
487	-18.64	-3.14	-5.82	6.24	-3.25	8.23	-0.00190	20.92	30.37	-11.52	-5.04	-9.24	3.78	
488	-18.35	-6.69	-7.96	.11	-4.20	9.56	-0.00180	23.28	27.78	-13.88	2.03	-10.17	1.00	
489	-15.11	-8.01	-4.94	-1.81	-3.25	9.19	-0.00170	18.42	16.63	-11.96	9.51	-7.76	-.21	
490	-12.23	-8.38	-1.92	2.18	-1.33	6.61	-0.00160	12.08	7.91	-9.53	11.14	-5.16	.13	
491	-9.51	-5.80	-2.73	8.97	-2.58	.40	-0.00150	11.20	12.35	-8.94	9.56	-4.94	1.19	
492	-9.36	-3.95	-5.90	7.20	-2.95	-4.62	-0.00140	13.70	22.32	-12.04	7.91	-6.07	-.46	
493	-7.81	1.07	-4.57	3.43	-2.29	-7.13	-0.00130	16.57	22.39	-13.81	12.27	-4.89	-.88	
494	-7.45	6.53	-3.25	2.69	-.08	-5.36	-0.00120	19.74	10.13	-12.43	19.11	-3.59	1.29	
495	-5.16	13.11	-1.11	5.57	2.50	-3.44	-0.00110	24.02	-.21	-7.37	19.09	-1.26	5.08	
496	-2.07	15.18	1.91	10.82	6.62	.55	-0.00100	27.11	.01	-2.39	8.48	2.16	8.85	
497	3.46	16.36	6.40	21.45	10.16	4.69	-0.00090	26.81	5.70	3.53	1.78	6.67	14.17	
498	6.77	19.31	8.10	29.95	13.70	6.90	-0.00080	28.58	11.68	9.84	8.38	9.52	18.72	
499	10.46	27.14	12.96	32.09	17.16	4.54	-0.00070	35.21	22.09	16.62	20.42	13.52	21.26	
500	16.57	31.42	22.09	29.06	24.45	6.61	-0.00060	42.65	37.68	24.06	23.87	21.04	22.36	
501	27.40	30.61	34.99	28.25	32.41	13.92	-0.00050	47.96	46.76	34.59	22.19	31.60	24.26	
502	38.74	28.91	46.85	32.01	44.05	23.89	-0.00040	53.04	43.81	46.45	24.60	43.21	28.27	
503	51.27	34.53	61.87	40.21	57.31	27.73	-0.00030	62.84	43.44	58.26	31.03	56.82	34.16	
504	65.92	39.70	78.96	43.91	76.90	30.83	-0.00020	78.23	56.22	71.25	36.40	73.93	38.14	
505	85.30	37.04	96.79	43.39	97.90	34.01	-0.00010	99.01	69.14	88.49	42.67	93.33	38.14	
506	102.98	33.64	108.80	43.76	114.18	36.37	.000000	130.39	74.53	106.81	48.71	108.65	37.92	
507	111.01	41.91	115.80	48.41	118.74	34.75	.000010	166.78	75.34	123.26	49.89	115.18	41.69	
508	112.11	55.28	124.49	50.18	121.69	39.16	.000020	194.84	77.49	137.01	45.73	119.43	48.21	
509	119.92	64.58	139.00	53.73	129.94	51.22	.000030	203.76	74.09	151.18	42.55	129.62	56.51	
510	132.15	67.46	149.90	59.49	142.54	63.18	.000040	203.46	66.85	163.21	43.22	141.53	63.38	
511	143.94	69.53	158.67	60.67	154.18	67.83	.000050	205.30	70.03	172.47	49.44	152.26	66.01	
512	159.04	71.97	177.38	56.83	171.78	70.79	.000060	208.18	90.48	182.51	59.07	169.40	66.53	
513	190.20	77.95	212.15	66.14	200.58	79.65	.000070	215.10	118.25	202.52	73.18	200.98	74.58	
514	226.96	85.49	247.21	85.85	238.82	95.75	.000080	246.04	131.55	230.25	85.93	237.66	89.03	
515	256.64	91.62	272.85	103.28	271.97	106.09	.000090	311.53	130.37	257.87	91.64	267.15	100.33	
516	278.37	94.35	290.82	110.89	295.54	108.23	.000100	368.21	132.58	278.60	93.19	288.25	104.49	
517	302.46	101.59	308.21	118.57	314.40	109.27	.000110	446.12	139.97	293.82	99.12	308.36	109.81	
518	325.67	111.33	328.55	127.44	336.79	119.75	.000120	488.10	147.65	307.57	104.86	329.67	119.51	
519	347.55	119.90	350.35	133.34	356.46	131.13	.000130	527.37	152.82	325.10	103.80	351.45	128.12	
520	368.76	124.78	376.35	132.90	373.33	139.69	.000140	563.76	161.31	344.70	98.51	372.81	132.46	
521	390.42	132.31	402.57	130.83	391.89	143.39	.000150	593.15	180.14	366.97	104.64	394.96	135.51	
522	408.84	140.66	430.57	127.73	422.17	140.43	.000160	618.86	212.94	387.50	122.27	420.52	136.27	
523	432.04	149.44	461.43	130.54	457.68	128.03	.000170	663.21	256.21	403.06	138.93	450.38	136.00	
524	462.68	160.00	490.16	141.17	491.49	127.88	.000180	746.82	293.44	418.36	146.83	481.44	143.02	
525	500.92	175.96	526.85	159.49	519.33	153.28	.000190	837.72	296.83	442.92	146.17	515.70	162.91	
526	543.35	192.06	572.22	181.50	552.85	188.22	.000200	889.58	265.74	467.03	141.05	556.14	187.26	
527	582.61	202.77	603.97	205.43	591.45	199.37	.000210	918.16	236.27	479.06	143.71	592.68	202.52	
528	605.82	207.94	608.17	224.78	623.35	190.80	.000220	981.44	250.01	488.00	157.54	612.45	207.84	

	AC	AD	AE	AF	AG	AH
470	0.00465	-4.13039017	-7.81363726	-6.48766804	-9.43426609	-6.34033823
471	0.00466	-1.55211723	-6.04567862	-6.48766804	-7.59264231	-3.5410707
472	0.00467	0.28950629	-2.50976157	-7.00332308	-5.89834881	-4.42504978
473	0.00468	-3.5410707	-1.4047873	-7.22431755	-6.26667356	-5.60368919
474	0.00469	-9.7289257	-7.66630745	-7.29798269	-9.50793076	-5.53002405
475	0.0047	-6.41400337	-11.79154396	-7.96096706	-10.61290455	-2.50976157
476	0.00471	3.08877397	-10.1709156	-7.00332308	-12.38086319	-2.21510172
477	0.00472	8.53997993	-4.57237950	-5.38269424	-13.26484299	-2.65709138
478	0.00473	2.64678431	-2.87808609	-3.83573031	-12.52619347	-3.09908104
479	0.00474	-6.63499832	-4.13039017	-5.3090291	-10.76023483	-2.95175099
480	0.00475	-9.43426609	-7.51897764	-8.55028629	-11.34955406	-3.83573031
481	0.00476	-2.80442119	-7.96096706	-13.70683289	-12.60185814	-4.27771997
482	0.00477	4.41474295	-7.00332308	-15.76945114	-16.21144104	-6.34033823
483	0.00478	3.53076363	-6.78232813	-11.64421368	-18.71604919	-6.19300842
484	0.00479	-7.22431755	-10.09724998	-5.60368919	-19.45269775	-5.60368919
485	0.0048	-14.95913601	-11.93887424	-7.66630745	-18.64238358	-5.82468367
486	0.00481	-13.48583794	-12.38086319	-15.76945114	-18.34772301	-7.96096706
487	0.00482	-5.97201347	-11.49688435	-18.42138863	-15.10646629	-4.94070435
488	0.00483	-3.68840051	-10.02358532	-14.88547134	-12.23353386	-1.92044199
489	0.00484	-6.19300842	-5.60368919	-15.03280163	-9.50793076	-2.73075628
490	0.00485	-10.90756512	-7.37164736	-17.8320694	-9.36060143	-5.89834881
491	0.00486	-10.98122978	-14.36981678	-16.0641098	-7.81363726	-4.57237959
492	0.00487	-8.55028629	-17.61107445	-11.12855911	-7.4453125	-3.24641085
493	0.00488	-3.98306036	-9.87625599	-8.25562668	-5.1616993	-1.11012757
494	0.00489	2.05746484	-1.55211723	-7.66630745	-2.06777191	1.91013503
495	0.0049	12.37055683	3.53076363	-5.3090291	3.45709872	6.40369654
496	0.00491	20.91568947	6.10903645	2.4994545	6.77202129	8.09799004
497	0.00492	23.42029762	13.47553062	12.95987606	10.45526791	12.95987606
498	0.00493	26.07223511	23.27296829	22.83097839	16.56945801	22.09432793
499	0.00494	37.56396484	36.38532639	29.82914734	27.3982048	34.98569489
500	0.00495	51.78129959	47.95072174	39.6265831	38.74260712	45.8457489
501	0.00496	62.16805649	56.56952286	56.05386734	51.26564407	61.87339783
502	0.00497	69.97653961	66.8089447	76.97470856	65.9249649	78.96366119
503	0.00498	84.56220245	87.80345917	93.10733032	85.29885101	96.79058075
504	0.00499	106.5143509	111.0815811	102.8311005	102.9784317	108.797966
505	0.005	130.8237763	124.9305878	114.0281754	111.0079117	115.796135
506	0.00501	149.7556763	129.8661346	131.4131012	112.1128845	124.4885941
507	0.00502	165.0779724	141.2842102	147.1773987	119.9213715	139.0005951
508	0.00503	175.3910675	158.9637909	155.2805481	132.1497498	149.9029999
509	0.00504	185.4831696	169.5715332	162.3523712	143.936142	158.6691284
510	0.00505	195.9435883	173.6967773	177.8956757	159.0374603	177.3800201
511	0.00506	208.1719666	194.1756287	205.2253723	190.1977234	212.1498718
512	0.00507	225.1148987	230.934433	234.6913452	226.9565277	247.214386
513	0.00508	255.1701965	263.273346	255.1701965	256.6434937	272.8497925
514	0.00509	288.3930969	276.3120422	271.0818176	278.3746643	290.8240356
515	0.0051	306.5883179	296.4041443	288.4667664	302.4631043	308.2089539
516	0.00511	315.2807922	303.3470764	304.0837097	325.6675415	326.5515442
517	0.00512	337.8222656	321.4686585	316.0174561	347.546051	350.3453064
518	0.00513	368.3195496	331.5607605	334.212677	368.7615356	376.3490295
519	0.00514	385.2624817	350.4189758	365.2256165	390.4190369	402.573761
520	0.00515	385.8518066	380.9162598	395.7229004	408.6352661	430.5664368
521	0.00516	393.8076172	409.4245911	405.9623413	432.0397339	461.4320374
522	0.00517	422.6842651	425.1152344	407.2882996	462.6843262	490.161377
523	0.00518	459.3694153	441.542511	427.8408203	500.9164429	526.8464966
524	0.00519	477.7856445	460.4007263	462.9053345	543.3474731	572.2241211
525	0.0052	481.8372192	478.1539917	477.1963196	582.6108398	603.9736939
526	0.00521	493.6236267	495.0232544	475.3547058	605.8153076	608.1726074
527	0.00522	518.0067139	516.3861084	492.1503296	624.157898	612.5186599
528	0.00523	537.6752319	533.918335	529.8667603	658.1911011	645.7416992

	AI	AJ	AK	AL	AM	AN
470	-1.62578213	-1.8109833	-12.07680702	-13.62775898	0.99550092	-2.10640264
471	-1.92044199	2.69416237	-10.23043633	-15.10485649	7.27316332	-3.73120928
472	-1.55211723	-7.49780655	-7.79322624	-3.73120928	9.26724434	-1.22014451
473	-4.42504978	-18.50217819	-5.35601616	3.94969487	7.49472761	2.25103331
474	-4.42504978	-10.59971046	-0.92472512	-0.40774119	5.13137245	1.43862998
475	-2.06777191	4.31896925	6.97774363	-2.10640264	7.93785667	1.58633971
476	1.17348564	2.25103331	7.64243746	4.68824339	9.11953449	-0.48159602
477	-0.15248336	-10.89513016	5.13137245	6.53461456	8.08566652	-1.95869303
478	-0.00515347	-17.24664688	0.3308073	-0.18617664	5.57450151	-0.62930572
479	-1.62578213	-8.67948437	-7.57166147	-5.06059647	1.51248491	4.83595324
480	-2.28876662	6.46075964	-10.52585506	2.17717862	-3.36193514	6.23919535
481	-5.45635891	16.20960045	2.76801729	16.72658348	-3.36193514	4.98366261
482	-6.78232813	12.81227684	15.91418076	23.44737434	-0.03846694	5.79606628
483	-6.04567862	5.13137245	10.22735691	11.33517933	2.32488823	9.11953449
484	-3.24641085	2.98958182	-3.73120928	-9.41803265	0.10924275	9.26724434
485	-3.24641085	8.97182465	-2.03254795	-22.0472126	-3.14037061	6.23919535
486	-4.20405531	14.14166355	10.30121231	-18.3544693	-6.68540335	0.10924275
487	-3.24641085	13.99395466	17.9821167	-3.43579006	-8.01479053	-1.8109833
488	-1.3311224	9.41495323	13.69853497	10.30121231	-8.38406467	2.17717862
489	-2.58342648	7.49472761	8.8241148	12.3691473	-5.79914522	8.97182465
490	-2.95175099	5.13137245	11.03976059	7.56858253	-3.95277381	7.1993084
491	-2.28876662	4.09740448	23.44737434	9.26724434	1.06935585	3.43271089
492	-0.07881841	5.42679167	34.96873093	16.94814873	6.53461456	2.69416237
493	2.4994545	7.05159855	29.35576248	20.86245537	13.10769653	5.57450151
494	6.62469101	-2.69724154	7.27316332	20.86245537	15.17563152	10.8181963
495	10.16060829	-16.43424416	0.40466216	21.3794384	16.35730934	21.45329475
496	13.69652557	-13.77546883	18.57295418	20.34547043	19.31150436	29.94660187
497	17.15877724	7.79014683	33.34392548	20.12390709	27.14011765	32.08839417
498	24.45160675	23.00424576	18.57295418	30.02045631	31.42369843	29.06034279
499	32.40742111	21.30558395	3.3588562	41.91108704	30.6112957	28.24794006
500	44.04648209	17.39127731	18.64681053	37.77521515	28.9126339	32.01453781
501	57.30617142	23.225811	46.19466782	23.66893959	34.52560043	40.21242523
502	76.90104675	30.53744125	51.65992737	26.99240685	39.6954422	43.90516663
503	97.89555359	39.4000206	40.06471634	48.55802536	37.03666687	43.38818359
504	114.1755066	45.01298904	35.11643982	65.98777008	33.63934326	43.75745773
505	118.7427292	42.28036118	39.84315109	67.53871918	41.91108704	48.41031265
506	121.6893311	35.48571396	40.28628159	61.4087677	55.27881622	50.18283081
507	129.9398041	37.92292404	35.55957031	54.1709938	64.58452606	53.72786331
508	142.5365143	43.68360519	34.74716568	51.21679688	67.46486664	59.48854065
509	154.1755676	46.93321609	47.37634659	54.0232811	69.53279877	60.67021942
510	171.7814941	52.1769104	64.36296082	60.67021942	71.97000885	56.82976532
511	200.5844879	66.35704041	75.58889771	77.58297729	77.95225525	66.13547516
512	238.8165894	77.80454254	78.98622131	100.9949646	85.48545074	85.85472107
513	271.9658203	77.80454254	83.71292877	113.4025803	91.61540222	103.2844696
514	295.5385742	76.69672394	92.05853271	110.8176575	94.34803009	110.8915176
515	314.3968201	93.60948181	100.8472595	102.9151917	101.5858078	118.5724182
516	336.7909546	116.9476166	98.26233673	99.37016296	111.3346481	127.4350052
517	356.4595032	122.4867249	87.99651337	100.9211121	119.9018097	133.3433838
518	373.3287659	113.1071625	81.94041443	100.4779816	124.7762299	132.9002533
519	391.892334	117.3907394	94.4957428	102.0289307	132.3094177	130.8323212
520	422.1686096	132.1617127	120.1233749	114.5104065	140.655014	127.730423
521	457.6751099	136.7407074	142.3536835	137.7008209	149.4437408	130.536911
522	491.4873352	134.5989227	146.4895477	159.4141541	160.0049896	141.1719971
523	519.3327026	136.5930023	140.0641785	161.8513641	175.9576416	159.4880066
524	552.8502197	135.2636108	137.3315582	150.5515747	192.0579987	181.4967499
525	591.4506836	132.4571381	150.3300018	148.3359222	202.7669525	205.4257202
526	623.3475952	143.83078	166.1349487	162.6637573	207.9367828	224.7756958
527	643.0897827	170.1231079	168.1290283	178.4687042	214.4360199	236.4447632
528	666.8098755	181.644455	155.7952576	187.8482666	218.4241791	237.1833038

	AO	AP	AQ	AR	AS	AT
470	-3.58349967	13.33369732	0.89816469	-6.14389849	-5.80012894	-9.1718502
471	0.92164612	10.82908916	0.38118073	-4.69515467	-4.35138512	-7.54704332
472	3.65427542	8.91380119	5.99414921	-3.07452607	-3.95850515	-6.34074736
473	1.06935585	8.61914158	10.49929523	-4.05672503	-5.43180418	-6.63616657
474	-0.77701545	9.50312042	9.8346014	-8.23107147	-6.48766804	-3.9773922
475	-0.55545086	9.94511032	6.28956842	-8.72217178	-5.06347942	3.06343675
476	0.3308073	9.35579109	5.4033103	-4.69515514	-4.47415972	4.86057138
477	-3.43579006	9.28212547	7.61895609	-0.47169796	-5.35813904	0.25695229
478	-5.65143538	7.95615673	7.61895609	-1.35567737	-5.21080923	-5.70067215
479	-6.16841936	7.66149712	5.84643936	-5.35813904	-5.11258936	-7.10391426
480	1.06935585	6.99851274	3.26151991	-8.50117683	-5.82468367	-0.6293056
481	9.78422832	7.36683702	1.11972928	-8.15740681	-7.4453125	11.90140057
482	15.02792263	9.72411537	3.48308444	-6.11934376	-9.77803612	17.39127731
483	12.59071255	10.82908916	9.98231125	-4.96525955	-10.31824493	8.89796925
484	9.34109879	14.80699635	21.79908752	-7.64175224	-9.43426609	-3.38655329
485	8.23327637	20.92118645	30.36624908	-11.52143955	-9.23782635	-5.03597879
486	9.56266308	23.27846527	27.78133011	-13.87871742	-10.1709156	2.02946877
487	9.19338894	18.41657829	16.62924767	-11.9634285	-7.76452732	9.51342678
488	6.60846949	12.08139324	7.91437531	-9.53248596	-5.1616993	11.13823318
489	0.40466216	11.1974144	12.34566593	-8.94316673	-4.94070435	9.56266308
490	-4.6174674	13.70202255	22.31607056	-12.03709412	-6.07023382	7.91323853
491	-7.12853241	16.57495499	22.389925	-13.8050518	-4.89159441	12.27067471
492	-5.35601616	19.74254799	10.1300211	-12.4299736	-3.59018064	19.11455727
493	-3.43579006	24.01511383	-0.20965806	-7.37164783	-1.25745749	19.08993912
494	0.55237186	27.10904121	0.0119065	-2.38698673	2.15568471	8.47945881
495	4.68824339	26.81438255	5.69872999	3.53076386	6.67380142	1.7832855
496	6.9038887	28.58234024	11.68097305	9.84139347	9.52217865	8.38098526
497	4.54053354	35.21218491	22.09450722	16.61856842	13.52464008	20.41932678
498	6.60846949	42.65234375	37.67787933	24.05872726	21.03846359	23.86588478
499	13.92009926	47.95621872	46.76202393	34.59281158	31.59710693	22.19184303
500	23.89050484	53.03910065	43.80783081	46.45286942	43.2116127	24.60443497
501	27.73095703	62.83653641	43.43855667	58.26381683	56.81507111	31.02980614
502	30.83285904	78.23251343	56.21544647	71.25339508	73.92989349	36.39659119
503	34.0086174	99.00602722	69.14004517	88.49099731	93.32833099	42.67425537
504	36.37197495	130.3872833	74.53144836	106.8090134	108.6506348	48.70573425
505	34.74716568	166.777771	75.34384918	123.260849	115.1822586	49.88740921
506	39.17845917	194.8441162	77.48564148	137.0116425	119.4302673	45.72692108
507	51.21679688	203.7575684	74.08831787	151.1798554	129.6205902	42.55116272
508	63.18128204	203.4629059	66.85054779	163.2118073	141.5297546	43.21585464
509	67.83413696	205.3045349	70.02630615	172.4690247	152.2602844	49.44428253
510	70.78833008	208.1774597	90.48409271	182.5120087	169.3996582	59.07003021
511	79.65091705	215.1019745	118.2535172	202.5243225	200.977356	73.17630768
512	95.75127411	246.0412445	131.5473938	230.2468872	237.6625061	85.92857361
513	106.09095	311.5293884	130.3657074	257.8712463	267.1530457	91.64001465
514	108.2327423	388.2145691	132.5813599	278.5956421	288.2457581	93.19097137
515	109.2667084	446.1152344	139.9668427	293.8197327	308.3562927	99.12397766
516	119.754097	488.1042481	147.6477509	307.5705261	329.6700134	104.8600388
517	131.1277466	527.3676758	152.8175812	325.1027832	351.4502869	103.8014526
518	139.6949005	563.7581177	161.3108978	344.6976624	372.8131104	98.50852203
519	143.3876495	593.1504517	180.1438751	366.9690247	394.9617004	104.6384735
520	140.4334564	618.8594971	212.9354401	387.4969788	420.5234375	122.2651672
521	128.0258484	663.2058106	256.214386	403.0648499	450.3822937	138.9317322
522	127.8781281	746.8154907	293.4372253	418.3626099	481.4443359	146.8342133
523	153.284195	837.7180786	296.8345337	442.917572	515.6985474	146.1695099
524	188.2175446	889.578186	265.7416382	467.0305786	556.140625	141.0489197
525	199.3696289	918.1601563	236.2735748	479.0625	592.6784058	143.7076874
526	190.8024597	981.4383545	250.0105743	488.0005188	612.4451904	157.5431671
527	187.5528565	1071.972534	290.5568848	508.8477173	626.5888672	172.2402802
528	199.517334	1137.828979	319.0648499	533.8201294	656.9142456	175.095993

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470	-1.5648005
471	1.48786676
472	3.90045834
473	3.60503888
474	1.9309957
475	2.98958182
476	2.98958182
477	0.89702779
478	-0.23541319
479	0.06000626
480	1.31553864
481	3.80198526
482	6.92850733
483	8.01171207
484	6.23919535
485	3.77736712
486	0.9955008
487	-0.21079497
488	0.13386114
489	1.19244719
490	-0.45697761
491	-0.87548858
492	1.29092026
493	5.08213615
494	8.84873295
495	14.16628265
496	18.72066498
497	21.25634766
498	22.36417007
499	24.25977898
500	28.27255821
501	34.15632629
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504	37.92292404
505	41.68952179
506	48.21336746
507	56.50972748
508	63.37823105
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510	66.52936554
511	74.5795517
512	89.03047943
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514	104.4907608
515	109.8083115
516	119.5079193
517	128.1243134
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521	136.0021668
522	143.0183716
523	162.9099426
524	187.257431
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526	207.8383179
527	212.8112183
528	218.374939

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
529								.000230	518.01	170.12	516.39	168.13	492.15	178.47
530								.000240	537.68	181.64	533.92	155.80	529.87	187.85
531								.000250	549.24	175.00	544.16	149.15	555.72	183.27
532								.000260	560.59	169.53	555.13	153.80	562.21	165.91
533								.000270	577.53	174.11	571.19	156.68	565.45	151.07
534								.000280	590.35	172.56	582.91	149.44	574.43	150.63
535								.000290	598.82	163.33	591.08	144.57	586.96	160.30
536								.000300	604.27	160.15	598.15	152.40	587.03	169.16
537								.000310	614.51	174.11	597.86	170.86	570.75	176.40
538								.000320	634.77	184.60	590.64	182.24	559.85	186.96
539								.000330	650.01	175.15	591.52	176.55	563.97	194.42
540								.000340	631.38	158.82	598.23	162.44	574.43	191.69
541								.000350	589.02	159.78	601.54	163.55	587.55	187.41
542								.000360	570.01	178.69	599.77	171.90	600.81	188.37
543								.000370	598.89	199.81	607.14	174.92	605.59	188.14
544								.000380	640.44	210.82	617.75	174.78	609.35	183.20
545								.000390	648.91	211.85	616.72	176.25	614.66	178.91
546								.000400	619.66	207.79	603.16	176.33	611.56	183.86
547								.000410	594.54	209.71	598.30	184.67	600.51	197.01
548								.000420	597.93	214.66	602.80	200.55	596.83	207.49
549								.000430	613.99	206.68	607.58	211.48	600.22	208.82
550								.000440	614.80	180.61	607.29	208.60	601.98	199.89
551								.000450	606.11	164.66	610.53	205.06	603.31	184.89
552								.000460	602.28	173.23	618.12	204.39	610.97	183.42
553								.000470	604.93	193.98	620.40	197.38	622.46	198.11
554								.000480	601.98	207.20	608.91	182.53	631.23	205.57
555								.000490	590.71	212.22	590.64	172.63	622.68	193.24
556								.000500	570.60	212.29	577.16	166.28	594.99	181.79
557								.000510	553.88	211.04	571.19	153.43	567.58	180.83
558								.000520	547.18	200.18	563.97	147.01	559.70	178.54
559								.000530	549.61	185.41	550.12	164.88	562.35	169.16
560								.000540	546.66	176.18	530.60	189.62	559.26	167.10
561								.000550	533.62	182.38	512.11	196.64	539.66	182.97
562								.000560	513.00	196.71	501.36	184.89	508.58	202.18
563								.000570	492.37	204.10	501.51	182.38	479.70	210.96
564								.000580	472.41	194.94	497.53	196.93	455.17	214.58
565								.000590	460.62	179.28	478.96	207.94	433.14	221.82
566								.000600	467.03	170.12	450.53	196.05	426.22	227.73
567								.000610	477.64	173.00	434.84	178.99	441.17	222.49
568								.000620	467.91	176.33	435.58	175.74	455.83	213.11
569								.000630	449.35	177.07	436.98	189.40	445.23	216.21
570								.000640	438.89	180.17	421.65	205.20	416.86	225.81
571								.000650	432.48	191.39	400.00	210.82	394.10	222.78
572								.000660	420.18	191.91	387.47	202.18	391.74	208.75
573								.000670	408.69	169.31	387.47	193.54	398.01	194.94
574								.000680	397.49	152.25	388.80	193.76	402.50	196.12
575								.000690	387.10	178.03	379.22	203.36	402.35	213.85
576								.000700	375.69	223.52	361.84	212.52	393.59	233.64
577								.000710	367.44	243.98	349.17	214.44	373.33	233.56
578								.000720	360.29	232.75	337.67	204.98	356.53	214.88
579								.000730	352.56	217.61	322.79	192.43	342.98	192.57
580								.000740	347.40	208.53	310.27	189.55	321.17	180.46
581								.000750	348.28	204.91	308.06	197.15	292.74	185.85
582								.000760	335.98	204.39	311.23	203.36	277.27	201.29
583								.000770	312.33	211.04	315.28	206.98	277.86	205.87
584								.000780	290.68	214.14	320.29	206.16	275.80	199.15
585								.000790	277.93	208.53	316.53	195.68	258.56	197.82
586								.000800	267.69	193.90	288.47	177.07	244.93	203.65
587								.000810	257.16	172.93	251.34	167.76	245.45	202.32

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
529	624.16	214.44	612.52	236.44	643.09	187.55	.000230	1071.97	290.56	508.85	172.24	626.59	212.81	
530	658.19	218.42	645.74	237.18	666.81	199.52	.000240	1137.83	319.06	533.82	175.10	656.91	218.37	
531	704.89	216.06	703.42	226.33	700.70	210.08	.000250	1172.23	335.53	549.71	169.14	703.00	217.49	
532	740.70	210.74	756.75	208.01	751.82	211.19	.000260	1220.63	365.08	559.31	163.08	749.76	209.98	
533	765.15	210.00	781.58	197.89	802.80	203.87	.000270	1304.83	392.70	571.39	160.62	783.18	203.92	
534	789.68	207.35	777.31	201.73	827.77	201.66	.000280	1403.69	386.35	582.56	157.54	798.25	203.58	
535	799.19	205.13	771.41	218.65	821.29	212.66	.000290	1481.11	351.19	592.29	156.07	797.30	212.15	
536	782.32	213.33	780.11	237.33	811.93	234.67	.000300	1514.70	309.98	596.48	160.67	791.45	228.44	
537	783.86	238.07	805.45	256.75	820.03	256.61	.000310	1515.07	277.56	594.37	173.79	803.11	250.48	
538	821.95	261.56	830.79	271.90	841.62	275.07	.000320	1513.52	276.01	595.08	164.60	831.45	269.51	
539	854.58	274.33	844.78	277.43	861.21	282.97	.000330	1513.15	311.83	601.84	182.04	853.53	278.25	
540	846.70	279.80	844.27	268.05	874.32	281.13	.000340	1505.64	359.69	601.35	170.98	855.10	276.33	
541	831.01	284.45	845.08	252.47	880.73	276.77	.000350	1486.19	385.46	592.70	170.25	852.27	271.23	
542	845.30	282.01	858.12	240.43	888.54	272.19	.000360	1454.29	380.88	590.20	179.65	863.99	264.88	
543	883.46	276.33	879.48	244.20	898.63	266.13	.000370	1424.31	358.28	603.88	187.63	887.19	262.22	
544	907.47	277.51	886.77	260.15	907.25	272.78	.000380	1418.57	327.71	622.51	189.60	900.50	270.15	
545	906.81	287.70	884.12	275.14	905.78	288.59	.000390	1424.09	308.36	626.76	189.01	898.90	283.81	
546	899.00	291.39	884.12	271.90	902.83	291.69	.000400	1400.37	320.39	611.46	189.33	895.32	284.99	
547	897.82	279.35	884.71	255.57	901.21	270.79	.000410	1344.31	344.25	597.79	197.13	894.58	268.57	
548	889.87	258.90	875.28	239.55	897.68	249.22	.000420	1307.70	342.55	599.19	207.57	887.61	249.22	
549	869.54	247.67	865.41	229.43	881.17	239.25	.000430	1297.61	302.00	607.26	209.00	872.04	238.78	
550	850.82	245.38	858.93	216.80	857.16	234.08	.000440	1262.03	259.09	608.03	196.37	855.64	232.09	
551	845.37	239.10	852.15	201.29	838.45	220.34	.000450	1168.99	229.11	606.65	184.87	845.32	220.25	
552	836.39	221.75	836.09	193.17	832.48	204.39	.000460	1074.62	184.80	610.46	187.01	834.99	206.44	
553	806.77	203.06	814.21	197.67	821.73	193.39	.000470	1035.51	110.42	615.93	196.49	814.24	198.04	
554	760.59	188.22	789.09	202.18	792.78	189.18	.000480	1028.29	66.04	614.04	198.43	780.82	193.19	
555	732.52	175.51	756.68	194.57	755.28	180.32	.000490	999.19	106.73	601.35	192.70	748.16	183.47	
556	731.05	163.18	715.87	174.04	727.44	164.21	.000500	946.15	181.10	580.92	186.79	724.78	167.14	
557	723.38	159.93	685.67	162.00	703.94	148.78	.000510	908.14	188.05	564.22	181.77	704.33	156.90	
558	682.50	164.66	669.39	169.98	678.30	144.94	.000520	898.93	114.86	556.95	175.24	676.73	159.86	
559	630.79	173.52	653.77	184.67	647.07	147.52	.000530	894.96	53.63	554.03	173.15	643.88	168.57	
560	587.33	183.71	617.97	187.85	613.99	153.88	.000540	862.84	62.57	545.51	177.63	606.43	175.15	
561	555.94	196.71	571.93	189.84	580.77	165.77	.000550	799.78	84.43	528.47	187.33	569.55	184.11	
562	530.97	205.72	537.16	198.85	554.69	177.80	.000560	754.48	56.88	507.64	194.59	540.94	194.13	
563	514.03	210.37	517.12	207.35	530.09	179.06	.000570	751.38	22.98	491.19	199.15	520.41	198.93	
564	495.61	210.82	493.70	203.65	493.55	176.92	.000580	766.12	72.09	475.04	202.15	494.29	197.13	
565	471.60	213.40	487.03	196.64	446.04	179.72	.000590	777.31	166.78	457.58	203.01	461.55	196.59	
566	450.01	215.91	438.45	195.68	420.99	188.44	.000600	778.27	193.29	447.93	197.97	436.48	200.01	
567	443.24	215.62	408.47	206.31	427.77	195.31	.000610	754.18	151.93	451.22	191.49	426.49	205.75	
568	441.10	209.27	379.96	222.41	427.25	197.97	.000620	703.13	127.63	453.11	188.39	416.10	209.88	
569	436.68	213.03	364.86	233.34	380.84	195.23	.000630	645.31	137.46	443.85	194.22	394.13	213.87	
570	424.01	227.36	354.54	225.22	318.96	191.76	.000640	610.31	162.71	425.80	203.73	365.84	214.78	
571	399.85	235.71	337.67	209.12	281.39	186.37	.000650	592.05	190.41	408.86	208.33	339.64	210.40	
572	360.44	228.17	310.05	205.28	269.17	192.21	.000660	580.19	203.85	399.80	200.95	313.22	208.55	
573	320.07	215.47	283.60	217.24	253.25	212.89	.000670	580.33	188.19	398.06	185.93	285.64	215.20	
574	306.66	207.20	261.87	225.29	233.00	232.38	.000680	588.44	157.84	396.26	180.71	267.18	221.62	
575	321.32	204.61	241.91	221.08	222.76	232.60	.000690	584.16	137.31	389.56	198.41	262.00	219.43	
576	327.36	204.54	221.06	216.65	231.60	232.46	.000700	568.10	147.72	377.04	223.22	260.01	217.88	
577	302.46	214.66	204.12	224.70	241.69	249.81	.000710	556.02	207.54	363.31	230.66	249.42	229.72	
578	265.04	236.59	193.59	234.23	241.91	271.97	.000720	551.97	304.52	351.50	217.54	233.51	247.60	
579	245.30	250.92	195.21	231.50	234.18	272.34	.000730	539.67	370.02	339.44	200.87	224.89	251.59	
580	231.82	238.66	201.03	217.69	224.60	250.48	.000740	516.61	354.74	326.28	192.85	219.15	235.61	
581	204.64	215.47	197.42	209.64	210.23	220.05	.000750	498.34	263.38	316.36	195.97	204.10	215.05	
582	166.04	201.81	177.90	205.94	195.50	200.55	.000760	503.28	167.59	308.16	203.01	179.81	202.77	
583	137.38	203.58	167.07	206.90	185.48	202.32	.000770	511.09	138.56	301.82	207.96	163.31	204.27	
584	128.98	206.09	175.98	215.62	188.72	219.61	.000780	493.11	159.98	295.59	206.48	164.56	213.77	
585	139.00	202.47	188.06	224.92	206.40	225.07	.000790	460.33	160.13	284.34	200.67	177.82	217.49	
586	152.70	191.54	187.62	216.43	225.70	204.83	.000800	438.01	112.20	267.03	191.54	188.68	204.27	
587	163.09	180.91	189.09	198.04	225.34	174.55	.000810	419.74	49.27	251.32	181.00	192.51	184.50	

	AC	AD	AE	AF	AG	AH
529	0.00524	549.2406616	544.1577759	555.7231445	704.6946533	703.4213667
530	0.00525	560.585022	555.1338501	562.2056885	740.6958008	756.7547607
531	0.00526	577.5279541	571.1928101	565.4469605	765.1525879	781.579895
532	0.00527	590.3457031	582.9055176	574.434082	789.6829834	777.307312
533	0.00528	598.8171387	591.0823364	586.9570923	799.185791	771.4141235
534	0.00529	604.2683716	598.1541748	587.0307617	782.3165283	780.1065674
535	0.0053	614.5078125	597.8594971	570.7507935	783.8634644	805.4473267
536	0.00531	634.765625	590.6403198	559.8483887	821.0482422	830.7880249
537	0.00532	650.0142822	591.524292	563.9736328	854.5618481	844.7843628
538	0.00533	631.3770752	598.2278442	574.434082	846.699707	844.2687378
539	0.00534	589.0197144	601.5427246	587.5463867	831.0090332	845.0790405
540	0.00535	570.0141602	599.7747803	600.8060913	845.3000488	858.1177368
541	0.00536	598.8908081	607.1412964	605.5942993	883.4584961	879.4805908
542	0.00537	640.4378662	617.7490234	609.3512573	907.4732666	886.7733765
543	0.00538	648.9093018	616.7177124	614.6550903	906.8102417	884.12146
544	0.00539	619.6643066	603.1633911	611.5611572	899.00177	884.12146
545	0.0054	594.5445557	598.3015137	600.5114746	897.8231201	884.7108154
546	0.00541	597.9331665	602.795044	596.828186	889.8673096	875.2816773
547	0.00542	613.9921265	607.583252	600.2167969	869.5358276	865.4105835
548	0.00543	614.8024292	607.2686353	601.9847412	850.6248901	858.9280396
549	0.00544	606.1099854	610.5298462	603.31073	845.3737183	852.1508789
550	0.00545	602.279419	618.1173706	610.9718628	836.3865967	836.091919
551	0.00546	604.9313355	620.401001	622.4636231	806.7732544	814.2134399
552	0.00547	601.9847412	608.9092407	631.2297363	760.5853882	789.093689
553	0.00548	590.7139893	590.6403198	622.6845703	732.519043	756.6810913
554	0.00549	570.6034546	577.159668	594.9865723	731.0457153	715.8707275
555	0.0055	553.8815308	571.1928101	567.5831909	723.3845825	685.6680908
556	0.00551	547.1780396	563.9736328	559.7010498	682.5005493	669.3881836
557	0.00552	549.6089478	550.1246338	562.3530273	630.7877197	653.7711792
558	0.00553	546.6623535	530.6033936	559.2590942	587.3254395	617.9700317
559	0.00554	533.6236572	512.1135254	539.6641846	555.9441528	571.9294434
560	0.00555	512.9974976	501.358429	508.5776062	530.9717407	537.1596069
561	0.00556	492.3713074	501.5057678	479.7009277	514.0288086	517.1227417
562	0.00557	472.4081116	497.5278626	455.1705017	495.6125794	493.6972656
563	0.00558	460.6217346	478.9642944	433.1446838	471.5978088	467.0305786
564	0.00559	467.0305786	450.5296326	426.2201843	450.0139771	438.4485779
565	0.0056	477.6383362	434.8389893	441.1741638	443.2367859	408.4669495
566	0.00561	467.9145508	435.5756531	455.8334961	441.1005249	379.9586182
567	0.00562	449.3509827	436.9752808	445.2257385	436.680603	364.8572998
568	0.00563	438.890564	421.6529541	416.8647461	424.0102539	354.54422
569	0.00564	432.48172	399.9954834	394.1022949	399.8481445	337.6749268
570	0.00565	420.179657	387.4724426	391.7449951	360.4374085	310.0505676
571	0.00566	408.6879273	387.4724426	398.0065308	320.0690002	283.6046584
572	0.00567	397.4908752	388.7984009	402.5000916	306.6619873	261.8737183
573	0.00568	387.104126	379.2219544	402.3527527	321.3213196	241.9105072
574	0.00569	375.6860352	361.8370361	393.5866394	327.3618469	221.0633392
575	0.0057	367.4355774	349.1666565	373.3287659	302.4631043	204.1203919
576	0.00571	360.2900696	337.6749268	356.5331726	265.0412903	193.5863037
577	0.00572	352.5552673	322.7846167	342.9788208	245.2991028	195.2069397
578	0.00573	347.3987122	310.2716759	321.1739807	231.8184204	201.026474
579	0.00574	348.2826843	308.061615	292.7393189	204.6360474	197.4168854
580	0.00575	335.9806519	311.2292175	277.2696838	166.0356293	177.8956757
581	0.00576	312.334198	315.2807922	277.8590088	137.3799591	167.0669251
582	0.00577	290.6766968	320.2900085	275.7963867	128.9821625	175.9803925
583	0.00578	277.9326782	316.5331116	258.5587769	139.0005951	188.0614471
584	0.00579	267.6932373	288.4667664	244.9307709	152.7022705	187.6194458
585	0.0058	257.1591492	251.3396301	245.4464264	163.0890198	189.0927429
586	0.00581	246.3304138	229.0191498	245.3727722	165.0043182	197.7115479
587	0.00582	243.3101502	227.0301971	236.0173187	162.8680267	202.057785

	AI	AJ	AK	AL	AM	AN
529	700.6957398	174.9975281	149.1483307	183.2692719	216.0608215	226.3266449
530	751.8192139	169.5322723	153.801178	165.9133759	210.7432709	208.0106354
531	802.7953491	174.1112671	156.6815186	151.0685577	210.0047302	197.8925324
532	827.7677612	172.560318	149.4437408	150.6254273	207.3459473	201.7329865
533	821.2852783	163.3284607	144.5693207	160.300415	205.1303101	218.6457367
534	811.9298096	160.1526947	152.397934	169.1629944	213.328186	237.3310242
535	820.032959	174.1112671	170.8616486	176.4007721	238.0695648	256.7548523
536	841.6168213	184.5986481	182.2353058	186.9620056	261.5554199	271.8950806
537	861.2116699	175.1452332	176.5484772	194.4213562	274.3323059	277.4342041
538	874.3240356	158.8233185	162.4421997	191.6887207	279.7975464	268.0546265
539	880.7329102	159.783432	163.5500183	187.4051361	284.4504089	252.4712677
540	888.5413818	178.6902618	171.8956146	188.3652496	282.0132141	240.4329224
541	898.6334839	199.8127594	174.9236755	188.143692	276.3263855	244.1995239
542	907.2522583	210.8171234	174.7759552	183.1954193	277.5080566	260.1521606
543	905.7789307	211.8510895	176.2530518	178.9118347	287.7000122	275.1447144
544	902.8323364	207.7890778	176.3269043	183.8601074	291.3927612	271.8950806
545	901.211731	209.7093048	184.6725159	197.0062714	279.3544312	255.5731659
546	897.6758423	214.6575775	200.5513001	207.4936523	258.896637	239.5466614
547	881.1748657	206.6812592	211.4818268	208.8230438	247.6707001	229.4285431
548	857.1600952	180.6104889	208.6014862	199.8866119	245.3811951	216.7993622
549	838.4492188	164.6578522	205.0564423	184.8940735	239.1035309	201.289856
550	832.4823608	173.2250061	204.3917542	183.4169769	221.7476502	193.1658173
551	821.7272339	193.9782257	197.3755493	198.11409	203.0623627	197.6709595
552	792.7769165	207.1982422	182.5307159	205.5734253	188.2175446	202.1761017
553	755.2814941	212.2203674	172.6341705	193.2396698	175.5145111	194.5690613
554	727.4361572	212.29422	166.2826538	181.7921753	163.1807556	174.0374146
555	703.9370117	211.0386963	153.4319153	180.8320618	159.9311371	161.9990692
556	678.3016357	200.1820221	147.0065308	178.5425568	164.6578522	169.9753876
557	647.067688	185.4110565	164.8794098	169.1629944	173.5204315	184.6725159
558	613.9921265	176.1791992	189.6207866	167.0950623	183.7124023	187.8482666
559	580.7692261	182.3830109	196.6369934	182.9738464	196.710846	189.8423462
560	554.6918335	196.710846	184.8940735	202.1761017	205.7211456	198.8526459
561	530.0877686	204.0963287	182.3830109	210.9648285	210.3739929	207.3459473
562	493.5499573	194.9383392	196.9324188	214.583725	210.8171234	203.6532135
563	446.0360718	179.2811127	207.9367828	221.8215027	213.4020386	196.6369934
564	420.9899902	170.1231079	196.0461578	227.7298889	215.9131165	195.6768799
565	427.7671509	173.0034485	178.9856873	222.4861908	215.617691	206.3119812
566	427.2514954	176.3269043	175.7360687	213.1066284	209.2661743	222.4123383
567	380.8425903	177.0654602	189.3992157	216.2085266	213.0327759	233.3428497
568	318.9640503	180.1673584	205.2041626	225.8096619	227.360611	225.2188263
569	281.394928	191.3932953	210.8171234	222.7816162	235.7062073	209.1184692
570	269.1665344	191.9102783	202.1761017	208.7491913	228.1730194	205.2780151
571	253.2549133	169.3106995	193.5350952	194.9383392	215.469986	217.2424927
572	232.9970551	152.2502289	193.7566528	196.1200104	207.1982422	225.2926788
573	222.7576294	178.0255737	203.3577881	213.8451691	204.6133118	221.0829468
574	231.5974274	223.5201569	212.5157929	233.6382752	204.5394592	216.6516571
575	241.6895142	243.9779511	214.4360199	233.5644226	214.6575775	224.7018433
576	241.9105072	232.7520142	204.9825897	214.8791504	236.5924683	234.2291107
577	234.1756897	217.6117706	192.4272614	192.5749817	250.9203033	231.4964905
578	224.5992584	208.5276184	189.546936	180.4627838	238.6604004	217.6856232
579	210.2345886	204.9087372	197.1539764	185.854187	215.469986	209.6354523
580	195.5016022	204.3917542	203.3577881	201.289856	201.806839	205.9427033
581	185.4831696	211.0386963	206.9766693	205.8688507	203.5793457	206.9028168
582	188.7244263	214.1405945	206.1642761	199.148056	206.0904083	215.617691
583	206.404007	208.5276184	195.6768799	197.8186798	202.4715271	224.9234009
584	225.7042236	193.9043732	177.0654602	203.6532135	191.5410156	216.4300995
585	225.335907	172.929596	167.7597504	202.323822	180.9059143	198.0402374
586	210.3082581	155.5737	171.0093689	193.5350952	168.2767334	183.1215515
587	199.4795075	163.6977387	171.4524994	184.6725159	157.7893524	174.8498077

	AO	AP	AQ	AR	AS	AT
529	210.0785828	1172.230591	335.5344849	549.7072144	703.0039063	169.138382
530	211.1864014	1220.628418	365.076416	559.3081665	749.7565918	163.0822754
531	203.8747711	1304.827393	392.6981506	571.3892212	783.1759644	160.6204529
532	201.6591187	1403.685791	386.3466187	582.5617676	798.2526856	157.5431671
533	212.6634979	1481.107666	351.1917114	592.2855225	797.295044	156.0660706
534	234.6722412	1514.698853	309.9807129	596.484436	791.4509888	160.5712128
535	256.6071472	1515.067139	277.5584412	594.3726807	803.114563	173.7912293
536	275.0708313	1513.520264	276.0074768	595.0847778	831.4510498	184.5986481
537	282.9733276	1513.151855	311.8270874	601.8374023	853.5259399	182.0383606
538	281.1269531	1505.638062	359.6850281	601.3463135	855.0974731	170.9847412
539	276.7695007	1486.190552	385.4603577	592.7029419	852.2736816	170.2462006
540	272.1904907	1454.293579	380.8813477	590.1983643	863.9863892	179.6503754
541	266.1343994	1424.312012	358.2817688	603.8754883	887.1908569	187.626709
542	272.7813416	1418.566162	327.7058716	622.5126953	900.4996338	189.5961609
543	288.5862732	1424.090942	308.355896	626.7606812	898.9035645	189.0053253
544	291.6881714	1400.37085	320.3942261	611.4629517	895.3185425	189.3253632
545	270.787262	1344.31189	344.2493591	597.7858276	894.5819092	197.129364
546	249.2216492	1307.700317	342.5506897	599.1854858	887.6082764	207.5675049
547	239.251236	1297.608276	302.0043945	607.2640381	872.0404053	208.9953766
548	234.0814056	1262.028076	259.0947266	608.0252686	855.6376953	196.3661957
549	220.3444061	1168.989258	229.1096497	606.6502075	845.324585	184.8694611
550	204.3917542	1074.624512	184.7967377	610.4562378	834.9869385	187.0112457
551	193.3873749	1035.508423	110.4249039	615.9320068	814.2379761	196.4892883
552	189.1776581	1028.289307	66.03813934	614.0412598	780.8186646	198.4341278
553	180.3150787	999.1915894	106.7321625	601.3463135	748.1605225	192.6980743
554	164.2147217	946.152832	181.1039887	580.9165649	724.7841797	186.7896881
555	148.7790527	908.1417236	188.0463562	564.2191773	704.329895	181.7675629
556	144.9385986	898.9335938	114.8561935	556.9509277	676.7301025	175.2436981
557	147.5235138	894.9556885	53.6305275	554.0288696	643.8755493	173.1511536
558	153.8750305	862.8377686	62.5669632	545.5083008	606.4291992	177.6316834
559	165.7656708	799.7805786	84.4280014	528.4671021	569.5476074	187.3312836
560	177.8040161	754.4766846	56.8801384	507.6445007	540.94104	194.5936737
561	179.0595398	751.3827515	22.98076439	491.1926575	520.4130859	199.148056
562	176.9177551	766.1157227	72.09423828	475.0354919	494.2865906	202.1514893
563	179.7242279	777.3128052	166.7761536	457.5769043	461.5548096	203.0131378
564	188.4391022	778.2704468	193.2900391	447.9267883	436.4841919	197.9663849
565	195.3076019	754.1820068	151.9313355	451.2171631	426.4902954	191.4917755
566	197.9663849	703.1322022	127.6330872	453.1079102	416.1035461	188.3898621
567	195.2337494	645.3052368	137.45578	443.8506775	394.1268311	194.2243958
568	191.7625732	610.3143921	162.7141419	425.8027649	365.8395081	203.727066
569	186.37117	592.0454712	190.4097138	408.8598328	339.6393433	208.3306732
570	192.2057037	580.1854248	203.8512878	399.7990418	313.2181702	200.9451904
571	212.8850555	580.3327637	188.1940613	398.0556335	285.6429138	185.9280396
572	232.3827362	588.4359131	157.8397217	396.2631226	267.1775818	180.7089691
573	232.6043091	584.1633301	137.308075	389.5596008	261.9964905	198.4095154
574	232.456604	568.1043701	147.7216034	377.0365601	260.0075378	223.2247467
575	249.8124847	556.0233154	207.5440369	363.3103333	249.4243317	230.6594696
576	271.9689331	551.9717407	304.5154419	351.4993897	233.5126953	217.5379181
577	272.3382263	539.6696777	370.0246887	339.4429016	224.8939056	200.8713379
578	250.4771729	516.6125488	354.7367554	326.2814331	219.148056	192.8457794
579	220.0489807	498.3436585	263.3782959	316.3612061	204.0958405	195.9723053
580	200.5513001	503.2792053	167.588562	308.1598511	179.8109741	203.0131378
581	202.323822	511.0877075	138.5635986	301.8246765	163.3100128	207.9614105
582	219.6058502	493.1134644	159.9815064	295.5877075	164.5623322	206.484314
583	225.071106	460.3325501	160.1292114	284.3415222	177.8220215	200.6743927
584	204.8348846	438.012085	112.1974182	267.0302734	188.6753082	191.5410156
585	174.5543976	419.7431641	49.27309036	251.3150635	192.5058899	181.0043945
586	159.783432	394.770752	26.378088	240.2407837	191.0080414	173.3727264
587	157.2723541	370.9769898	55.3291893	235.4525604	188.1351013	173.2742462

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530	209.9801025
531	203.9240112
532	203.5793457
533	212.1465149
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535	250.4771881
536	269.5071106
537	278.2466126
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539	271.2304077
540	264.8788757
541	262.2200928
542	270.1471863
543	283.8103333
544	284.9920044
545	268.5716248
546	249.2216492
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578	235.6077271
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580	202.7669525
581	204.2686615
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583	217.488678
584	204.2686615
585	184.5001831
586	170.3939056
587	163.303833

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
588								.000820	246.33	155.57	229.02	171.01	245.37	193.54
589								.000830	243.31	163.70	227.03	171.45	236.02	184.67
590								.000840	243.75	192.43	232.26	161.33	227.25	180.32
591								.000850	234.54	211.19	236.68	161.26	227.84	182.16
592								.000860	215.69	192.35	229.53	174.11	237.34	192.87
593								.000870	209.72	154.02	215.02	180.61	243.24	205.72
594								.000880	211.19	135.56	205.23	169.31	234.10	209.86
595								.000890	203.31	149.59	206.40	152.10	217.16	200.99
596								.000900	191.82	161.11	210.53	143.24	211.04	185.56
597								.000910	196.46	153.73	213.03	148.11	217.53	170.34
598								.000920	204.64	138.07	212.37	151.88	219.88	163.77
599								.000930	200.95	128.17	206.63	139.69	205.74	163.70
600								.000940	189.02	128.69	194.76	124.48	186.07	164.81
601								.000950	182.98	144.86	178.19	126.40	172.52	161.48
602								.000960	176.94	149.30	155.35	121.75	167.36	152.99
603								.000970	159.85	124.55	129.13	82.09	157.20	133.12
604								.000980	124.93	88.88	100.84	26.70	131.41	98.04
605								.000990	92.81	71.60	71.67	-4.91	95.02	52.55
606								.001000	75.87	58.53	48.25	.26	65.78	23.74
607								.001010	78.45	52.40	41.17	37.04	50.31	38.00
608								.001020	95.91	79.13	59.37	85.19	57.82	88.44
609								.001030	121.84	133.93	104.30	129.50	93.18	142.87
610								.001040	134.43	158.45	146.81	160.97	132.89	182.38
611								.001050	129.65	141.32	155.35	175.74	145.11	212.96
612								.001060	126.11	143.54	134.95	179.58	139.07	239.99
613								.001070	138.19	195.16	120.07	193.83	143.79	254.61
614								.001080	160.73	262.37	129.35	223.45	170.46	270.05
615								.001090	189.98	306.90	158.89	256.24	202.21	296.71
616								.001100	220.03	313.77	187.18	273.96	219.88	316.36
617								.001110	239.70	306.02	198.89	277.80	217.45	314.44
618								.001120	240.44	311.48	197.49	285.78	207.95	309.56
619								.001130	229.53	334.38	201.10	309.41	203.16	321.08
620								.001140	217.90	346.93	215.39	327.58	207.95	337.77
621								.001150	214.95	331.72	223.64	312.96	211.12	329.21
622								.001160	213.62	302.99	211.41	274.18	204.27	301.66
623								.001170	205.52	285.34	193.29	246.27	189.17	283.27
624								.001180	187.77	274.41	184.82	248.41	175.91	288.00
625								.001190	176.50	263.48	182.98	271.16	168.39	301.29
626								.001200	173.62	250.11	178.12	281.72	167.44	297.52
627								.001210	168.91	231.42	167.66	255.35	167.66	264.95
628								.001220	149.02	205.94	152.63	213.25	165.96	228.84
629								.001230	124.71	197.67	137.97	191.54	159.92	215.99
630								.001240	109.53	209.86	128.61	190.36	152.11	223.89
631								.001250	105.78	220.79	121.32	187.85	138.56	229.06
632								.001260	97.90	204.83	105.26	178.84	115.80	216.73
633								.001270	79.85	162.00	81.91	170.27	87.29	191.84
634								.001280	62.54	125.81	60.40	164.81	65.48	171.53
635								.001290	57.16	129.50	45.23	160.37	54.51	163.77
636								.001300	54.88	145.75	33.81	152.77	47.95	159.49
637								.001310	50.38	135.04	31.38	145.53	39.04	149.30
638								.001320	45.45	110.01	36.83	139.92	32.63	139.47
639								.001330	41.25	109.34	43.60	136.67	29.46	133.05
640								.001340	27.55	121.60	44.27	134.23	32.11	128.40
641								.001350	10.31	116.36	45.23	133.12	35.21	117.54
642								.001360	10.01	95.83	47.73	128.32	33.88	104.10
643								.001370	29.98	86.74	45.81	117.98	28.50	92.13
644								.001380	42.87	89.18	38.89	106.90	27.99	88.00
645								.001390	42.72	84.97	38.01	99.30	27.18	82.09
646								.001400	40.51	67.32	45.89	92.21	24.23	70.35

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
588	165.00	168.28	197.71	183.12	210.31	159.78	.000820	394.77	26.38	240.24	173.37	191.01	170.39	
589	162.87	157.79	202.06	174.85	199.48	157.27	.000830	370.98	55.33	235.45	173.27	188.14	163.30	
590	161.54	149.96	194.91	165.32	200.44	155.65	.000840	363.76	77.34	234.42	178.03	185.63	156.98	
591	170.53	139.40	190.86	150.48	197.86	138.07	.000850	362.21	49.20	233.02	184.87	186.42	142.65	
592	184.30	121.75	195.35	123.08	191.23	108.60	.000860	369.80	43.44	227.52	186.45	190.30	117.81	
593	189.09	114.66	199.18	93.46	187.25	86.67	.000870	395.43	124.46	222.66	180.12	191.84	98.26	
594	178.93	127.95	183.13	77.21	186.07	86.81	.000880	429.47	253.41	216.84	171.58	182.71	97.33	
595	162.72	145.60	155.28	81.35	173.99	94.50	.000890	458.71	358.80	208.96	167.66	164.00	107.15	
596	144.97	132.16	130.16	77.58	147.10	89.84	.000900	489.43	410.05	204.46	163.30	140.74	99.86	
597	121.98	80.46	103.60	42.95	106.37	81.04	.000910	511.75	406.44	209.01	157.40	112.38	61.48	
598	92.81	23.82	83.31	-6.39	70.71	25.37	.000920	506.82	386.35	212.30	151.24	82.26	14.26	
599	68.13	-11.12	59.68	-31.57	57.75	11.85	.000930	479.12	395.28	204.44	143.86	61.85	-10.28	
600	60.47	-15.47	48.02	-6.91	71.23	35.67	.000940	459.01	436.12	189.95	139.33	59.91	4.76	
601	82.20	37.41	67.62	74.55	93.84	83.93	.000950	461.88	458.43	177.90	144.25	81.22	65.30	
602	127.44	140.43	118.01	177.95	121.10	140.73	.000960	476.02	445.36	166.55	141.34	122.18	153.04	
603	185.04	248.56	185.56	267.32	169.87	223.82	.000970	477.64	431.69	148.72	113.25	180.15	246.56	
604	246.48	337.18	250.09	334.45	246.63	343.61	.000980	468.29	443.07	119.06	71.21	247.73	338.41	
605	284.05	393.90	289.20	387.33	306.15	441.24	.000990	457.53	450.90	86.50	39.74	293.13	407.49	
606	275.80	412.07	288.17	426.47	315.94	473.00	.001000	447.66	425.34	63.30	27.51	293.30	437.18	
607	253.18	420.05	272.11	451.81	300.25	477.95	.001010	436.47	384.57	56.64	42.48	275.18	449.93	
608	251.78	437.99	288.72	455.06	297.60	502.32	.001020	427.18	364.12	71.03	84.25	272.70	465.12	
609	267.91	451.81	279.26	436.81	304.60	523.67	.001030	417.75	361.01	106.44	135.44	283.92	470.76	
610	274.25	434.38	283.09	408.67	303.49	504.76	.001040	410.68	353.78	138.04	167.27	286.94	449.27	
611	261.43	401.07	276.68	394.20	289.87	455.57	.001050	409.28	320.02	143.37	176.67	275.99	416.95	
612	234.99	386.81	285.41	399.81	276.39	428.39	.001060	419.60	273.87	133.38	187.70	258.93	405.01	
613	212.00	394.20	253.25	411.48	263.27	432.31	.001070	421.00	244.77	134.02	214.53	242.84	412.66	
614	198.01	389.18	236.61	400.33	247.80	431.64	.001080	401.33	245.87	153.51	251.95	227.47	407.05	
615	187.91	359.19	222.83	363.33	229.24	400.25	.001090	378.05	253.48	183.69	286.62	213.33	374.26	
616	173.70	318.13	211.93	326.18	216.72	359.56	.001100	376.06	242.33	209.03	301.36	200.78	334.62	
617	156.68	286.37	206.26	310.96	204.05	328.17	.001110	383.35	213.45	218.68	299.42	188.99	308.50	
618	141.65	271.01	200.58	301.29	188.43	308.60	.001120	380.55	184.65	215.29	302.27	176.89	293.63	
619	132.08	256.02	188.87	283.71	169.42	282.53	.001130	373.11	151.86	211.27	321.62	163.46	274.09	
620	124.64	223.15	166.99	266.43	151.74	244.86	.001140	381.66	115.74	213.75	337.43	147.79	244.81	
621	113.07	184.89	147.62	251.07	132.30	207.72	.001150	394.48	89.23	216.57	324.63	131.00	214.56	
622	96.13	165.54	135.02	220.79	114.62	189.47	.001160	398.09	94.10	209.77	292.94	115.26	191.93	
623	84.12	166.43	125.74	187.26	100.92	187.77	.001170	395.14	116.33	195.99	271.62	103.59	180.49	
624	79.26	168.20	110.79	170.86	91.19	185.12	.001180	400.44	129.18	182.83	270.27	93.75	174.73	
625	74.84	161.41	92.52	167.32	79.33	162.00	.001190	409.06	116.55	175.96	278.64	82.23	163.57	
626	68.65	145.31	74.54	152.03	69.90	131.64	.001200	408.18	86.50	173.06	276.45	71.03	142.99	
627	63.13	129.65	65.41	129.21	64.08	114.58	.001210	396.32	53.19	168.07	250.58	64.21	124.48	
628	53.62	121.53	66.00	119.61	60.47	112.81	.001220	384.75	44.55	155.87	216.01	60.03	117.98	
629	43.24	122.56	67.91	126.84	51.56	113.62	.001230	379.23	80.37	140.87	201.73	54.24	121.01	
630	37.49	124.48	60.69	130.17	37.78	115.99	.001240	375.54	130.22	130.09	208.04	45.32	123.55	
631	39.48	123.59	49.20	126.77	25.26	122.71	.001250	367.81	138.93	121.89	212.57	37.98	124.36	
632	37.42	117.61	38.89	125.37	20.47	132.83	.001260	360.44	118.40	106.32	200.13	32.26	125.27	
633	25.04	112.59	33.66	131.72	19.74	130.98	.001270	354.77	115.30	83.02	174.70	26.15	125.10	
634	7.66	114.44	28.06	134.23	21.06	119.16	.001280	360.07	135.54	62.81	154.05	18.93	122.61	
635	2.87	124.63	21.87	132.90	18.12	116.14	.001290	372.08	136.27	52.30	151.22	14.29	124.55	
636	4.86	130.24	17.38	132.97	12.74	127.29	.001300	379.08	108.87	45.54	152.67	11.66	130.17	
637	-1.11	125.66	17.09	136.22	3.97	130.32	.001310	371.86	86.50	40.27	143.29	6.65	130.73	
638	-10.54	118.57	12.15	132.97	1.03	121.60	.001320	361.33	86.27	38.30	129.80	88	124.38	
639	.58	123.30	11.04	127.29	5.67	113.25	.001330	356.91	86.35	38.10	126.35	5.77	121.28	
640	26.51	130.68	17.23	121.67	16.20	114.29	.001340	365.16	79.33	34.64	128.08	19.98	122.22	
641	42.20	122.56	24.08	115.91	24.16	111.85	.001350	376.87	75.12	30.25	122.34	30.15	116.78	
642	41.76	98.34	24.30	103.58	28.28	99.15	.001360	385.49	79.18	30.54	109.41	31.45	100.35	
643	41.76	81.72	26.51	86.15	26.37	81.20	.001370	382.47	78.00	34.76	98.95	31.55	83.02	
644	49.79	88.22	26.37	67.54	26.00	73.96	.001380	376.50	71.72	36.58	94.69	34.05	76.57	
645	60.11	107.57	22.68	59.49	28.36	74.55	.001390	370.90	62.71	35.97	88.78	37.05	80.54	
646	64.82	103.95	22.98	59.41	32.85	71.01	.001400	365.45	55.77	36.88	76.62	40.22	78.12	

	AC	AD	AE	AF	AG	AH
588	0.00583	243.7521362	232.2604065	227.2511902	161.5420685	194.9122772
589	0.00584	234.5440216	236.6802979	227.8405151	170.5291901	190.8607025
590	0.00585	215.685791	229.5348053	237.3432922	184.3045349	195.3542633
591	0.00586	209.7189331	215.0228119	243.2364807	189.0927429	199.184845
592	0.00587	211.1922302	205.2253723	234.1020355	178.9269867	183.125885
593	0.00588	203.3100891	206.404007	217.1590881	162.7207031	155.2805481
594	0.00589	191.8183594	210.5292511	211.0449066	144.967453	130.1607971
595	0.0059	196.4592438	213.0338593	217.52742	121.9836859	108.797966
596	0.00591	204.6360474	212.3708649	219.8846893	92.81267548	83.30989638
597	0.00592	200.9528046	206.625	205.7410278	68.13491821	59.66344633
598	0.00593	189.0190888	194.7649536	186.0724945	60.47376251	48.02438736
599	0.00594	182.9785614	178.1903381	172.5181427	82.20491791	67.6192627
600	0.00595	176.9380341	155.3542023	167.3615875	127.4351959	118.0060806
601	0.00596	159.8477631	129.1294861	157.1958313	185.0411835	185.556839
602	0.00597	124.9305878	100.8421478	131.4131012	246.4777374	250.0873261
603	0.00598	92.81267548	71.6708374	95.02262115	284.0468445	289.2033997
604	0.00599	75.86973572	48.24538422	65.7776413	275.7963867	288.1720866
605	0.006	78.44800568	41.17354965	50.30800247	253.1812439	272.1131287
606	0.00601	95.90660095	59.36878967	57.82182693	251.7816162	268.7245483
607	0.00602	121.8366623	104.3044052	93.18099976	267.9142456	279.2586365
608	0.00603	134.4333649	146.8090668	132.8863983	274.2494202	283.0892029
609	0.00604	129.6451416	155.3542023	145.1147766	261.4317322	276.6803569
610	0.00605	126.1092224	134.9490204	139.0742493	234.9860077	265.4096375
611	0.00606	138.1902771	120.0687027	143.7888184	212.0025482	253.2549133
612	0.00607	160.7317505	129.3504791	170.4555206	198.0062103	236.6066437
613	0.00608	189.9767304	158.8901215	202.2051086	187.9141083	222.8312968
614	0.00609	220.0320282	187.1774597	219.8846893	173.6967773	211.9288788
615	0.0061	239.7005615	198.8901825	217.4537506	156.6801758	206.2566834
616	0.00611	240.4372101	197.4905548	207.9509735	141.6525269	200.5844879
617	0.00612	229.5348053	201.1001282	203.1627502	132.0760803	188.8717499
618	0.00613	217.8957367	215.3911285	207.9509735	124.6359253	166.9932709
619	0.00614	214.9491425	223.6416016	211.1185608	113.0705338	147.6193848
620	0.00615	213.623169	211.4132233	204.2677307	96.12758399	135.0226896
621	0.00616	205.5200348	193.2916565	189.1664124	84.12020874	125.7408981
622	0.00617	187.7667847	184.8201904	175.906723	79.25832367	110.7869186
623	0.00618	176.496048	182.9785614	168.3928986	74.83842468	92.518013
624	0.00619	173.6231079	178.1166687	167.435257	68.65057373	74.54376984
625	0.0062	168.9085541	167.65625	167.65625	63.1257019	65.40931702
626	0.00621	149.0190277	152.6286011	165.9619598	53.6229248	65.99863434
627	0.00622	124.7095947	137.9692841	159.9214325	43.23616791	67.91392517
628	0.00623	109.5346146	128.6138306	152.1129456	37.49030304	60.69475937
629	0.00624	105.7777023	121.3210068	138.5585938	39.47925568	49.20302582
630	0.00625	97.89555359	105.2620468	115.796135	37.41663742	38.88993454
631	0.00626	79.84764099	81.91026306	87.28780365	25.04092598	33.65972519
632	0.00627	62.53638077	60.40009689	65.48297882	7.65600061	28.06118965
633	0.00628	57.15884018	45.22512054	54.5069046	2.86777925	21.87333488
634	0.00629	54.87522888	33.80705261	47.95072174	4.85673285	17.37977219
635	0.0063	50.38166428	31.37611198	39.03726578	-1.11012757	17.08511353
636	0.00631	45.44611359	36.82731628	32.62841415	-10.53923988	12.14956168
637	0.00632	41.24721527	43.60449219	29.46082306	0.58416605	11.04458809
638	0.00633	27.54553413	44.26747513	32.11276245	26.51422501	17.23244266
639	0.00634	10.30793858	45.22512054	35.20668793	42.20485687	24.08328247
640	0.00635	10.01327896	47.7297287	33.88071823	41.76286697	24.30427742
641	0.00636	29.97647667	45.81443787	28.50317955	41.76286697	26.51422501
642	0.00637	42.86784363	38.88993454	27.98752403	49.79234695	26.36689568
643	0.00638	42.72051239	38.00595474	27.17720985	60.10543823	22.68364906
644	0.00639	40.5105629	45.88810349	24.2306118	64.81999207	22.97830772
645	0.0064	41.24721527	51.11831665	23.56762695	64.15701294	32.11276245
646	0.00641	38.15328598	47.2877388	30.19747162	64.30433655	38.30061722

	AI	AJ	AK	AL	AM	AN
588	200.4371491	192.4272614	161.3343811	180.3150787	149.9607239	165.3225403
589	197.8588715	211.1864014	161.2605286	182.161438	139.3994904	150.4777222
590	191.2290344	192.3534088	174.1112671	192.8703919	121.7481766	123.0775681
591	187.2511292	154.0227509	180.6104889	205.7211456	114.6581116	93.4617691
592	186.0724945	135.5590363	169.3106995	209.8570099	127.9519882	77.21370697
593	173.9914398	149.5914612	152.1025238	200.9944305	145.603302	81.34957886
594	147.1037293	161.1128082	143.2399445	185.5587616	132.1617127	77.58297729
595	106.3670197	153.7273254	148.1143646	170.3446655	80.46331787	42.94505692
596	70.71318817	138.0700989	151.8809509	163.7715912	23.81664848	-6.38998413
597	57.74816132	128.1735535	139.6949005	163.6977387	-11.11669445	-31.57448769
598	71.22884369	128.6905365	124.4808044	164.8055573	-15.47413063	-6.90696764
599	93.84397888	144.8647461	126.4010315	161.4820862	37.40594101	74.55493164
600	121.1000061	149.2960358	121.7481766	152.9887848	140.4334564	177.9517212
601	169.8661957	124.5546646	82.08812714	133.1218262	248.5569611	267.3160706
602	246.625061	88.88277435	26.69698906	98.04077148	337.1827698	334.4501343
603	306.1463318	71.60073853	-4.9128871	52.54618454	393.9032898	387.3302002
604	315.9437866	58.52842712	0.25695246	23.74279404	412.0715942	426.4732971
605	300.2531433	52.39847565	37.03666687	37.9967804	420.0479126	451.8055115
606	297.6011963	79.13393402	85.19002533	88.43964386	437.9946289	455.0551148
607	304.5993652	133.9342346	129.502945	142.8706665	451.8055115	436.8129578
608	303.4944153	158.4540405	160.9651032	182.3830109	434.3757629	408.6742554
609	289.866394	141.3197174	175.7360687	212.9589233	401.0672302	394.1987305
610	276.3857117	143.5353546	179.5765228	239.9897919	386.8132324	399.811676
611	263.273346	195.1598969	193.8305054	254.6130524	394.1987305	411.4807434
612	247.8037109	262.3677979	223.4463043	270.0487061	389.1765747	400.3286743
613	229.2401428	306.9022827	256.237854	296.7103272	359.1915283	363.3273926
614	216.7171021	313.7707825	273.9630127	316.3557129	318.1282349	326.1784058
615	204.0467377	306.0160217	277.8034668	314.4354858	286.370636	310.9642944
616	188.4297638	311.4812927	285.7797852	309.5610657	271.0088196	301.2893066
617	169.4242096	334.3762817	309.4133606	321.082428	256.0162964	283.711853
618	151.7446289	346.9316101	327.5816345	337.7736206	223.1508789	266.4298401
619	132.2970734	331.7174988	312.958374	329.2064514	184.8940735	251.0680237
620	114.6174927	302.9879761	274.1846008	301.6585999	165.5440979	220.7875366
621	100.9158173	285.3366699	246.2674561	283.2687378	166.4303589	187.257431
622	91.19204712	274.4061585	248.4092407	287.9954529	168.2028809	170.8616486
623	79.33198547	263.475647	271.1565247	301.2893066	161.4082336	167.3166199
624	69.90287781	250.1079102	281.7177734	297.5227051	145.3078766	152.0286713
625	64.08334351	231.4226227	255.351593	264.9527283	129.65065	129.2075195
626	60.47376251	205.9427033	213.2543335	228.8377075	121.5266113	119.6063843
627	51.56030655	197.6709595	191.5410156	215.986969	122.560585	126.844162
628	37.7849617	209.8570099	190.3593292	223.8894348	124.4808044	130.1676331
629	25.26192093	220.7875366	187.8482666	229.0592804	123.5945511	126.7703095
630	20.47369957	204.8348846	178.8379822	216.7255096	117.6123047	125.3670654
631	19.73705101	161.9990692	170.270813	191.8364258	112.5901794	131.7185822
632	21.0630188	125.8101959	164.8055573	171.5263519	114.4365463	134.2296448
633	18.11642265	129.502945	160.3742676	163.7715912	124.6285172	132.9002533
634	12.73888111	145.7510071	152.7672119	159.4880066	130.2414856	132.9741211
635	3.97275329	135.0420532	145.5294342	149.2960358	125.6624832	136.2237244
636	1.02615571	110.0052567	139.9164734	139.4733429	118.5724182	132.9741211
637	5.66704702	109.3405609	136.6668549	133.0479736	123.2991333	127.2872925
638	16.20113373	121.6004715	134.2296448	128.3951111	130.6846161	121.674324
639	24.15694809	116.3567734	133.1218262	117.5384522	122.560585	115.9136429
640	28.2821846	95.82512665	128.3212585	104.0968704	98.33618927	103.5798874
641	26.36689568	86.74098206	117.9815826	92.13238525	81.71884918	86.15013885
642	25.9985714	89.17819214	106.9033508	87.99651337	88.21807861	67.53871918
643	28.35584831	84.96846771	99.2963028	82.08812714	107.5680466	59.48854065
644	32.84941101	67.31715393	92.20623779	70.34520721	103.9491577	59.41468811
645	32.92307663	52.39847565	80.9803009	58.45457458	65.2492218	56.38663864
646	32.62841415	45.0868454	65.69234467	60.22708893	28.764925	46.41623306

	AO	AP	AQ	AR	AS	AT
588	155.6475525	363.7578125	77.3379364	234.4212494	185.6304932	178.0255737
589	138.0700989	362.210846	49.19923401	233.0216065	186.4162598	184.8694611
590	108.6020126	369.7983398	43.43855667	227.5213013	190.2959442	186.4450226
591	86.66712189	395.4337463	124.4573288	222.6594086	191.8429108	180.1181335
592	86.81483459	429.4669495	253.407898	216.8398743	182.7084503	171.5755768
593	94.4957428	458.7119446	358.7987671	208.9577332	163.9975586	167.5628052
594	89.84288025	489.4302063	410.0540161	204.4641724	140.743988	163.303833
595	61.03949356	511.7507019	406.4351502	209.0068359	112.382988	157.3954468
596	25.36760139	506.8151245	366.3466187	212.2971954	82.27858734	151.2408752
597	11.85216331	479.1171265	395.2830505	204.4396057	61.84884262	143.8553925
598	36.66739273	459.0065918	436.1247864	189.952179	59.90899658	139.3256378
599	83.93449402	461.8795166	458.4289551	177.8956757	81.22271729	144.2492828
600	140.7288818	476.0231934	445.3566589	166.5512695	122.1804276	141.3443298
601	223.8155823	477.6438294	431.693512	148.7243652	180.1547394	113.2548752
602	343.6081543	468.2883606	443.0671387	119.0619431	247.7300415	71.20684814
603	441.2442627	457.5332947	450.895752	86.50204468	293.1322022	39.7446785
604	473.0018311	447.6622009	425.34198	63.29758835	293.3040772	27.50939178
605	477.9501038	436.4651184	384.5740967	56.64318466	275.1824951	42.47730637
606	502.3222046	427.1833496	364.1163025	71.03240967	272.7024536	84.25453186
607	523.6662598	417.7542114	361.0144043	106.4406891	283.9240723	135.4359436
608	504.7594299	410.6824036	353.7766419	138.0429382	286.9443359	167.2673798
609	455.5720825	409.2827454	320.0249634	143.3713684	275.9928284	176.6715698
610	428.3935242	419.5958557	273.8656921	133.3775024	258.927124	187.7005615
611	432.3078308	420.9954834	244.7668762	134.0159302	242.8435974	214.5344849
612	431.6431274	401.3269348	245.8746948	153.5125885	227.4721832	251.9542694
613	400.2548218	378.0488281	253.4817505	183.6906586	213.3285217	286.6168213
614	359.560791	376.0598755	242.3296661	209.0313873	200.7809143	301.3631592
615	328.1724854	383.3526917	213.4524231	218.6815033	188.9945374	299.418335
616	308.6009522	380.5534363	184.6490326	215.2929077	176.8889313	302.2740479
617	282.5301819	373.1132813	151.8574829	211.2658997	163.4573517	321.6240234
618	244.864212	381.6584168	115.7424545	213.7459412	147.791275	337.4289551
619	207.7152252	394.4761047	89.2285614	216.5697632	130.9956665	324.6274414
620	189.4730682	398.0856934	94.10298157	209.7680359	115.255928	292.9437256
621	187.7744141	395.1390991	116.3332901	195.9927063	103.592308	271.6242981
622	185.1156464	400.4429627	129.1840363	182.8312378	93.74576569	270.2702942
623	161.9990692	409.0617676	116.5548554	175.9558411	82.22947693	278.6405029
624	131.6447296	408.1777954	86.49593353	173.0583496	71.03240967	276.4494629
625	114.584259	396.3177185	53.187397	168.0736847	64.20612335	250.5756531
626	112.8117447	384.7523193	44.54637909	155.8698578	60.03177261	216.0115814
627	113.6241455	379.2274475	80.36598206	140.8667755	54.23680115	201.7329865
628	115.9875031	375.54422	130.2180023	130.0871277	45.32334137	208.0352631
629	122.7082901	367.8093872	138.9328766	121.8857651	37.98139954	212.565033
630	132.8264008	360.4429016	118.4012299	106.3179092	32.26008987	200.1327972
631	130.9800415	354.7706909	115.299324	83.0152359	26.14590073	174.7021027
632	119.1632614	360.074585	135.535553	62.80648422	18.92673683	154.0473633
633	116.1352081	372.0819702	136.2741089	52.29695511	14.28584576	151.2162628
634	127.2872925	379.0801392	108.8739548	45.54433441	11.65846252	152.668747
635	130.3153381	371.8609619	86.49593353	40.26501465	6.64924622	143.2891693
636	121.6004715	361.3268738	86.27436829	38.3006134	0.8788259	129.7983551
637	113.2548676	356.9069824	86.34822845	38.10417557	5.7652669	126.351799
638	114.2888413	365.1574402	79.33201599	34.641922	19.98260117	128.0750732
639	111.8516312	376.8701782	75.12228394	30.24658203	30.14836311	122.3390198
640	99.14859772	385.4889832	79.18430328	30.5412426	31.4497757	109.4144211
641	81.20186615	382.4687195	78.00262451	34.76469803	31.54799652	98.95165253
642	73.96408844	376.5018616	71.72496796	36.58176804	34.05260468	94.69268799
643	74.55493164	370.9033203	62.71467209	35.96789169	37.04831314	88.78430176
644	71.00989532	365.4521179	55.77231598	36.8764267	40.21590424	76.62286377
645	58.60228348	359.48526	63.01009369	38.64438629	43.06428528	63.94445038
646	49.14886093	358.6012878	84.2802887	38.54616547	45.07778931	57.00209427

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588	156.976944
589	142.6491089
590	117.8092499
591	98.26233673
592	97.32684326
593	107.1495438
594	99.86252594
595	61.48262405
596	14.26475525
597	-10.27967262
598	4.76209831
599	65.29845428
600	153.0380249
601	246.5628662
602	338.4136963
603	407.4925842
604	437.182251
605	449.9345093
606	465.1239929
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608	449.2698059
609	416.9460144
610	405.006134
611	412.6624451
612	407.049469
613	374.2579041
614	334.622467
615	308.5024719
616	293.6330261
617	274.0861206
618	244.8149719
619	214.5591126
620	191.934906
621	180.4873962
622	174.7267304
623	163.574646
624	142.9937592
625	124.4808121
626	117.9815826
627	121.0096283
628	123.545311
629	124.3577194
630	125.2685928
631	125.0962677
632	122.6098175
633	124.554657
634	130.1676331
635	130.7338562
636	124.3823395
637	121.2804337
638	122.2159271
639	116.7752838
640	100.3548889
641	83.02362061
642	76.57363129
643	80.53717041
644	78.12458038
645	60.07938004
646	41.4433403

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
647								.001410	41.25	52.40	51.12	80.98	23.57	58.45
648								.001420	38.15	45.09	47.29	65.69	30.20	60.23
649								.001430	40.58	39.55	43.90	53.28	39.63	68.79
650								.001440	46.11	26.99	46.40	46.42	44.78	56.39
651								.001450	45.08	13.92	49.20	34.38	39.33	22.04
652								.001460	32.26	6.09	47.88	13.99	30.12	7.49
653								.001470	20.11	7.27	43.90	3.80	24.89	25.00
654								.001480	19.15	5.80	38.30	8.82	26.15	42.50
655								.001490	24.69	-7.05	33.37	12.52	24.30	37.78
656								.001500	23.27	-25.44	30.20	7.20	15.02	24.26
657								.001510	9.79	-26.18	27.69	3.29	3.31	20.94
658								.001520	-4.20	-4.62	21.80	6.90	-.89	26.84
659								.001530	-5.16	13.55	15.39	10.74	-.15	31.57
660								.001540	22	9.12	10.16	1.59	-.30	32.09
661								.001550	-.08	-3.73	4.41	-11.12	-4.79	29.43
662								.001560	-9.80	-9.64	-4.65	-12.00	-9.21	23.89
663								.001570	-18.57	-6.24	-12.53	1.00	-11.79	16.51
664								.001580	-24.46	-4.10	-12.82	12.74	-9.73	16.95
665								.001590	-29.54	-7.13	-5.90	12.81	-9.58	22.12
666								.001600	-37.87	-14.07	-1.04	5.28	-12.60	24.19
667								.001610	-40.52	-15.55	-1.48	.11	-17.17	21.45
668								.001620	-29.99	-11.71	-3.54	-.04	-16.06	21.82
669								.001630	-7.59	-5.58	-2.07	4.10	-10.61	25.66
670								.001640	7.07	-.63	1.32	10.01	-5.75	26.55
671								.001650	11.49	1.59	5.89	12.89	-4.28	25.66
672								.001660	13.11	-4.54	11.63	10.08	-3.47	25.29
673								.001670	20.40	-13.11	14.95	6.02	-.59	14.73
674								.001680	27.25	-18.80	14.06	3.14	3.97	-.92
675								.001690	29.31	-25.30	16.20	3.36	5.81	-.19
676								.001700	21.87	-37.85	21.65	4.64	5.15	18.13
677								.001710	9.42	-36.97	21.51	4.32	.81	24.19
678								.001720	2.65	-15.70	15.32	-.48	-1.92	6.68
679								.001730	8.39	1.88	10.53	-4.03	.14	-19.54
680								.001740	11.63	-6.54	9.72	-1.59	6.48	-33.94
681								.001750	4.41	-21.75	7.36	1.29	7.95	-24.63
682								.001760	-6.93	-21.75	.29	-.70	2.79	.77
683								.001770	-12.38	-9.20	-6.05	-1.96	-4.65	16.36
684								.001780	-17.10	-1.07	-10.24	2.62	-6.27	15.77
685								.001790	-21.44	5.57	-14.37	10.38	-4.13	6.90
686								.001800	-23.14	13.99	-19.75	15.84	-5.01	-.33
687								.001810	-21.74	11.93	-20.63	20.64	-12.09	-5.53
688								.001820	-19.82	-4.40	-17.83	25.81	-15.33	1.44
689								.001830	-17.24	-11.93	-19.23	27.44	-13.71	19.68
690								.001840	-17.61	-2.99	-28.22	24.26	-10.17	32.61
691								.001850	-19.60	8.53	-36.84	20.86	-11.94	32.31
692								.001860	-21.00	13.77	-40.45	22.86	-16.06	32.75
693								.001870	-15.92	21.01	-39.64	23.67	-18.86	38.07
694								.001880	-6.49	27.29	-38.38	19.68	-14.08	43.54
695								.001890	44	29.28	-36.84	21.08	-5.01	44.57
696								.001900	-2.22	34.08	-32.12	30.83	.73	45.01
697								.001910	-7.08	45.01	-24.24	35.85	-.37	45.16
698								.001920	-4.79	49.44	-16.21	27.07	-.82	45.31
699								.001930	3.68	41.54	-7.37	8.82	3.24	42.65
700								.001940	8.83	27.07	3.97	-6.98	11.78	42.13
701								.001950	14.80	15.47	11.63	-10.16	19.59	45.46
702								.001960	26.22	7.42	14.14	-3.88	25.48	48.11
703								.001970	37.78	6.02	19.30	-.56	26.96	42.43
704								.001980	38.01	7.49	30.05	-5.28	30.05	32.46
705								.001990	32.70	2.77	38.15	-14.66	35.35	24.48

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
647	64.16	65.25	32.11	56.39	32.92	58.60	.001410	359.49	63.01	38.64	63.94	43.06	60.08	
648	64.30	28.76	38.30	46.42	32.63	49.15	.001420	358.60	84.28	38.55	57.00	45.08	41.44	
649	64.60	28.62	41.69	43.68	33.14	48.85	.001430	359.34	83.98	41.37	53.88	46.48	40.38	
650	59.37	45.97	44.12	56.02	35.50	56.09	.001440	355.95	47.80	45.77	43.27	46.33	52.69	
651	53.33	53.95	49.42	65.69	39.77	55.94	.001450	349.91	13.68	44.54	23.45	47.51	58.53	
652	49.42	52.47	49.65	46.12	46.11	47.30	.001460	351.01	15.15	36.75	9.19	48.39	48.63	
653	45.74	55.94	44.34	23.89	48.17	43.24	.001470	352.93	25.64	29.63	12.02	46.08	41.02	
654	38.23	57.20	36.24	28.47	46.92	36.89	.001480	351.97	29.63	27.86	19.04	40.46	40.85	
655	30.34	49.59	29.90	50.18	44.05	15.25	.001490	346.37	31.10	27.52	14.41	34.76	38.34	
656	22.98	38.07	23.71	60.60	41.10	10.30	.001500	346.37	40.19	22.83	2.00	29.26	36.32	
657	18.56	36.45	19.00	57.35	39.26	37.78	.001510	350.94	52.67	13.60	-6.65	25.61	43.86	
658	15.17	42.13	15.46	49.52	40.66	63.55	.001520	350.57	65.96	5.57	9.71	23.76	51.73	
659	14.73	47.89	16.35	47.01	36.61	59.19	.001530	344.83	74.31	3.36	18.62	22.56	51.36	
660	12.67	49.89	18.12	48.78	27.10	44.87	.001540	344.16	74.01	3.36	14.26	19.30	47.84	
661	10.01	53.73	19.52	50.33	18.56	38.29	.001550	348.88	72.32	-1.15	4.86	16.03	47.45	
662	12.22	57.57	19.88	46.27	22.09	39.40	.001560	351.97	80.74	-7.89	.75	18.07	47.75	
663	19.52	58.68	22.17	42.21	29.76	36.45	.001570	349.32	93.07	-14.30	3.75	23.81	45.78	
664	22.02	57.49	19.81	40.43	31.08	29.95	.001580	349.91	102.67	-15.67	8.53	24.30	42.63	
665	14.43	57.13	15.10	43.76	22.68	26.18	.001590	353.15	103.19	-15.01	9.27	17.40	42.35	
666	1.84	55.43	12.15	47.82	13.70	31.72	.001600	352.93	102.01	-17.17	5.13	9.23	44.99	
667	-3.84	53.06	12.52	52.25	8.83	40.66	.001610	343.28	101.27	-19.72	2.00	5.84	48.66	
668	-2.23	53.14	11.93	55.43	11.78	47.97	.001620	334.59	91.37	-16.53	3.36	7.83	52.18	
669	6.26	51.51	12.89	58.75	13.92	51.00	.001630	337.90	76.30	-6.76	8.06	11.02	53.75	
670	10.97	44.87	12.67	60.08	13.84	50.33	.001640	353.08	81.70	.88	11.98	12.49	51.76	
671	14.29	43.98	15.54	59.64	14.29	38.37	.001650	365.16	108.73	4.37	13.38	14.70	47.33	
672	18.48	51.14	21.65	53.58	20.11	25.59	.001660	371.86	131.10	7.09	10.28	20.08	43.44	
673	23.49	55.06	30.34	47.15	27.99	31.28	.001670	371.57	124.01	11.58	2.55	27.28	44.50	
674	27.32	48.56	31.45	41.76	37.20	52.55	.001680	367.44	98.02	15.10	-5.53	31.99	47.62	
675	27.99	37.04	23.49	42.95	44.19	58.45	.001690	359.78	75.86	17.11	-7.37	31.89	46.15	
676	27.40	29.73	11.71	47.82	48.76	44.50	.001700	356.24	79.18	16.23	-4.96	29.29	40.68	
677	31.38	30.24	9.57	51.66	51.04	32.01	.001710	355.58	97.43	10.58	-2.82	30.66	37.97	
678	36.39	32.75	16.64	50.18	54.21	36.74	.001720	355.07	105.26	5.35	-3.16	35.75	39.89	
679	36.83	33.12	25.19	51.07	50.46	46.64	.001730	351.90	99.49	6.35	-7.23	37.49	43.61	
680	30.34	33.93	27.99	55.06	43.02	53.58	.001740	348.95	101.86	9.28	-14.02	33.78	47.52	
681	25.92	42.21	26.22	55.20	37.93	52.47	.001750	348.58	113.53	6.58	-15.03	30.03	49.96	
682	25.48	44.64	22.39	42.13	41.54	48.56	.001760	351.46	120.84	-1.28	-7.23	29.80	45.11	
683	26.51	27.29	23.49	28.91	45.23	44.72	.001770	350.87	109.98	-7.69	1.73	31.74	33.64	
684	23.27	.33	24.08	39.10	44.34	44.72	.001780	346.52	84.28	-11.20	5.77	30.57	28.05	
685	16.86	-9.42	21.36	69.83	34.76	44.64	.001790	335.32	65.23	-13.31	7.62	24.33	35.02	
686	13.62	-3.29	19.07	78.84	24.16	46.79	.001800	325.89	78.52	-15.97	9.83	18.95	40.78	
687	14.06	-2.25	25.04	43.24	15.32	45.09	.001810	323.24	103.04	-18.15	9.00	18.14	28.69	
688	9.87	-8.46	33.00	-9.79	13.25	37.33	.001820	325.75	113.08	-17.66	7.62	18.71	6.36	
689	.29	-3.88	37.20	-25.15	18.26	25.81	.001830	326.78	115.08	-16.73	11.73	18.58	-1.07	
690	-5.53	15.18	31.74	7.20	28.58	21.82	.001840	318.97	122.39	-18.67	17.96	18.26	14.73	
691	-3.54	34.89	21.58	47.30	30.71	22.41	.001850	298.86	127.63	-22.79	20.57	16.25	34.87	
692	1.47	44.87	12.67	47.75	25.04	21.01	.001860	279.93	127.56	-25.84	23.13	13.06	37.87	
693	7.95	46.34	9.87	22.41	19.59	18.06	.001870	274.92	126.16	-24.81	27.58	12.47	28.94	
694	19.44	45.90	11.34	18.35	24.82	21.75	.001880	288.32	129.48	-19.65	30.17	18.53	28.67	
695	35.50	42.35	16.94	41.62	29.90	23.15	.001890	301.88	130.22	-13.81	31.65	27.45	35.71	
696	46.55	36.74	21.14	54.91	28.43	14.29	.001900	319.63	147.20	-11.20	36.64	32.04	35.31	
697	49.65	36.30	23.57	50.70	21.87	8.82	.001910	336.94	166.63	-10.56	42.01	31.70	31.94	
698	47.73	40.29	25.48	43.54	19.22	22.12	.001920	335.62	147.50	-7.27	40.61	30.81	35.31	
699	45.96	40.29	35.06	41.91	21.65	36.15	.001930	318.82	101.86	-1.15	31.01	34.22	39.45	
700	45.52	31.50	46.11	39.40	29.90	35.34	.001940	314.48	79.78	8.20	20.74	40.51	35.41	
701	51.71	22.63	55.39	37.18	35.28	27.14	.001950	330.61	85.17	15.34	16.92	47.46	28.99	
702	60.92	21.90	62.46	37.63	36.46	27.58	.001960	351.09	85.76	21.95	17.22	53.28	29.04	
703	66.00	28.17	69.02	39.55	33.73	28.91	.001970	363.98	72.76	28.01	15.96	56.25	32.21	
704	66.59	31.87	70.71	36.45	34.69	20.79	.001980	371.12	60.79	32.70	11.56	57.33	29.70	
705	72.55	32.31	71.16	32.75	34.69	10.52	.001990	372.82	51.19	35.40	4.20	59.47	25.20	

	AC	AD	AE	AF	AG	AH
647	0.00642	40.58422852	43.89915085	39.6265831	64.59899902	41.68920135
648	0.00643	46.10910034	46.403759	44.78313065	59.36878967	44.12014771
649	0.00644	45.07778931	49.20302582	39.33192444	53.32826233	49.42402267
650	0.00645	32.26008987	47.87705994	30.12380791	49.42402267	49.64501572
651	0.00646	20.10537529	43.89915085	24.89359665	45.74077606	44.34114075
652	0.00647	19.14773178	38.30061722	26.14590073	38.2269516	36.23799896
653	0.00648	24.89359665	33.36506653	24.30427742	30.34480286	29.90281296
654	0.00649	23.27296829	30.19747162	15.02249432	22.97830772	23.71495819
655	0.0065	9.79228401	27.69286346	3.30976892	18.55841255	19.00040054
656	0.00651	-4.20405531	21.79966927	-0.88913274	15.1698246	15.46448421
657	0.00652	-5.1616993	15.39081955	-0.15248336	14.7278347	16.34846306
658	0.00653	0.21584135	10.16060829	-0.29981324	12.66521645	18.11642265
659	0.00654	-0.07881841	4.41474295	-4.79337454	10.01327896	19.51605606
660	0.00655	-9.80259037	-4.64604473	-9.21327114	12.22322655	19.88438034
661	0.00656	-18.56871796	-12.52819347	-11.79154396	19.51605606	22.16799355
662	0.00657	-24.46191406	-12.82285309	-9.7289257	22.02066422	19.81071472
663	0.00658	-29.54479408	-5.89834881	-9.58159542	14.43317509	15.09615898
664	0.00659	-37.86893463	-1.03646266	-12.60185814	1.83647001	12.14956188
665	0.0066	-40.52087021	-1.47845232	-17.16908455	-3.83573031	12.51788616
666	0.00661	-29.98678398	-3.5410707	-16.0641098	-0.22614829	11.92856093
667	0.00662	-7.59264231	-2.06777191	-10.61290455	6.25636673	12.8662114
668	0.00663	7.06668091	1.32081544	-5.751019	10.97092247	12.66521645
669	0.00664	11.48657703	5.88804197	-4.27771997	14.2858448	15.53814888
670	0.00665	13.10720634	11.63390732	-3.4674058	18.48474693	21.65233994
671	0.00666	20.40003586	14.94882965	-0.594473	23.49396324	30.34480286
672	0.00667	27.25087547	14.06484985	3.97275329	27.32453918	31.4497757
673	0.00668	29.31349373	16.20113373	5.81437683	27.98752403	23.49396324
674	0.00669	21.87333488	21.65233994	5.15139246	27.3982048	11.70757198
675	0.0067	9.42395878	21.5050087	0.80516088	31.37611198	9.57128906
676	0.00671	2.64678431	15.31715393	-1.92044199	36.36532639	16.64312363
677	0.00672	8.39264965	10.52893353	0.1421764	36.82731628	25.18825722
678	0.00673	11.63390732	9.71861839	6.4773612	30.34480286	27.98752403
679	0.00674	4.41474295	7.36134052	7.95066023	25.92490578	26.21956635
680	0.00675	-6.92965794	0.28950629	2.79411435	25.48291588	22.38898849
681	0.00676	-12.38086319	-6.04567862	-4.64604473	26.51422501	23.49396324
682	0.00677	-17.09541893	-10.24458027	-6.26667356	23.27296829	24.08328247
683	0.00678	-21.44165039	-14.36981678	-4.13039017	16.86411858	21.35767937
684	0.00679	-23.13594437	-19.74735832	-5.01436949	13.62286091	19.07406616
685	0.0068	-21.73631096	-20.63133621	-12.08620358	14.06484985	25.04092598
686	0.00681	-19.82102203	-17.8320694	-15.32746124	9.86594868	32.99673843
687	0.00682	-17.24275017	-19.2317028	-13.70683289	0.26950629	37.19564056
688	0.00683	-17.61107445	-28.21882629	-10.1709156	-5.53002405	31.74443626
689	0.00684	-19.60002708	-36.8376236	-11.93887424	-3.5410707	21.57867432
690	0.00685	-20.9996624	-40.44720459	-16.0641098	1.46814537	12.66521645
691	0.00686	-15.91678047	-39.63689041	-18.86337852	7.95066023	9.86594868
692	0.00687	-6.48766804	-38.38458633	-14.07515717	19.44239044	11.3392477
693	0.00688	0.43683618	-36.8376236	-5.01436949	35.50134659	16.93778229
694	0.00689	-2.21510172	-32.12306595	0.73149592	46.55109024	21.13688442
695	0.0069	-7.07698774	-24.24091911	-0.37347817	49.64501572	23.56762696
696	0.00691	-4.79337454	-16.21144104	-0.81546783	47.7297287	25.48291588
697	0.00692	3.67809367	-7.37164736	3.23610401	45.9617691	35.05935669
698	0.00693	8.83463955	3.97275329	11.78123665	45.51977921	46.10910034
699	0.00694	14.80149937	11.63390732	19.58972168	51.70763397	55.39088058
700	0.00695	26.21956635	14.13851547	25.48291588	60.91575241	62.46271515
701	0.00696	37.7849617	19.29506111	26.9562149	65.99863434	69.01889801
702	0.00697	38.00595474	30.05014229	30.05014229	66.58795166	70.71318817
703	0.00698	32.70207977	38.15328598	35.35401917	72.55480957	71.15518188
704	0.00699	32.77574539	41.32087708	40.21590424	81.32093811	73.95444489
705	0.007	40.14223862	43.82548523	38.88993454	83.75188446	80.58428955

	AI	AJ	AK	AL	AM	AN
647	33.14406967	39.54773331	53.28473282	68.79425049	28.6172142	43.68360519
648	35.50134659	26.99240685	46.41623306	56.38663864	45.97310257	56.0173645
649	39.77391434	13.92009926	34.37789154	22.04413223	53.94942856	65.69234467
650	46.10910034	6.0914855	13.99395466	7.49472761	52.472332	46.12081528
651	48.1717186	7.27316332	3.80198526	24.99832726	55.94350815	23.89050484
652	46.91941452	5.79606628	8.8241148	42.50192642	57.19903946	28.46950531
653	44.04648209	-7.05467749	12.51685715	37.77521515	49.59199142	50.18283081
654	41.09988403	-25.4445343	7.1993084	24.25977898	38.07063675	60.59636307
655	39.25825882	-26.18308258	3.28500128	20.93630981	36.44582748	57.34675217
656	40.65789413	-4.6174674	6.9038887	26.84469795	42.13265228	49.51813507
657	36.60632324	13.55082512	10.7443409	31.57140923	47.89332962	47.00707245
658	27.10354424	9.11953449	1.58633971	32.08839417	49.88740921	48.77958679
659	18.55841255	-3.73120928	-11.11669445	29.42961693	53.72786331	50.3305397
660	22.09432793	-9.63959694	-12.00295258	23.89050484	57.5683136	46.26852417
661	29.75548172	-6.24227428	0.99550092	16.50501823	58.67613602	42.20650482
662	31.08145142	-4.10048342	12.73842144	16.94814873	57.49446106	40.43399048
663	22.68364906	-7.12853241	12.81227684	22.11798859	57.12518692	43.75745773
664	13.69652557	-14.07088852	5.2790823	24.18592262	55.42652512	47.81947327
665	8.83463955	-15.54798508	0.10924275	21.45329475	53.06316757	52.25076675
666	11.78123665	-11.70753288	-0.03846694	21.82256889	53.13702393	55.42652512
667	13.91752052	-5.57758045	4.09740448	25.66302109	51.51221848	58.74999237
668	13.84385586	-0.62930572	10.00579262	26.54927826	44.86528015	60.07938004
669	14.2858448	1.58633971	12.88613129	25.66302109	43.97902298	59.63624954
670	20.10537529	-4.54361248	10.07964706	25.29374695	51.14294434	53.58015442
671	27.98752403	-13.11077499	6.01763058	14.73250294	55.05725098	47.15478134
672	37.19564056	-18.79759789	3.13729167	-0.92472512	48.55802536	41.76337814
673	44.19380951	-25.29682541	3.3588562	-0.18617664	37.03666687	42.94505692
674	48.76103592	-37.85214996	4.83595324	18.12982559	29.72503662	47.81947327
675	51.04465103	-36.96589279	4.31896925	24.18592262	30.24202156	51.65992737
676	54.21224213	-15.69569492	-0.48159602	6.68232441	32.75308609	50.18283081
677	50.4553299	1.88175917	-4.02662897	-19.53614616	33.12236023	51.06908798
678	43.01517105	-6.5376935	-1.58941877	-33.93784332	33.93476486	55.05725098
679	37.93229294	-21.75179291	1.29092038	-24.63213158	42.20650482	55.20495987
680	41.54187393	-21.75179291	-0.70316058	0.77393639	44.6437149	42.13265228
681	45.22512054	-9.19646835	-1.95869303	16.35730934	27.28782654	28.9126339
682	44.34114075	-1.07243478	2.62030768	15.76647091	0.3308073	39.10460281
683	34.76469803	5.57450151	10.37506676	6.9038887	-9.41803265	69.82821655
684	24.15694809	13.99395466	15.84032536	-0.33388633	-3.28808022	78.83850861
685	15.31715393	11.92601871	20.64089012	-5.57758045	-2.25411248	43.2404747
686	13.25453568	-4.39590311	25.81072998	1.43862998	-8.45792007	-9.78730679
687	18.26375198	-11.92909718	27.43553734	19.6807785	-3.87891912	-25.14911461
688	28.57684326	-2.992661	24.25977898	32.6053772	15.17563152	7.1993084
689	30.71312714	8.52869511	20.86245537	32.3099556	34.89487839	47.30249023
690	25.04092598	13.77238941	22.85653687	32.75308609	44.86528015	47.74562073
691	19.58972168	21.01016426	23.66893959	38.07063675	46.34237671	22.41340637
692	24.81993103	27.28782654	19.6807785	43.53589249	45.89925003	18.35139084
693	29.90281296	29.28190804	21.08402061	44.56986237	42.35421753	41.61566925
694	28.42951393	34.08247375	30.83285904	45.01298904	36.74124908	54.90954208
695	21.87333488	45.01298904	35.8549881	45.16070175	36.29811859	50.69981384
696	19.22139549	49.44428253	27.0662632	45.30841064	40.28628159	43.53589249
697	21.65233994	41.5418129	8.8241148	42.64963531	40.28628159	41.91108704
698	29.90281296	27.0662632	-6.98082256	42.13265228	31.49755287	39.4000206
699	35.28035355	15.47105122	-10.15658092	45.45611954	22.63497162	37.18437576
700	36.458992	7.42087269	-3.87891912	48.11489487	21.89642334	37.62750626
701	33.73339081	6.01763058	-0.55545086	42.42807007	28.17408562	39.54773331
702	34.69103241	7.49472761	-5.28216124	32.4576683	31.86682701	36.44582748
703	34.69103241	2.76801729	-14.66172695	24.48134232	32.3099556	32.75308609
704	31.37611198	-10.74742031	-29.4326973	24.11206818	36.1504097	31.34984398
705	27.54553413	-25.4445343	-40.58477783	24.25977898	44.27444077	33.49163437

	AO	AP	AQ	AR	AS	AT
647	48.85344315	359.3379211	83.98487091	41.36998749	46.47742462	53.8755722
648	56.09121704	355.9493408	47.7959938	45.76533127	46.33009338	43.26509094
649	55.94350815	349.9088135	13.6750536	44.53757858	47.50873184	23.44737434
650	47.30249023	351.013794	15.15215015	36.75365448	48.39271164	9.19338894
651	43.2404747	352.9290772	25.63953972	29.6327076	46.08454514	12.02449226
652	36.88895798	351.9714356	29.62770081	27.86474991	40.4614563	19.04070282
653	15.24948692	346.3728943	31.10479736	27.52098083	34.76469803	14.4124651
654	10.30121231	346.3728943	40.18894577	22.83097839	29.26438332	2.0048511
655	37.77521515	350.9401245	52.67041397	13.5983057	25.60569	-0.65392381
656	63.55055618	350.5718079	65.9642868	5.56882715	23.7640686	9.71037292
657	59.19312286	344.8259277	74.30988312	3.35887885	22.56087303	18.62219238
658	44.86528015	344.1629334	74.01446533	3.35887885	19.29506111	14.2647562
659	38.29219818	348.8775024	72.31580353	-0.15248333	16.02924919	4.86057091
660	39.4000206	351.9714356	80.73525238	-7.88730192	18.06731224	0.74931842
661	36.44582748	349.3194885	93.0690155	-14.29615211	23.81317711	3.75274825
662	29.94660187	349.9088135	102.6701431	-15.67123127	24.30427742	8.52869606
663	26.18000412	353.1500549	103.1871338	-15.00824642	17.40432739	9.26724434
664	31.71911812	352.9290772	102.005455	-17.16908455	9.22751904	5.13137197
665	40.65555573	343.2789612	101.2669067	-19.72280312	5.83893204	2.00485086
666	47.96718597	334.5865173	91.3703537	-16.53065491	7.82788515	3.35885644
667	50.99523544	337.9014282	76.30396271	-6.75777292	11.02003288	8.06094837
668	50.3305397	353.076416	81.69536591	0.87882578	12.49333191	11.97525501
669	38.36605453	365.1574402	108.7262421	4.36563301	14.7032795	13.37849712
670	25.58916473	371.8609619	131.1042633	7.09123611	20.08082008	10.27659416
671	31.27598953	371.5663147	124.0141983	11.58479786	27.27543068	2.54645276
672	52.54618454	367.4410706	98.01728821	15.09615993	31.98998451	-5.52834368
673	58.45457458	359.7799072	75.86083984	17.10966873	31.89176559	-7.37471533
674	44.49600601	356.243988	79.18430328	16.22568893	29.28893661	-4.96212387
675	32.01453781	355.5810242	97.42645264	10.57804298	30.66401672	-2.82033372
676	36.74124908	355.0653687	105.2550659	5.3478322	35.74689865	-3.16488876
677	46.63779831	351.8977661	99.49438477	6.3545866	37.49030304	-7.22700548
678	53.58015442	348.9511719	101.8577423	9.27662849	33.78250122	-14.02165222
679	52.472332	348.5828552	113.5268097	6.57558107	30.02558899	-15.03100109
680	48.55802536	351.45578	120.8384399	-1.28201246	29.80459213	-7.22700548
681	44.71757126	350.8664551	109.9817734	-7.69086218	31.74443626	1.73404932
682	44.71757126	346.5202332	84.2802887	-11.20222473	30.56579781	5.77144814
683	44.6437149	335.3231506	65.22573853	-13.31395245	24.32883263	7.61781883
684	46.7855072	325.894043	78.51960754	-15.96589088	18.95129204	9.83346462
685	45.0868454	323.242096	103.0394211	-18.15128326	18.14097595	8.99644279
686	37.33208466	325.7467041	113.0836792	-17.66018486	18.70574188	7.61781883
687	25.81072998	326.7780151	115.0777588	-16.72709465	18.58296585	11.72907257
688	21.82256889	318.9695435	122.389389	-18.66693878	18.26375198	17.95749855
689	22.41340637	298.8590088	127.6330872	-22.79217529	16.25024414	20.56703568
690	21.01016426	279.927124	127.559227	-25.83699226	13.05809593	23.12733841
691	18.05597115	274.9179077	126.1559906	-24.80568314	12.4687767	27.58324623
692	21.74871254	288.3249207	129.4794617	-19.6491375	18.53385544	30.16816521
693	23.15195465	301.8792725	130.2180023	-13.80505276	27.44731331	31.64526367
694	14.2893734	319.6325073	147.2046204	-11.20222378	32.03909683	36.84277267
695	8.8241148	336.9437866	166.6284485	-10.56379509	31.69532585	42.00955963
696	22.11798859	335.6178284	147.5000458	-7.27342796	30.81134605	40.60631943
697	36.1504097	318.8222046	101.8577423	-0.15248322	34.2244873	31.00518799
698	35.33800507	314.4759827	79.77514648	8.19620991	40.5105629	20.73936462
699	27.14011765	330.6086121	85.16654968	15.34170914	47.45962143	16.92353058
700	27.58324623	351.0874634	85.75738525	21.9469986	53.27915192	17.21895027
701	28.9126339	363.9788208	72.75893402	28.01207924	56.25030899	15.96341705
702	20.78860092	371.1243286	60.79444885	32.70207977	57.33072281	11.55674458
703	10.5227766	372.8186035	51.19331741	35.40312958	59.46700668	4.19587755
704	13.32926083	370.6086731	46.02347565	38.10417557	62.21716309	-5.35601664
705	21.01016426	363.0948486	46.31889725	40.9525528	63.96057129	-13.92317772

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650	48.6318779
651	41.02482986
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655	43.85593033
656	51.73377991
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658	47.84409332
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662	42.62501907
663	42.35421753
664	44.9883728
665	48.65649796
666	52.1769104
667	53.75248337
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669	47.32711029
670	43.43741989
671	44.49600601
672	47.62252808
673	46.14543152
674	40.68017197
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700	29.03572464
701	32.211483
702	29.70041847
703	25.19527245
704	26.94317245
705	32.92541504

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
706								.002000	32.78	-10.75	41.32	-29.43	40.22	24.11
707								.002010	40.14	-25.44	43.83	-40.58	38.89	24.26
708								.002020	45.26	-33.27	47.66	-31.13	34.76	20.79
709								.002030	45.96	-29.58	48.47	-9.34	30.12	13.85
710								.002040	37.56	-25.30	45.23	2.69	24.97	9.19
711								.002050	29.31	-26.77	41.25	2.40	16.20	5.87
712								.002060	26.07	-28.18	37.78	-1.07	11.04	7.13
713								.002070	29.39	-20.42	33.59	-2.70	10.16	12.44
714								.002080	28.43	-12.00	24.75	-8.97	11.49	18.06
715								.002090	21.58	-12.08	13.18	-22.05	7.66	18.28
716								.002100	14.80	-20.27	6.99	-22.86	1.39	18.94
717								.002110	15.46	-21.90	7.95	-5.80	.88	23.82
718								.002120	16.20	-16.58	10.38	7.49	7.95	28.91
719								.002130	17.16	-11.63	9.42	3.65	10.09	25.37
720								.002140	20.03	-13.78	9.13	-6.39	4.19	14.66
721								.002150	27.25	-15.10	16.20	-9.79	.14	4.10
722								.002160	36.61	-14.88	26.44	-8.61	10.90	3.14
723								.002170	51.12	-16.51	31.89	-7.50	23.64	11.93
724								.002180	66.59	-22.19	35.13	-4.47	23.20	23.67
725								.002190	76.97	-20.72	41.54	2.18	12.52	27.88
726								.002200	77.79	-14.51	49.35	5.50	11.19	24.63
727								.002210	78.15	-12.15	53.25	-4.62	16.27	6.02
728								.002220	83.60	-14.81	52.74	-22.64	21.14	-19.91
729								.002230	89.28	-10.23	54.51	-28.40	22.46	-26.63
730								.002240	90.01	3.06	58.34	-14.96	25.41	-6.02
731								.002250	93.84	14.58	60.99	.63	29.61	10.89
732								.002260	101.36	11.04	60.25	-.19	36.09	6.61
733								.002270	103.94	-1.96	56.79	-11.86	38.15	-5.06
734								.002280	91.56	-11.26	50.16	-12.00	36.24	-.41
735								.002290	72.19	-7.50	40.22	-.92	27.77	10.23
736								.002300	58.19	-.04	31.01	3.06	20.11	7.94
737								.002310	56.79	-.11	27.10	-10.82	18.63	-8.75
738								.002320	51.49	-8.09	25.48	-31.50	24.01	-25.00
739								.002330	37.71	-12.89	24.30	-30.32	30.05	-48.63
740								.002340	26.37	-13.92	24.23	-6.98	32.78	-72.05
741								.002350	23.86	-7.94	24.75	11.78	29.68	-60.97
742								.002360	20.84	-3.14	22.39	14.51	24.38	-17.54
743								.002370	24.60	-7.35	17.45	2.77	18.19	7.27
744								.002380	32.26	-14.07	13.62	-10.08	15.91	.55
745								.002390	30.05	-12.74	12.52	-10.23	17.23	-3.95
746								.002400	13.70	-9.64	11.56	-.78	16.35	6.17
747								.002410	5.89	-6.61	8.98	.92	8.32	13.03
748								.002420	17.01	1.36	10.01	-21.38	3.02	15.03
749								.002430	29.76	17.91	17.38	-69.91	3.60	20.27
750								.002440	24.23	26.55	23.86	-95.61	8.98	29.13
751								.002450	15.46	21.60	20.62	-52.11	12.37	31.28
752								.002460	19.74	12.66	11.34	11.48	10.97	24.48
753								.002470	39.18	8.09	7.58	24.26	4.71	13.62
754								.002480	56.86	1.36	17.31	2.84	5.45	3.88
755								.002490	62.32	-.26	33.88	-7.79	15.32	-1.22
756								.002500	60.18	8.90	44.19	-6.09	28.21	4.47
757								.002510	61.73	23.15	46.11	-1.22	31.23	13.11
758								.002520	63.49	29.87	46.40	16.87	29.09	17.32
759								.002530	61.87	32.09	48.47	38.22	29.17	14.73
760								.002540	59.37	35.56	52.74	38.66	37.93	13.11
761								.002550	63.35	38.59	57.75	19.61	48.47	14.14
762								.002560	66.59	23.89	57.60	8.53	53.25	16.36
763								.002570	62.83	-11.56	48.54	14.95	50.38	15.62
764								.002580	51.19	-30.47	36.83	22.12	45.96	16.87

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
706	81.32	36.15	73.95	31.35	31.38	13.33	.002000	370.61	46.02	38.10	-5.36	62.22	26.94	
707	83.75	44.27	80.58	33.49	27.55	21.01	.002010	363.09	46.32	40.95	-13.92	63.96	32.93	
708	80.07	44.27	85.52	33.79	31.52	29.36	.002020	358.45	52.23	42.89	-14.54	65.70	35.81	
709	79.41	30.83	88.61	30.24	38.45	36.37	.002030	357.64	56.07	41.52	-8.36	68.82	32.48	
710	82.65	13.85	86.92	25.44	45.37	40.58	.002040	357.94	53.56	35.92	-4.47	71.65	26.62	
711	81.76	6.53	81.69	26.55	50.46	38.22	.002050	357.86	46.47	28.92	-6.17	71.30	23.77	
712	73.66	10.45	70.49	33.64	57.16	35.41	.002060	355.29	37.09	24.97	-7.37	67.10	26.50	
713	63.94	18.72	57.75	42.95	60.18	30.46	.002070	347.40	19.88	24.38	-3.56	60.62	30.71	
714	58.48	27.80	49.20	46.19	59.59	26.40	.002080	340.77	5.11	21.55	-.97	55.76	33.47	
715	53.62	36.89	46.62	46.49	57.75	22.19	.002090	336.06	6.14	14.14	-5.28	52.67	35.19	
716	42.72	44.57	39.99	47.45	58.63	18.87	.002100	339.52	23.13	7.73	-8.06	47.12	36.96	
717	27.69	49.44	25.92	50.11	63.13	14.81	.002110	345.64	35.39	8.10	-1.29	38.91	38.12	
718	12.67	47.67	9.57	46.56	71.08	13.77	.002120	352.41	35.24	11.51	6.61	31.11	36.00	
719	.07	38.88	2.65	38.29	74.40	14.88	.002130	356.10	27.71	12.22	5.80	25.70	30.69	
720	-8.99	29.73	6.99	28.47	79.04	19.75	.002140	357.20	17.44	11.12	-1.84	25.68	25.98	
721	-8.55	30.61	22.39	23.37	84.41	24.48	.002150	361.55	5.03	14.53	-6.93	32.75	26.16	
722	.29	39.03	38.01	20.79	87.88	27.51	.002160	366.56	-3.83	24.65	-6.78	42.06	29.11	
723	11.63	43.46	50.23	19.31	87.66	24.85	.002170	360.81	-4.94	35.55	-4.03	49.84	29.21	
724	19.30	35.49	59.44	15.54	87.51	20.35	.002180	359.41	.82	41.64	-1.00	55.42	23.79	
725	26.07	17.91	69.24	10.01	81.98	11.78	.002190	377.31	-12.99	43.68	3.11	59.10	13.23	
726	42.72	-3.36	82.65	3.58	79.26	4.32	.002200	405.01	-98.88	46.11	5.21	68.21	1.51	
727	71.45	-11.86	101.65	3.80	81.47	26	.002210	414.29	-243.56	49.23	-3.58	84.86	-2.60	
728	92.89	-2.11	113.29	10.15	84.49	48	.002220	405.30	-284.11	52.49	-19.12	96.89	2.84	
729	103.49	7.35	115.06	16.14	79.99	-2.99	.002230	394.40	-154.79	55.42	-21.75	99.52	6.83	
730	117.71	4.10	116.31	13.40	74.76	-13.55	.002240	392.19	-22.44	57.92	-5.97	102.93	1.32	
731	131.12	-3.58	119.55	7.49	71.16	-30.69	.002250	397.64	-14.91	61.48	8.70	107.28	-8.93	
732	130.01	-4.17	113.81	5.35	69.09	-37.34	.002260	406.85	-55.60	65.90	5.82	104.30	-12.05	
733	120.51	-2.92	103.72	9.78	63.64	-27.96	.002270	418.71	-40.02	66.29	-6.29	95.96	-7.03	
734	114.76	-13.18	94.43	12.81	59.37	-15.99	.002280	428.36	5.99	59.32	-7.89	89.52	-5.45	
735	110.79	-27.00	88.76	11.04	55.46	-14.96	.002290	420.33	-10.99	46.72	.60	85.00	-10.30	
736	98.34	-20.27	81.62	.33	49.13	-18.21	.002300	397.20	-78.94	36.43	3.65	76.36	-12.72	
737	78.01	7.20	70.86	-12.30	35.65	-15.10	.002310	374.37	-117.34	34.18	-6.56	61.51	-6.73	
738	60.55	23.30	56.05	-3.88	21.73	-3.14	.002320	365.67	-124.88	33.66	-21.53	46.11	5.43	
739	54.80	14.73	45.52	23.37	14.88	3.21	.002330	363.09	-156.93	30.69	-30.61	38.40	13.77	
740	53.33	1.29	44.05	33.71	18.56	-5.80	.002340	362.28	-172.88	27.79	-30.98	38.64	9.73	
741	45.67	4.98	47.80	20.12	19.30	-24.71	.002350	366.93	-120.08	26.10	-19.04	37.59	.13	
742	34.03	20.05	43.53	1.07	10.60	-24.56	.002360	379.37	-48.66	22.54	-2.06	29.39	-1.15	
743	29.61	31.05	33.44	-5.43	2.50	-2.99	.002370	395.29	-24.88	20.08	.90	21.85	7.54	
744	32.55	33.27	27.40	5.57	9.72	18.50	.002380	401.62	-32.85	20.60	-7.87	23.22	19.11	
745	32.55	31.05	31.30	27.73	17.60	27.29	.002390	390.13	-27.54	19.93	-8.97	27.15	28.69	
746	22.61	22.86	30.71	36.59	13.84	33.64	.002400	381.14	-7.67	13.87	-1.42	22.39	31.03	
747	12.22	12.22	20.62	25.52	-89	33.79	.002410	386.00	-3.09	7.73	2.45	10.65	23.84	
748	7.88	7.64	8.69	9.12	-8.99	25.96	.002420	391.90	-12.32	10.01	-1.66	2.52	14.24	
749	9.50	14.58	6.77	6.83	-5.01	14.58	.002430	387.99	-12.84	16.91	-10.58	3.75	12.00	
750	11.04	24.04	9.64	14.44	6.48	14.95	.002440	381.58	-10.25	19.02	-13.31	9.06	17.81	
751	11.56	27.73	11.78	19.98	11.04	17.76	.002450	378.93	-19.04	16.15	.26	11.46	21.82	
752	11.85	26.84	12.00	15.25	9.28	3.21	.002460	381.14	-8.78	14.02	16.21	11.04	15.10	
753	12.96	24.19	11.56	5.13	6.55	-24.41	.002470	385.27	31.33	17.16	15.32	10.36	1.64	
754	16.05	17.61	9.72	-8.09	10.16	-41.99	.002480	386.00	51.34	26.54	2.69	11.98	-10.82	
755	23.64	9.34	13.70	-15.47	17.53	-42.43	.002490	375.69	30.29	37.17	-3.09	18.29	-16.19	
756	32.26	2.47	21.95	-21.38	25.41	-28.25	.002500	361.18	11.02	44.19	2.42	26.54	-15.72	
757	36.97	.77	29.68	-24.12	29.02	-24.12	.002510	351.97	18.18	46.35	11.68	31.89	-15.82	
758	36.53	2.40	29.90	-16.14	29.76	-60.16	.002520	355.95	39.82	46.33	21.35	32.06	-24.63	
759	37.12	4.10	27.99	4.84	30.05	-120.50	.002530	360.07	44.84	46.50	28.35	31.72	-37.19	
760	41.76	4.10	26.15	24.92	31.97	-135.93	.002540	359.93	21.80	50.01	29.11	33.29	-35.64	
761	47.88	-6.09	31.60	30.24	32.55	-90.29	.002550	360.07	-1.24	56.52	24.11	37.34	-22.05	
762	50.53	-38.00	39.18	15.84	36.02	-38.30	.002560	360.96	15.08	59.15	16.26	41.91	-20.15	
763	48.02	-52.92	42.87	-1.88	39.48	-24.26	.002570	354.70	51.56	53.92	6.34	43.46	-26.36	
764	45.08	-12.74	39.33	-15.77	42.72	-53.51	.002580	341.95	58.65	44.66	2.84	42.38	-27.34	

	AC	AD	AE	AF	AG	AH
706	0.00701	46.25642776	47.65606308	34.76469803	80.06863403	85.51984406
707	0.00702	45.9617691	48.46637726	30.12380791	79.40565491	88.61376953
708	0.00703	37.56396484	45.22512054	24.96726227	82.64691162	86.91947937
709	0.00704	29.31349373	41.24721527	16.20113373	81.76293182	81.68926239
710	0.00705	26.07223511	37.7849617	11.04458809	73.65979004	70.49219513
711	0.00706	29.38715744	33.58605957	10.16060829	63.93601608	57.74816132
712	0.00707	28.42951393	24.74626732	11.48657703	58.48480988	49.20302582
713	0.00708	21.67867432	13.18087101	7.65600061	53.6229248	46.62475566
714	0.00709	14.80149937	6.99301577	1.39446035	42.72051239	39.99491119
715	0.0071	15.46448421	7.95066023	0.87882584	27.69286346	25.92490578
716	0.00711	16.20113373	10.38160324	7.95066023	12.66521645	9.57128906
717	0.00712	17.15877724	9.42395878	10.08694363	0.06851147	2.64678431
718	0.00713	20.03170967	9.12929916	4.193748	-8.99227619	6.99301577
719	0.00714	27.25087547	16.20113373	0.1421764	-8.55028629	22.38898849
720	0.00715	36.60632324	26.44055939	10.8972578	0.28950629	38.00595474
721	0.00716	51.11831665	31.89176559	23.64129257	11.63390732	50.23433685
722	0.00717	66.58795166	35.13302231	23.19930267	19.29506111	59.44245529
723	0.00718	76.97470856	41.54187393	12.51788616	26.07223511	69.23989105
724	0.00719	77.78502655	49.35035706	11.19191742	42.72051239	82.64691162
725	0.0072	78.15335083	53.25460052	16.27479935	71.44983673	101.6524658
726	0.00721	83.60455322	52.73894501	21.13668442	92.88633728	113.2915268
727	0.00722	89.27675629	54.5069046	22.46265411	103.4940872	115.0594864
728	0.00723	90.01340485	58.33747864	25.40925026	117.7114258	116.3117905
729	0.00724	93.84397888	60.98941803	29.60815239	131.1184387	119.5530472
730	0.00725	101.3578033	60.25276947	36.09066772	130.0134735	113.8071823
731	0.00726	103.9360809	56.7905159	38.15328598	120.5106888	103.7150803
732	0.00727	91.5603714	50.16067123	36.23799896	114.7648239	94.43330383
733	0.00728	72.18648529	40.21590424	27.76652908	110.7869186	88.76110077
734	0.00729	58.19015121	31.0077858	20.10537529	98.33753967	81.61560059
735	0.0073	56.7905159	27.10354424	18.63207626	78.00601959	70.86051941
736	0.00731	51.48664093	25.48291588	24.00961685	60.54742813	56.05386734
737	0.00732	37.71129608	24.30427742	30.05014229	54.80156326	45.51977921
738	0.00733	26.36689568	24.2306118	32.77574539	53.32826233	44.04648209
739	0.00734	23.86228752	24.74626732	29.68181801	45.66711044	47.80339432
740	0.00735	20.84202385	22.38898849	24.37794113	34.02804947	43.53082657
741	0.00736	24.59893608	17.45343781	18.19008636	29.60815239	33.43872833
742	0.00737	32.26008987	13.62286091	15.90647411	32.55474854	27.3982048
743	0.00738	30.05014229	12.51788616	17.23244286	32.55474854	31.30244637
744	0.00739	13.69652557	11.56024265	16.34846306	22.60998344	30.71312714
745	0.0074	5.88804197	8.98196888	9.31898499	12.22322655	20.62103081
746	0.00741	17.01144791	10.01327896	3.01510906	7.87699509	8.68730927
747	0.00742	29.75548172	17.37977219	3.60442853	9.49762344	6.77202129
748	0.00743	24.2306118	23.86228752	9.98196888	11.04458809	9.64495373
749	0.00744	15.46448421	20.62103081	12.37055683	11.56024265	11.78123665
750	0.00745	19.73705101	11.3392477	10.97092247	11.85490227	12.0022316
751	0.00746	39.1845932	7.58233547	4.70940256	12.95987606	11.56024265
752	0.00747	56.86418152	17.30610847	5.44605207	16.0538044	9.71861839
753	0.00748	62.31538773	33.88071823	15.31715393	23.64129257	13.69652557
754	0.00749	60.17910385	44.19380951	28.20851898	32.26008987	21.9469986
755	0.0075	61.72606659	46.10910034	31.22878075	36.97464752	29.68181801
756	0.00751	63.49402618	46.403759	29.09249878	36.53265762	29.90281296
757	0.00752	61.87339783	48.46637726	29.16616249	37.12197495	27.98752403
758	0.00753	59.36878967	52.73894501	37.93229294	41.76286697	26.14590073
759	0.00754	63.34669495	57.74816132	48.46637726	47.87705994	31.59710693
760	0.00755	66.58795166	57.60083008	53.25460052	50.52899551	39.1845932
761	0.00756	62.83103943	48.54004288	50.38166428	48.02438736	42.86784363
762	0.00757	51.19198227	36.82731628	45.9617691	45.07778931	39.33192444
763	0.00758	42.42585373	35.42768478	40.65789413	42.86784363	33.73339081
764	0.00759	41.68920135	44.26747513	38.88993454	39.6265831	29.60815239

	AI	AJ	AK	AL	AM	AN
706	31.52344131	-33.27314758	-31.1313591	20.78860092	44.27444077	33.78705215
707	38.44794464	-29.58040619	-9.3441782	13.84624481	30.83285904	30.24202156
708	45.37245178	-25.29682541	2.69416237	9.19338894	13.84624481	25.44145584
709	50.4553299	-26.77392197	2.39874315	5.86992073	6.53461456	26.54927826
710	57.15884018	-28.17716408	-1.07243478	7.12545347	10.4489212	33.63934326
711	60.17910385	-20.42240524	-2.69724154	12.4430027	18.72066498	42.94505692
712	59.58978271	-12.00295258	-8.97490406	18.05597115	27.80481148	46.19466782
713	57.74816132	-12.07680702	-22.0472126	18.27753639	36.88895798	46.49008942
714	58.63214111	-20.27469635	-22.85961533	18.94222832	44.56986237	47.45019913
715	63.1257019	-21.8995018	-5.79914522	23.81664848	49.44428253	50.10897446
716	71.08151245	-16.58195305	7.49472761	28.9126339	47.67176437	46.56394196
717	74.3964386	-11.63367844	3.65427542	25.36760139	38.88303757	38.29219818
718	79.03733063	-13.77546883	-6.38998413	14.65864754	29.72503662	28.46950531
719	84.41487122	-15.10485649	-9.78730679	4.09740448	30.6112957	23.3735199
720	87.87712097	-14.88329124	-8.60562897	3.13729167	39.03074646	20.78860092
721	87.65612793	-16.5080986	-7.49780655	11.92601871	43.46203995	19.31150436
722	87.50879669	-22.19492149	-4.46975803	23.66893959	35.48571396	15.54490662
723	81.98392487	-20.71782494	2.17717862	27.87866592	17.90826225	10.00579262
724	79.25832367	-14.51401711	5.50064659	24.62905312	-3.36193514	3.58042073
725	81.46826935	-12.15066242	-4.6174674	6.01763058	-11.85524273	3.80198526
726	84.48853302	-14.8094368	-22.63805008	-19.9054203	-2.10640264	10.15350246
727	79.99497223	-10.23043633	-28.39872932	-26.62621307	7.34701777	16.13574409
728	74.76476288	3.06343675	-14.95714664	-6.02070951	4.09740448	13.40311527
729	71.15518188	14.58479309	0.62622672	10.89205074	-3.58349967	7.49472761
730	69.09255981	11.03976059	-0.18617664	6.60846949	-4.17433834	5.35293722
731	63.64135361	-1.95869303	-11.85524273	-5.06059647	-2.91880608	9.78422832
732	59.36878967	-11.2644043	-12.00295258	-0.40774119	-13.18463039	12.81227684
733	55.4645462	-7.49780655	-0.92472512	10.22735691	-26.99548721	11.03976059
734	49.1293602	-0.03846694	3.06343675	7.93785667	-20.27469635	0.3308073
735	35.64867783	-0.11232179	-10.82127476	-8.75333881	7.1993084	-12.29837227
736	21.72600365	-8.08864498	-31.50063324	-25.00140572	23.29966545	-3.87891912
737	14.87516499	-12.8892107	-30.31895447	-48.63495636	14.73250294	23.3735199
738	18.55841255	-13.92317867	-6.98082256	-72.04694366	1.29092038	33.71319962
739	19.29506111	-7.94093561	11.77830887	-60.96871567	4.98366261	20.12390709
740	10.60259819	-3.14037061	14.51093864	-17.54206657	20.05005264	1.06935585
741	2.4994545	-7.35009718	2.76801729	7.27316332	31.05442429	-5.42987108
742	9.71861839	-14.07088852	-10.08272648	0.55237186	33.27006912	5.57450151
743	17.60076714	-12.74150085	-10.23043633	-3.95277381	31.05442429	27.73095703
744	13.84385586	-9.63959694	-0.77701545	6.16534042	22.85653687	36.59353638
745	-0.88913274	-6.61154842	0.92164612	13.03384113	12.22143841	25.51531029
746	-8.99227619	1.36477518	-21.38251877	15.02792263	7.64243746	9.11953449
747	-5.01436949	17.90826225	-69.90515137	20.27161598	14.58479309	6.83003378
748	6.4773612	26.54927826	-95.60664368	29.13419914	24.03821373	14.43708324
749	11.04458809	21.60100365	-52.10613632	31.27598953	27.73095703	19.97619629
750	9.27662945	12.66456699	11.48288918	24.48134232	26.84469795	15.24948692
751	6.55102634	8.08556652	24.25977898	13.62468052	24.18592262	5.13137245
752	10.16060829	1.36477518	2.84187222	3.87583995	17.61284256	-8.08864498
753	17.52710152	-0.26003149	-7.79322624	-1.22014451	9.34109879	-15.47413063
754	25.40925026	8.8979702	-6.09456444	4.46667862	2.47259784	-21.38251877
755	29.01883316	23.15195465	-1.22014451	13.10769653	0.77393639	-24.11514854
756	29.75548172	29.87274742	16.87429428	17.31742287	2.39874315	-16.13882446
757	30.05014229	32.08839417	38.21834564	14.73250294	4.09740448	4.83595324
758	31.96543121	35.55957031	38.66147232	13.10769653	4.09740448	24.92447281
759	32.55474854	38.58761978	19.60692215	14.14166355	-6.09456444	30.24202156
760	36.01700211	23.89050484	8.52869511	16.35730934	-37.99985886	15.84032536
761	39.47925568	-11.55982304	14.95406723	15.61876106	-52.91853714	-1.8848381
762	42.72051239	-30.46666527	22.11798859	16.87429428	-12.74150085	-15.76954937
763	44.41480637	-2.84495115	18.86837387	19.5330677	30.98056984	-35.48879623
764	46.10910034	32.67922974	15.84032536	6.97774363	24.85061646	-47.82255554

	AO	AP	AQ	AR	AS	AT
706	29.35576248	358.453949	52.22728348	42.89239502	65.70397186	-14.53863525
707	36.37197495	357.6436462	56.06773758	41.51731873	68.82245636	-8.35944653
708	40.58169937	357.9382935	53.55667114	35.91878128	71.64627838	-4.46975803
709	38.21834564	357.864624	46.46660614	28.92061424	71.30250549	-6.16841936
710	35.41186142	355.2863464	37.08703995	24.96726227	67.10360718	-7.37471533
711	30.4635849	347.4042053	19.87886047	24.37794113	60.62109375	-3.55888128
712	26.40156937	340.774353	5.10789108	21.55411911	55.75920486	-0.97396183
713	22.19184303	336.0598145	6.14185905	14.13851547	52.66527939	-5.28216124
714	18.86837387	339.5220642	23.12847328	7.72966528	47.11585617	-6.06402779
715	14.80635738	345.636261	35.38837814	8.09799004	38.91448975	-1.29399955
716	13.77238941	352.4134216	35.24066925	11.51113224	31.10600662	6.60846949
717	14.88021278	356.0966797	27.70747566	12.22322655	25.70391083	5.79606628
718	19.75463295	357.2016296	17.44165039	11.1182518	25.67935753	-1.83560181
719	24.48134232	361.5478821	5.03403616	14.53139496	32.75119019	-6.93158627
720	27.50939178	366.5570984	-3.82854557	24.64804649	42.05752563	-6.78387642
721	24.85061646	360.8112183	-4.93636847	35.550457	49.84145737	-4.02662897
722	20.34547043	359.4115906	0.82430983	41.64009094	55.41543579	-0.99857998
723	11.77830887	377.3121643	-12.98654652	43.67815781	59.0986824	3.11267328
724	4.31896925	405.0101929	-98.87973785	46.10910034	68.20858002	5.20522738
725	0.25695246	414.2919617	-243.5613861	49.22758484	64.8568573	-3.58349967
726	0.478517	405.3048401	-284.1076965	52.49339294	96.88880157	-19.11763573
727	-2.992661	394.4024353	-154.7878571	55.41543961	99.51618195	-21.75179291
728	-13.55390453	392.1924744	-22.43996811	57.92004395	102.9293289	-5.97147322
729	-30.68822861	397.6437073	-14.90677261	61.48051453	107.2755585	8.7010231
730	-37.33516693	406.8518066	-55.60079575	65.90041351	104.3044052	5.82068443
731	-27.95559883	418.711853	-40.01742172	66.29329681	95.95570374	-6.29151058
732	-15.99111462	428.361969	5.99414921	59.31967926	89.52230835	-7.89169931
733	-14.95714664	420.332489	-10.99246597	46.72297287	85.00418854	0.6016084
734	-18.20676041	397.2016907	-78.9389267	36.4344368	76.36083221	3.65427542
735	-15.10485649	374.3655701	-117.3434448	34.17537689	61.50507355	-6.56231165
736	-3.14037061	365.6730957	-124.8766403	33.65972519	46.10910034	-21.53022766
737	3.21114635	363.0948486	-156.9296417	30.68857193	38.39883423	-30.61437416
738	-5.79914522	362.2845154	-172.8822937	27.79108429	38.64438629	-30.9836483
739	-24.70598602	366.925415	-120.0760803	26.09679031	37.58852386	-19.04378128
740	-24.55827713	379.3747864	-48.65843964	22.53631783	29.38715744	-2.05716661
741	-2.992661	395.2864075	-24.87717819	20.08082008	21.84877777	0.89702779
742	18.49909973	401.6216126	-32.85350037	20.5964756	23.22385788	-7.86708117
743	27.28782654	390.1298828	-27.53595161	19.93349075	27.15265465	-8.97490406
744	33.63934326	381.1427612	-7.66899776	13.86841011	22.38898849	-1.41709065
745	33.78705215	386.0046387	-3.08999705	7.72966528	10.6517086	2.44797969
746	25.95843887	391.8978272	-12.32185364	10.01327896	2.52400947	-1.66327369
747	14.58479309	387.9935913	-12.83883762	16.91322708	3.75175834	-10.57509136
748	14.95406723	381.5847473	-10.25391769	19.02495575	9.0556345	-13.30772209
749	17.76055145	378.9328003	-19.0426445	16.15202332	11.46202278	0.25695229
750	3.21114635	381.1427612	-8.77682018	14.01574039	11.04458809	16.20959854
751	-24.41056633	385.2679749	31.32636261	17.15877724	10.35704803	15.32334232
752	-41.98802185	386.0046387	51.34102631	26.53878021	11.97767735	2.69416237
753	-42.43114853	375.6915283	30.29239464	37.17108536	18.28830719	-3.09113407
754	-28.25101852	361.1795349	11.01627922	44.19380951	26.53878021	2.42336154
755	-24.11514854	351.9714356	18.18019867	46.35464859	31.89176559	11.67983532
756	-60.15631485	355.9493408	39.81967163	46.33009338	32.06365204	21.35482216
757	-120.4957275	360.074585	44.84180069	46.50197983	31.71988106	28.34641457
758	-135.9313812	359.9272461	21.79908752	50.01334381	33.29140091	29.10957909
759	-90.28909302	360.074585	-1.24362588	56.52041245	37.3429718	24.11206818
760	-38.29528046	360.9585571	15.07829571	59.14779282	41.91019821	16.25883675
761	-24.26285744	354.6970215	51.56259155	53.91758347	43.45716095	6.33766842
762	-53.50937653	341.9530029	58.65265656	44.66035461	42.37674332	2.84187245
763	-92.57859039	334.2918396	34.94525146	39.50381088	40.33868027	11.85216331
764	-71.97309113	336.7227783	15.07829571	41.61553574	38.44794464	18.49909973

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706	35.8057518
707	32.48228455
708	26.62313271
709	23.76741219
710	26.50004196
711	30.7097683
712	33.46701813
713	35.19029617
714	36.96281052
715	38.11987305
716	36.00269699
717	30.68515015
718	25.98305893
719	26.15538597
720	29.10957909
721	29.20805359
722	23.79203033
723	13.23078823
724	1.51248491
725	-2.59876823
726	2.84187222
727	6.83003378
728	1.31553841
729	-8.92566681
730	-12.05218887
731	-7.03005886
732	-5.45448923
733	-10.30429077
734	-12.71688271
735	-6.73464012
736	5.42679214
737	13.77238941
738	9.73499203
739	0.13386123
740	-1.14628959
741	7.54396391
742	19.11455727
743	28.69106865
744	31.02980614
745	23.84126663
746	14.2401371
747	11.99987316
748	17.80978775
749	21.82256889
750	15.10177708
751	1.63557625
752	-10.82127476
753	-16.18806076
754	-15.72031307
755	-15.81878662
756	-24.63213158
757	-37.18745804
758	-35.63650131
759	-22.0472126
760	-20.1516037
761	-26.35541153
762	-27.3401413
763	-32.36227417
764	-31.64834404

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
765								.002590	42.43	-2.64	35.43	18.87	40.66	19.53
766								.002600	41.69	32.68	44.27	15.84	38.89	6.98
767								.002610	43.60	38.44	50.68	17.83	40.95	-19.76
768								.002620	37.86	30.09	47.36	23.96	43.53	-18.35
769								.002630	28.43	36.52	37.56	38.51	41.54	17.10
770								.002640	22.98	48.26	28.36	50.48	38.23	49.44
771								.002650	27.10	47.67	26.37	45.01	33.59	54.17
772								.002660	31.23	40.73	31.23	33.05	33.22	45.68
773								.002670	27.10	42.80	30.86	29.06	34.40	39.25
774								.002680	14.06	50.04	23.27	31.28	33.00	40.29
775								.002690	3.24	52.92	19.74	31.72	24.60	39.40
776								.002700	1.47	51.59	28.13	34.89	20.99	39.33
777								.002710	3.53	54.02	37.49	41.25	23.27	40.66
778								.002720	73	58.45	35.21	43.09	26.74	42.50
779								.002730	-.01	58.75	22.98	37.04	20.03	39.33
780								.002740	9.72	52.10	18.04	33.20	8.98	32.75
781								.002750	22.98	47.52	25.78	35.85	2.65	25.96
782								.002760	19.81	48.11	38.01	40.43	7.36	23.82
783								.002770	5.00	46.34	45.67	40.06	16.27	32.46
784								.002780	1.91	41.02	49.20	36.67	21.73	65.47
785								.002790	20.55	47.38	51.56	38.44	19.81	101.36
786								.002800	40.66	49.52	56.72	49.30	19.88	87.11
787								.002810	50.38	21.67	61.51	61.85	25.85	33.12
788								.002820	50.68	-3.21	62.61	76.40	36.31	7.72
789								.002830	46.18	18.94	57.45	78.47	43.46	6.90
790								.002840	44.78	56.98	51.56	52.18	47.73	7.49
791								.002850	51.12	67.39	47.44	31.28	47.58	26.18
792								.002860	54.21	59.93	45.67	46.27	44.27	62.00
793								.002870	50.16	58.75	40.51	69.39	36.02	80.02
794								.002880	43.09	61.04	34.10	64.81	27.25	70.94
795								.002890	38.96	60.67	27.40	27.95	22.83	57.42
796								.002900	32.19	59.64	23.27	-1.81	26.07	56.98
797								.002910	25.48	62.37	22.09	15.32	26.81	51.22
798								.002920	26.07	63.48	24.89	59.49	22.68	25.37
799								.002930	36.09	62.66	25.34	80.68	16.86	8.82
800								.002940	41.25	63.03	22.24	71.82	18.41	33.49
801								.002950	34.54	67.10	18.41	64.36	19.52	68.20
802								.002960	20.69	68.20	15.76	72.86	13.33	77.73
803								.002970	13.25	67.24	10.31	79.95	1.17	64.51
804								.002980	14.43	69.24	4.05	72.78	-4.28	66.73
805								.002990	20.62	76.33	2.57	63.03	-4.72	89.40
806								.003000	24.01	81.35	7.21	80.24	-1.77	94.79
807								.003010	19.74	80.76	10.16	129.06	3.09	71.90
808								.003020	8.54	75.52	11.34	154.17	9.87	61.70
809								.003030	4.12	72.63	12.67	120.86	11.56	78.54
810								.003040	14.73	67.76	14.06	76.25	8.83	93.46
811								.003050	31.67	61.70	17.45	67.61	4.86	86.22
812								.003060	38.01	68.50	25.92	82.83	4.41	76.03
813								.003070	35.80	84.75	32.92	92.13	3.90	78.84
814								.003080	40.81	85.78	30.64	91.25	3.09	87.33
815								.003090	60.25	73.45	25.11	88.74	4.34	90.29
816								.003100	76.75	67.24	25.11	100.11	11.78	91.10
817								.003110	78.74	74.85	26.66	126.11	15.54	93.90
818								.003120	69.61	84.60	26.59	136.67	14.21	95.38
819								.003130	58.78	90.95	24.16	116.36	12.22	92.72
820								.003140	47.73	92.28	22.83	96.05	15.02	104.76
821								.003150	41.03	89.77	18.85	95.09	13.55	138.29
822								.003160	37.56	85.12	13.55	104.10	9.13	155.65
823								.003170	36.24	79.13	8.25	105.87	8.25	123.89

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
765	42.87	30.98	33.73	-35.49	44.41	-92.58	.002590	334.29	34.95	39.50	11.85	40.34	-32.36	
766	39.63	24.85	29.61	-47.82	46.11	-71.97	.002600	336.72	15.08	41.62	18.50	38.45	-31.65	
767	34.18	.63	33.00	-19.46	43.83	-3.14	.002610	336.65	14.41	45.08	12.17	37.00	-7.33	
768	29.24	7.20	35.94	29.43	42.35	41.76	.002620	333.26	29.18	42.92	11.90	35.85	26.13	
769	24.23	34.75	33.44	48.11	39.41	38.81	.002630	332.38	45.65	35.85	30.71	32.36	40.56	
770	17.38	52.32	27.47	33.49	36.75	38.14	.002640	338.64	57.10	29.85	49.40	27.20	41.32	
771	11.27	59.41	26.59	27.73	33.37	38.81	.002650	343.87	63.90	29.02	48.95	23.74	41.98	
772	4.41	55.94	27.18	38.22	35.06	-17.54	.002660	344.60	71.36	31.89	39.82	22.22	25.54	
773	.66	25.52	26.74	30.69	33.88	-90.51	.002670	346.23	79.26	30.79	37.04	20.42	-11.44	
774	3.53	-14.81	22.68	-6.91	31.23	-75.07	.002680	356.83	79.78	23.44	40.53	19.15	-32.26	
775	7.73	-12.67	22.54	-22.34	32.26	-1.96	.002690	373.33	72.17	15.86	41.34	20.84	-12.32	
776	7.36	27.07	28.58	4.84	38.01	39.33	.002700	381.66	69.36	16.86	41.94	24.65	23.74	
777	8.61	40.43	37.71	28.99	37.56	35.56	.002710	376.06	77.63	21.43	45.31	27.96	34.99	
778	13.92	12.81	41.84	13.18	31.30	36.00	.002720	368.55	89.01	20.89	48.02	29.02	20.67	
779	17.09	-4.62	44.12	-22.27	27.91	42.65	.002730	365.08	86.05	14.33	45.04	29.71	5.25	
780	18.78	6.24	46.11	-42.87	36.61	26.55	.002740	372.01	73.05	12.25	39.35	33.83	-3.36	
781	25.78	16.06	50.38	-41.62	49.06	2.18	.002750	385.71	61.39	17.13	36.45	41.74	-7.79	
782	37.78	15.62	52.22	-30.32	56.64	2.92	.002760	399.19	57.84	21.73	37.46	48.88	-3.93	
783	47.58	19.31	54.58	-6.54	55.69	9.34	.002770	403.39	60.94	22.32	39.62	52.62	7.37	
784	52.89	27.58	56.94	30.17	52.08	13.40	.002780	391.46	65.67	24.28	47.72	53.97	23.72	
785	53.03	31.72	60.84	74.55	51.12	38.81	.002790	376.35	72.91	30.64	62.39	55.00	48.36	
786	48.76	39.25	57.23	88.44	55.69	73.08	.002800	370.83	85.54	39.09	61.97	53.89	66.92	
787	45.30	49.59	50.68	56.31	59.52	76.48	.002810	368.84	95.36	45.91	38.88	51.83	60.79	
788	47.80	42.43	47.29	22.86	60.18	55.94	.002820	363.91	96.54	49.87	26.97	51.76	40.41	
789	51.12	28.54	50.68	31.05	57.90	42.65	.002830	353.89	86.64	49.03	34.77	53.23	34.08	
790	48.32	37.04	51.34	52.40	58.71	46.05	.002840	345.93	78.22	48.02	38.88	52.79	45.16	
791	42.65	71.31	51.27	48.41	56.64	46.05	.002850	343.87	82.43	48.71	41.62	50.19	55.25	
792	41.25	92.50	52.44	24.78	52.15	40.14	.002860	349.91	97.43	48.05	56.07	48.61	52.47	
793	44.34	75.37	55.24	24.19	44.56	33.34	.002870	360.88	102.89	42.23	69.39	48.05	44.30	
794	44.05	52.18	54.14	50.04	40.36	30.76	.002880	367.74	83.10	34.81	65.59	46.16	44.32	
795	36.75	50.18	47.44	68.06	36.97	27.88	.002890	369.50	60.57	29.73	48.68	40.39	48.71	
796	27.25	52.55	38.82	62.74	35.50	29.87	.002900	370.02	59.76	27.18	38.27	33.86	48.39	
797	24.89	48.41	36.39	51.51	34.18	34.01	.002910	368.69	66.48	24.80	42.97	31.82	44.64	
798	27.55	52.84	37.86	48.26	33.29	39.40	.002920	366.70	66.41	24.55	49.44	32.90	46.83	
799	23.49	66.80	37.71	54.47	26.96	43.39	.002930	364.42	69.07	26.10	50.72	29.39	54.88	
800	15.61	73.52	32.41	67.17	16.13	52.55	.002940	361.99	82.88	27.30	56.12	21.36	64.41	
801	13.70	68.79	27.10	79.58	3.97	69.53	.002950	354.92	97.94	24.16	66.55	14.92	72.63	
802	16.05	66.28	23.64	86.67	.66	94.42	.002960	347.26	117.44	16.59	72.93	13.45	82.46	
803	16.50	74.63	24.45	117.83	4.56	126.25	.002970	342.98	142.55	8.25	70.57	15.17	106.24	
804	18.19	85.85	24.67	160.30	8.32	154.76	.002980	339.01	157.10	4.73	69.58	17.06	133.64	
805	22.39	86.52	24.75	133.49	9.28	155.28	.002990	330.83	160.87	6.16	76.25	18.80	125.10	
806	24.08	65.25	23.94	57.27	13.92	135.78	.003000	318.90	169.36	9.82	85.46	20.65	86.10	
807	22.39	33.27	23.86	40.73	17.23	122.71	.003010	306.15	185.46	11.00	93.90	21.16	65.57	
808	21.80	46.79	21.51	80.68	17.90	122.86	.003020	298.49	196.39	9.92	97.13	20.40	83.44	
809	23.71	119.75	18.71	97.30	17.38	120.20	.003030	294.51	190.04	9.45	90.68	19.93	112.42	
810	24.75	150.48	16.50	78.03	20.33	112.52	.003040	294.14	176.01	12.54	79.16	20.52	113.67	
811	24.38	73.08	16.94	64.51	20.40	103.36	.003050	291.93	164.19	17.99	71.85	20.57	80.32	
812	23.94	5.06	12.81	44.57	17.09	95.90	.003060	287.44	154.37	22.78	75.79	17.94	48.51	
813	21.51	38.88	4.86	11.70	12.44	89.03	.003070	282.73	132.14	24.21	85.24	12.94	46.54	
814	17.75	96.27	-2.66	13.11	11.41	86.81	.003080	277.13	101.93	24.84	88.12	8.83	65.40	
815	14.88	97.01	-2.88	59.71	9.72	82.97	.003090	271.68	94.55	29.90	84.16	7.24	79.90	
816	13.55	67.02	2.57	109.27	10.53	79.13	.003100	268.66	112.05	37.88	86.15	8.88	85.14	
817	14.06	58.23	7.66	115.03	10.38	73.96	.003110	272.12	129.33	40.31	98.29	10.70	82.41	
818	15.76	77.14	5.00	63.92	10.53	65.47	.003120	283.91	137.16	36.80	105.55	10.43	68.84	
819	13.99	107.79	-1.77	18.72	9.35	50.55	.003130	296.35	142.63	31.72	100.01	7.19	59.02	
820	9.94	111.85	-5.90	27.58	11.63	40.88	.003140	305.12	154.00	28.53	97.70	5.23	60.10	
821	7.51	80.02	-3.54	57.72	12.44	43.39	.003150	304.31	159.83	24.48	107.72	5.47	60.37	
822	6.77	60.23	-4.43	63.26	11.93	55.94	.003160	298.27	156.58	20.08	114.95	4.76	59.81	
823	2.79	72.78	-11.35	54.10	8.61	68.35	.003170	299.30	153.85	17.58	102.96	.02	65.08	

	AC	AD	AE	AF	AG	AH
765	0.0076	43.60449219	50.67632675	40.9525528	34.17538071	32.99673843
766	0.00761	37.85862732	47.36140442	43.53082657	29.23982811	35.94333649
767	0.00762	28.42951393	37.56396484	41.54187393	24.2306118	33.43872833
768	0.00763	22.97830772	28.35584831	38.2269516	17.37977219	27.47187042
769	0.00764	27.10354424	26.36689568	33.58605957	11.26558208	26.58789063
770	0.00765	31.22878075	31.22878075	33.21773529	4.41474295	27.17720985
771	0.00766	27.10354424	30.86045647	34.39637375	0.65783101	26.73521996
772	0.00767	14.06484985	23.27296829	32.99673843	3.53076363	22.68364906
773	0.00768	3.23610401	19.73705101	24.59893608	7.72966528	22.53631783
774	0.00769	1.46814537	28.13485336	20.98935509	7.36134052	28.57684326
775	0.0077	3.53076363	37.49030304	23.27296829	8.6136446	37.71129608
776	0.00771	0.73149592	35.20668793	26.73521996	13.91752052	41.83653259
777	0.00772	-0.00515347	22.97830772	20.03170967	17.08511353	44.12014771
778	0.00773	9.71861839	18.04275703	8.98196888	18.77940559	46.10910034
779	0.00774	22.97830772	25.77757645	2.64678431	25.77757645	50.38166428
780	0.00775	19.81071472	38.00595474	7.36134052	37.7849617	52.22328949
781	0.00776	5.00406265	45.66711044	16.27479935	47.58239746	54.58056641
782	0.00777	1.91013503	49.20302582	21.72600365	52.88627243	56.93784714
783	0.00778	20.54736519	51.56030655	19.81071472	53.03360367	60.84208679
784	0.00779	40.65789413	56.71685028	19.88438034	48.76103592	57.2325058
785	0.0078	50.38166428	61.50507355	25.85124016	45.29878616	50.67632675
786	0.00781	50.67632675	62.61004639	36.31166077	47.80339432	47.2877388
787	0.00782	46.18276596	57.45349884	43.45716095	51.11831665	50.67632675
788	0.00783	44.78313065	51.56030655	47.7297287	48.31904602	51.33930969
789	0.00784	51.11831665	47.43507004	47.58239746	42.64684677	51.26564407
790	0.00785	54.21224213	45.66711044	44.26747513	41.24721527	52.44428635
791	0.00786	50.16067123	40.5105629	36.01700211	44.34114075	55.24355316
792	0.00787	43.08883667	34.10171509	27.25087547	44.04648209	54.13857651
793	0.00788	38.96360016	27.3982048	22.83097839	36.75365067	47.43507004
794	0.00789	32.18644266	23.27296829	26.07223511	27.25087547	38.81626892
795	0.0079	25.48291588	22.09432793	26.80886557	24.89359665	36.38532639
796	0.00791	26.07223511	24.89359665	22.68364906	27.54553413	37.85862732
797	0.00792	36.09066772	25.33558655	16.86411858	23.49396324	37.71129608
798	0.00793	41.24721527	22.24165916	18.41108131	15.61181355	32.40742111
799	0.00794	34.54370499	18.41108131	19.51605606	13.69652557	27.10354424
800	0.00795	20.69469452	15.75914383	13.32820129	16.0538044	23.64129257
801	0.00796	13.25453568	10.30793858	1.17348564	16.49579239	24.45160675
802	0.00797	14.43317509	4.04641819	-4.27771997	18.19008636	24.6726017
803	0.00798	20.62103081	2.5731194	-4.71970987	22.36898849	24.74626732
804	0.00799	24.00961685	7.21401072	-1.77311206	24.08328247	23.93595314
805	0.008	19.73705101	10.16060829	3.08877397	22.36898849	23.86226752
806	0.00801	8.53997993	11.3392477	9.86594868	21.79966927	21.5050087
807	0.00802	4.12008333	12.66521645	11.56024265	23.71495819	18.70574188
808	0.00803	14.7278347	14.06484985	8.83463955	24.74626732	16.49579239
809	0.00804	31.67077065	17.45343781	4.85673285	24.37794113	16.93778229
810	0.00805	38.00595474	25.92490578	4.41474295	23.93595314	12.81254578
811	0.00806	35.79600906	32.92307663	3.89908838	21.5050087	4.85673285
812	0.00807	40.80522537	30.63946152	3.08877397	17.74809647	-2.65709138
813	0.00808	60.25276947	25.1145916	4.3410778	14.87516499	-2.87808609
814	0.00809	76.75371552	25.1145916	11.78123665	13.54919529	2.5731194
815	0.0081	78.74266815	26.66155434	15.53814888	14.06484985	7.65600061
816	0.00811	69.60821533	26.58789063	14.21218014	15.75914383	5.00406265
817	0.00812	58.77946854	24.15694809	12.22322655	13.99118519	-1.77311206
818	0.00813	47.7297287	22.83097839	15.02249432	9.93961334	-5.89634881
819	0.00814	41.02621841	18.85307121	13.54919529	7.50867033	-3.5410707
820	0.00815	37.56396484	13.54919529	9.12929916	6.77202129	-4.42504978
821	0.00816	36.23799896	8.24532032	8.24532032	2.79411435	-11.34955406
822	0.00817	32.92307663	7.28767586	16.56945801	-2.28876662	-16.13777542
823	0.00818	28.50317955	10.67626286	24.96726227	-4.64604473	-10.61290455

	AI	AJ	AK	AL	AM	AN
765	43.82548523	38.43991089	17.8344059	-19.75771141	0.62622672	-19.46229172
766	42.35218811	30.09431076	23.96435928	-18.3544693	7.1993084	29.42961693
767	39.40559006	36.51968384	38.51376343	17.09585762	34.74716568	48.11489487
768	36.75365067	48.26260376	50.4782486	49.44428253	52.32461929	33.49163437
769	33.36506653	47.67176437	45.01298904	54.1709938	59.41468811	27.73095703
770	35.05935669	40.72940826	33.04850388	45.67768478	55.94350815	38.21834564
771	33.88071823	42.79734421	29.06034279	39.25231171	25.51531029	30.68515015
772	31.22878075	50.03512192	31.27598953	40.28628159	-14.8094368	-6.90696764
773	32.26008987	52.91545868	31.71911812	39.4000206	-12.66764641	-22.34263039
774	38.00595474	51.58607101	34.89487839	39.32616806	27.0662632	4.83595324
775	37.56396484	54.0232811	41.24639511	40.65555573	40.43399048	28.98648834
776	31.30244637	58.45457458	43.09276581	42.50192642	12.81227684	13.18155098
777	27.91385841	58.74999237	37.03666687	39.32616806	-4.6174674	-22.26877594
778	36.60632324	52.10305786	33.19621658	32.75308609	6.23919535	-42.87427902
779	49.05569839	47.52405548	35.8549881	25.95843887	16.06188965	-41.61874771
780	56.64318466	48.11489487	40.43399048	23.81664848	15.61876106	-30.31895447
781	55.68554306	46.34237671	40.06471634	32.4576683	19.31150436	6.5376935
782	52.07595825	41.02482986	36.66739273	65.47078705	27.58324623	30.16816711
783	51.11831665	47.37634659	38.43991089	101.3642426	31.71911812	74.55493164
784	55.68554306	49.51813507	49.29657364	87.11025238	39.25231171	88.43964386
785	59.5161171	21.67485809	61.85189819	33.12236023	49.59199142	56.31278229
786	60.17910385	-3.21422553	76.40129852	7.71629238	42.42807007	22.85653687
787	57.89548874	18.94222832	78.46923828	6.9038887	28.54335976	31.05442429
788	58.70580292	56.97747803	52.1769104	7.49472761	37.03666687	52.39847565
789	56.64318466	67.39100647	31.27598953	26.18000412	71.30532074	48.41031265
790	52.14962387	59.93167114	46.26852417	61.99960709	92.50165558	24.77676201
791	44.5621376	58.74999237	69.38509369	80.02018738	75.36733246	24.18592262
792	40.36323547	61.03949356	64.80609131	70.93604279	52.1769104	50.03512192
793	36.97464752	60.67021942	27.95252037	57.42060471	50.18283081	68.05570221
794	35.50134659	59.63624954	-1.8109833	56.97747803	52.54618454	62.73815536
795	34.17538071	62.36888123	15.32334137	51.21679688	48.41031265	51.51221848
796	33.29140091	63.47670364	59.48854065	25.36760139	52.84160614	48.26260376
797	26.9562149	62.66429901	80.68488312	8.8241148	66.8001709	54.46641159
798	16.12746811	63.03357315	71.82230377	33.49163437	73.52096558	67.16944885
799	3.97275329	67.09558868	64.36296082	68.20341492	68.79425049	79.57705688
800	0.65783101	68.20341492	72.85626984	77.73069	66.28318787	86.66712189
801	4.56207275	67.24330139	79.94633484	64.51067352	74.62878418	117.8338699
802	8.31898499	69.23738098	72.7824173	66.72631836	85.85472107	160.300415
803	9.27662945	76.32744598	63.03357315	89.39975739	86.51941681	133.4911041
804	13.91752052	81.34957886	80.24175262	94.79116058	65.2492218	57.27289581
805	17.23244286	80.75873566	129.0598145	71.89615631	33.27006912	40.72940826
806	17.8954277	75.51504517	154.1704559	61.70418549	46.7855072	80.68488312
807	17.37977219	72.63470459	120.8619232	78.54309082	119.754097	97.30222321
808	20.32637024	67.76028442	76.25359344	93.4617691	150.4777222	78.02610779
809	20.40003586	61.70418549	67.61257172	86.22399902	73.07783508	64.51067352
810	17.08511353	68.4988327	82.82667542	76.0320282	5.05751753	44.56986237
811	12.4442215	84.74690247	92.13238525	78.83850861	38.88303757	11.70445442
812	11.41291237	85.78086853	91.24612427	87.33181763	96.26825714	13.10769653
813	9.71861839	73.44710541	88.73506165	90.28601074	97.00680542	59.7101059
814	10.52893353	67.24330139	100.1087112	91.09841919	67.02173615	109.2667084
815	10.38160324	74.85034943	126.1056137	93.9048996	58.23300934	115.0273895
816	10.52893353	84.59918976	136.6668549	95.38199615	77.1398468	63.91983032
817	9.35029411	90.95070648	116.3567734	92.72322083	107.7896118	18.72066498
818	11.63390732	92.28009033	96.04669189	104.7615662	111.8516312	27.58324623
819	12.4442215	89.76902771	95.08657837	138.2916718	80.02018738	57.71602631
820	11.92856693	85.11617279	104.0968704	155.6475525	60.22708893	63.2551384
821	8.6136446	79.13393402	105.8693848	123.8899689	72.7824173	54.09713745
822	6.18270159	75.81046295	102.1766434	89.62132263	86.07628632	57.12518692
823	1.46814537	83.56522369	100.8472595	92.3539505	74.92420197	77.21370697

	AO	AP	AQ	AR	AS	AT
765	-3.14037061	336.6491089	14.41360188	45.07778931	36.99920273	12.17220211
766	41.76337814	333.2605286	29.18457222	42.91695404	35.84511566	11.90140057
767	38.80918503	332.3765564	45.65420151	35.84511566	32.3583107	30.7097683
768	38.14448929	338.6380615	57.10170364	29.85370255	27.20176506	49.39504623
769	38.80918503	343.8682861	63.89635086	29.01883316	23.7395134	48.95191574
770	-17.54206657	344.60495	71.35569	31.89176559	22.21710396	39.81853104
771	-90.51065826	346.2255554	79.25815582	30.78679085	20.42458916	37.03666687
772	-75.07499695	356.833313	79.77514648	23.44485283	19.14773178	40.53246307
773	-1.95869303	373.334259	72.16809082	15.8573637	20.84202385	41.34486389
774	39.32616806	381.6584168	69.36161041	16.86411858	24.64804649	41.93570709
775	35.55957031	376.0598755	77.63335419	21.43134499	27.96296883	45.30841064
776	36.00270081	368.546051	89.00699615	20.89113426	29.01883316	48.01642227
777	42.64963531	365.0838013	86.05280304	14.33495426	29.70637321	45.0376091
778	26.54927826	372.0083008	73.05435181	12.24778175	33.83161163	39.35078812
779	2.17717862	385.7099609	61.38528442	17.13422203	41.73831177	36.44582748
780	2.9157269	399.1906433	57.84025192	21.72600365	48.88381195	37.45517731
781	9.34109879	403.3895569	60.94215775	22.31532478	52.61616898	39.62158585
782	13.40311527	391.4558411	65.66886902	24.27972221	53.96669388	47.72100449
783	38.80918503	376.3545227	72.9066391	30.63946152	54.9980011	62.39350128
784	73.07783508	370.8296509	85.53582001	39.08637619	53.89302826	61.97498703
785	76.47515869	368.8406982	95.35851288	45.91265869	51.83041	38.88303757
786	55.94350815	363.9051514	96.54019165	49.86601257	51.75674438	26.9677887
787	42.64963531	353.8867188	86.64364624	49.03114319	53.23004532	34.77178574
788	46.04695892	345.9309082	78.22418976	48.02438736	52.78805161	38.88303757
789	46.04695892	343.8682861	82.43391418	48.71192932	50.18522644	41.61566544
790	40.13856888	349.9088135	97.42645264	48.04894257	48.6137085	56.0666008
791	33.34392548	360.8848877	102.8917084	42.22941208	48.04894257	69.38509369
792	30.75900459	367.7357178	83.09860992	34.81380844	46.18276596	65.59387207
793	27.87866592	369.5036926	60.57288361	29.73092842	40.38779068	48.6811142
794	29.87274742	370.0193481	59.76047897	27.17720985	33.85616302	38.26758194
795	34.0086174	368.6933594	66.48126984	24.79537582	31.81810188	42.96967316
796	39.4000206	366.7044067	66.4074173	24.54982758	32.89852142	49.44428253
797	43.38818359	364.4208069	69.06619263	26.09679031	29.38715744	50.7244339
798	52.54618454	361.9898682	82.87704468	27.29998589	21.38223457	56.1158371
799	69.53279877	354.9180298	97.94343567	24.15694809	14.92427444	66.5539856
800	94.42188263	347.2568665	117.4411163	16.59401321	13.45097637	72.93012238
801	126.2533264	342.984314	142.5517578	8.24532032	15.16982365	70.56677246
802	154.7612915	339.0064087	157.1011658	4.73395777	17.06055832	69.58203888
803	155.2782745	330.8295898	160.8677673	6.15814686	18.80396271	76.25359344
804	135.7805939	318.895874	169.3610687	9.81683826	20.64558601	85.46083069
805	122.7082901	306.151825	185.4614258	10.99547768	21.16123962	93.9048996
806	122.8560028	298.4906921	196.3919525	9.91505909	20.40003586	97.12989807
807	120.1972275	294.5127869	190.0404358	9.44851398	19.93349075	90.67990875
808	112.5163193	294.1444397	176.0080109	12.54244137	20.52280998	79.15854645
809	103.3583221	291.9345093	164.1912384	17.99364662	20.57192039	71.8469162
810	95.89897919	287.4409485	154.3685455	22.78186798	17.94453812	75.7858429
811	89.03047943	282.7263794	132.1382294	24.2060585	12.93532085	85.23926544
812	86.81483459	277.1278381	101.9315949	24.84448624	8.83463955	88.11960602
813	82.97438049	271.6766357	94.54611206	29.90281296	7.23856592	84.15605927
814	79.13393402	268.6563721	112.0497131	37.88318253	8.88374901	86.15014648
815	73.96408844	272.1186218	129.3317413	40.31412506	10.70081806	98.28695679
816	65.47078705	283.9050293	137.1603546	36.80276108	10.43071365	105.5493469
817	50.55210495	296.3544006	142.6256256	31.71988106	7.18945599	100.010231
818	40.87712097	305.1205139	153.9992676	28.52773285	5.22505713	97.69611359
819	43.38818359	304.3102112	159.8338013	24.47616196	5.4706068	107.7157593
820	55.94350815	298.2696838	156.5841827	20.08082008	4.75851297	114.9535294
821	68.35112	299.3009949	153.8515625	17.57621384	0.01940163	102.9644318
822	79.2816391	310.0560913	156.1410523	18.92673683	-4.08128023	89.20281219
823	86.22399902	320.7374878	163.8219605	21.38223457	-4.5969348	92.25547791

	AU
765	-7.32547855
766	26.13076782
767	40.55708313
768	41.32024765
769	41.98494339
770	25.53992844
771	-11.43673229
772	-32.26380157
773	-12.32299042
774	23.74279404
775	34.99335098
776	20.66551018
777	5.25446415
778	-3.36193514
779	-7.79322624
780	-3.92815542
781	7.37163639
782	23.71817589
783	48.36107635
784	66.92326355
785	60.79331207
786	40.40937042
787	34.08247375
788	45.16070175
789	55.25419617
790	52.47232819
791	44.29906082
792	44.32367706
793	48.70573425
794	48.38569641
795	44.6437149
796	46.8347435
797	54.88492203
798	64.41220093
799	72.63470459
800	82.45739746
801	106.2386627
802	133.6388092
803	125.0962677
804	86.10090637
805	65.56925964
806	83.44213104
807	112.4178467
808	113.6733856
809	80.31561279
810	48.50878525
811	46.5393219
812	65.39692688
813	79.89709473
814	85.14079285
815	82.40816498
816	68.8434906
817	59.02079391
818	60.10400009
819	60.37479782
820	59.80857849
821	65.07688904
822	74.16104126
823	79.45397186

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
824								.003180	32.92	75.81	7.29	102.18	16.57	89.62
825								.003190	28.50	83.57	10.68	100.85	24.97	92.35
826								.003200	20.25	98.34	17.01	103.51	28.43	112.96
827								.003210	9.87	108.53	18.93	107.27	23.86	114.07
828								.003220	2.06	108.53	14.51	111.19	19.74	101.88
829								.003230	-1.70	105.43	5.89	112.22	17.23	95.23
830								.003240	-3.76	105.28	1.84	110.30	20.40	104.17
831								.003250	-4.43	108.09	2.79	107.86	25.04	114.95
832								.003260	-1.99	109.19	4.93	109.12	26.59	118.57
833								.003270	5.00	108.45	4.93	112.07	20.40	114.29
834								.003280	13.84	109.27	4.19	109.93	14.43	112.96
835								.003290	22.02	115.69	1.91	99.15	14.51	125.37
836								.003300	27.47	122.56	3.53	88.44	21.36	157.27
837								.003310	34.47	122.71	10.75	84.60	26.66	166.73
838								.003320	42.43	115.47	20.62	90.36	32.41	137.48
839								.003330	52.15	112.89	24.23	103.28	34.54	108.90
840								.003340	61.58	117.61	21.80	117.83	30.05	101.88
841								.003350	68.72	125.29	20.40	118.57	20.18	100.99
842								.003360	69.24	127.44	26.00	107.05	19.59	109.41
843								.003370	67.62	124.85	32.26	101.22	26.96	121.53
844								.003380	67.18	121.08	36.31	106.53	35.06	126.99
845								.003390	68.43	119.61	36.24	110.82	33.59	122.12
846								.003400	66.07	121.38	37.56	120.20	29.68	119.02
847								.003410	60.03	126.25	36.83	117.32	28.65	119.31
848								.003420	52.44	130.39	33.29	88.22	34.69	118.72
849								.003430	47.44	131.94	25.41	68.20	38.60	110.30
850								.003440	41.69	141.91	18.34	78.32	39.04	102.62
851								.003450	32.85	165.69	16.42	88.59	35.35	103.80
852								.003460	22.54	170.71	21.43	84.23	33.95	117.76
853								.003470	16.35	140.73	27.47	80.17	33.07	133.64
854								.003480	11.71	110.74	29.31	86.52	33.73	139.33
855								.003490	7.73	107.20	25.78	91.69	35.65	124.63
856								.003500	7.21	113.40	21.06	86.96	38.82	105.28
857								.003510	11.78	110.60	19.59	79.58	37.71	95.75
858								.003520	18.71	103.58	21.95	79.72	34.76	97.60
859								.003530	27.55	105.50	22.90	82.46	32.70	100.99
860								.003540	36.83	111.93	23.20	81.72	34.40	105.20
861								.003550	44.71	113.55	22.39	77.36	36.24	106.76
862								.003560	49.94	108.09	21.21	76.92	35.87	104.54
863								.003570	55.83	103.88	20.69	79.06	32.55	100.26
864								.003580	60.99	106.90	23.71	84.01	31.45	100.11
865								.003590	66.15	113.92	28.43	88.44	30.93	100.03
866								.003600	69.68	116.50	32.41	90.80	31.08	102.03
867								.003610	71.60	115.18	31.08	88.00	28.95	104.98
868								.003620	71.82	113.40	28.95	83.27	29.76	112.59
869								.003630	71.01	114.95	28.06	77.51	31.89	116.14
870								.003640	66.15	116.36	29.90	75.00	36.83	114.73
871								.003650	58.93	117.32	28.58	73.23	38.30	109.71
872								.003660	54.65	118.72	27.40	74.26	36.83	110.60
873								.003670	56.13	121.08	27.40	75.22	34.62	118.65
874								.003680	57.60	120.12	28.13	75.22	37.20	124.92
875								.003690	54.58	116.80	26.29	71.45	40.51	119.24
876								.003700	49.35	114.44	25.11	65.84	42.72	119.53
877								.003710	46.55	112.29	27.99	61.70	40.81	130.76
878								.003720	46.70	109.41	30.57	58.90	40.51	125.00
879								.003730	46.33	108.75	29.39	55.50	39.04	96.34
880								.003740	38.96	110.89	26.22	52.40	36.83	81.28
881								.003750	28.65	111.93	22.17	52.32	34.84	91.39
882								.003760	22.54	108.82	18.85	54.32	36.46	102.99

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
824	-2.29	86.08	-16.14	57.13	6.18	79.28	.003180	310.06	156.14	18.93	89.20	-4.08	74.16	
825	-4.65	74.92	-10.61	77.21	1.47	86.22	.003190	320.74	163.82	21.38	92.26	-4.60	79.45	
826	-3.47	60.15	-3.76	94.13	-3.32	91.39	.003200	318.09	173.20	21.90	104.93	-3.52	81.89	
827	-1.48	72.19	-1.48	97.89	-6.49	91.76	.003210	307.04	182.80	17.55	109.96	-3.15	87.28	
828	-2.80	94.79	-4.28	94.94	-5.01	89.18	.003220	298.86	189.15	12.10	107.20	-4.03	92.97	
829	-5.75	98.19	-6.12	94.20	-1.48	92.72	.003230	296.94	186.94	7.14	104.29	-4.45	95.04	
830	-6.34	81.05	-4.57	91.54	1.32	109.86	.003240	298.27	179.26	6.16	106.58	-3.20	94.15	
831	-3.54	59.05	.51	82.24	.73	129.43	.003250	299.23	174.97	7.80	110.30	-.77	90.24	
832	-1.85	45.68	2.65	74.26	1.62	136.45	.003260	303.65	176.01	9.84	112.29	.81	85.46	
833	-2.66	58.75	1.91	79.28	4.41	127.66	.003270	312.05	178.08	10.11	111.61	1.22	88.56	
834	-3.25	89.62	-.15	89.18	7.51	116.65	.003280	316.91	177.19	10.82	110.72	1.37	98.48	
835	-.59	105.50	1.10	96.79	5.00	105.94	.003290	314.18	170.54	12.81	113.40	1.84	102.74	
836	5.00	100.92	3.46	98.34	7.36	97.45	.003300	311.16	160.65	17.45	122.76	5.27	98.90	
837	9.35	94.72	6.33	95.68	16.94	92.06	.003310	315.21	155.62	23.96	124.68	10.87	94.15	
838	13.40	94.42	5.89	88.66	26.44	93.31	.003320	320.15	154.15	31.82	114.44	15.24	92.13	
839	16.20	90.06	5.45	82.53	26.22	92.87	.003330	320.88	150.82	36.97	108.36	15.96	88.49	
840	16.13	77.80	5.67	78.84	24.30	88.14	.003340	323.68	146.69	37.81	112.44	15.37	81.60	
841	14.43	72.12	5.81	78.10	23.13	75.88	.003350	330.61	147.65	36.43	114.95	14.46	75.37	
842	15.17	77.14	4.19	74.85	23.79	65.54	.003360	338.86	153.11	38.28	114.63	14.38	72.51	
843	17.67	80.68	6.04	72.19	23.57	62.07	.003370	339.60	157.84	42.28	115.86	15.76	71.65	
844	19.15	79.13	10.46	74.26	27.10	63.33	.003380	335.91	161.31	46.18	118.20	18.90	72.24	
845	20.18	79.13	17.01	79.36	32.85	59.56	.003390	333.56	167.22	46.08	117.51	23.35	72.68	
846	20.92	81.20	22.09	77.66	39.26	56.90	.003400	330.68	167.74	44.44	120.20	27.42	71.92	
847	20.47	79.87	27.69	74.70	41.54	61.93	.003410	324.27	161.09	41.84	120.96	29.90	72.17	
848	19.30	80.39	27.84	74.26	38.60	75.81	.003420	317.50	153.56	40.14	112.44	28.58	76.82	
849	17.01	85.41	20.77	73.82	31.23	90.06	.003430	319.04	150.16	37.15	103.48	23.00	83.10	
850	13.18	85.26	13.84	68.35	26.29	95.53	.003440	327.74	152.82	33.02	107.62	17.77	83.05	
851	12.67	75.74	18.12	64.88	24.16	91.47	.003450	332.08	158.87	28.21	119.36	18.31	77.36	
852	18.12	67.76	27.03	67.46	20.84	91.54	.003460	329.06	164.93	25.97	124.23	22.00	75.59	
853	22.98	79.21	30.64	69.31	13.70	99.07	.003470	322.06	166.41	25.63	118.18	22.44	82.53	
854	20.92	108.53	28.06	58.90	8.69	99.96	.003480	320.44	166.55	24.92	112.20	19.22	89.13	
855	14.88	108.38	27.10	43.24	8.25	89.92	.003490	324.49	170.25	23.05	107.84	16.74	80.51	
856	11.85	67.17	28.87	35.12	11.27	86.52	.003500	328.40	174.53	22.36	101.88	17.33	62.94	
857	11.93	39.77	31.97	39.92	10.90	89.33	.003510	331.20	175.42	23.03	95.31	18.26	56.34	
858	11.63	53.95	29.83	43.39	9.42	86.52	.003520	333.41	173.05	25.14	93.63	16.96	61.29	
859	10.31	74.85	27.40	38.07	8.69	75.29	.003530	337.53	172.39	27.72	96.32	15.46	62.74	
860	8.61	73.89	27.77	34.01	12.44	72.19	.003540	343.06	174.09	31.47	99.62	16.27	60.03	
861	6.33	64.07	29.17	41.39	14.21	76.77	.003550	346.67	174.97	34.45	99.22	16.57	60.74	
862	8.32	66.28	25.11	51.29	13.62	82.24	.003560	345.86	176.08	35.67	96.51	15.69	66.60	
863	14.43	75.15	23.13	54.39	11.49	84.16	.003570	339.15	174.97	36.36	94.40	16.35	71.23	
864	20.62	79.72	27.32	53.14	15.39	87.18	.003580	332.82	171.95	38.72	97.01	21.11	73.35	
865	23.35	79.72	31.67	56.68	21.06	88.00	.003590	334.66	168.18	41.84	100.80	25.36	74.80	
866	25.19	78.54	29.90	60.82	27.47	86.59	.003600	339.82	163.45	44.39	103.11	27.52	75.32	
867	28.28	73.96	30.05	60.52	29.46	81.42	.003610	342.10	161.38	43.87	102.72	29.26	71.97	
868	30.64	65.69	34.25	55.50	27.99	77.44	.003620	340.26	159.02	43.51	103.09	30.96	66.21	
869	28.72	58.97	34.84	51.00	23.71	74.33	.003630	340.11	153.70	43.65	102.87	29.09	61.43	
870	22.98	55.06	26.81	45.83	23.42	72.49	.003640	341.14	145.28	44.29	102.03	24.40	57.79	
871	21.36	54.17	20.47	39.77	24.89	65.54	.003650	340.70	140.93	41.93	100.08	22.24	53.16	
872	25.34	50.33	20.62	31.79	27.91	55.13	.003660	341.07	144.25	39.63	101.19	24.62	45.75	
873	28.80	42.21	24.67	27.21	28.58	44.72	.003670	340.92	147.35	39.38	104.98	27.35	38.05	
874	26.81	36.52	23.57	25.81	27.99	39.03	.003680	338.71	145.58	40.98	106.76	26.12	33.79	
875	21.95	37.18	19.88	26.40	26.22	33.71	.003690	335.03	142.26	40.46	102.50	22.68	32.43	
876	19.15	46.64	15.46	31.28	24.23	28.69	.003700	331.27	141.00	39.06	99.94	19.61	35.53	
877	19.88	66.50	11.93	57.57	18.12	25.88	.003710	331.86	144.69	38.45	101.59	16.64	49.99	
878	23.13	69.53	7.80	85.63	11.49	28.47	.003720	330.53	147.65	39.26	97.77	14.14	61.21	
879	25.04	39.77	6.62	69.83	6.70	31.42	.003730	326.63	150.45	38.25	86.86	12.79	47.01	
880	22.83	15.54	7.95	23.45	8.25	33.42	.003740	322.14	153.41	34.00	81.52	13.01	24.14	
881	15.91	24.63	8.69	6.24	9.42	31.87	.003750	321.62	154.44	28.55	85.21	11.34	20.91	
882	9.72	43.09	5.52	21.23	10.60	31.87	.003760	326.19	153.63	25.95	88.71	8.61	32.06	

	AC	AD	AE	AF	AG	AH
824	0.00819	20.25270462	17.01144791	28.42951393	-3.4674058	-3.76206541
825	0.0082	9.86594868	18.92673683	23.86228752	-1.47845232	-1.47845232
826	0.00821	2.05746484	14.50683975	19.73705101	-2.80442119	-4.27771997
827	0.00822	-1.69944715	5.88804197	17.23244286	-5.751019	-6.11934376
828	0.00823	-3.76206541	1.83647001	20.40003586	-6.34033823	-4.57237959
829	0.00824	-4.42504978	2.79411435	25.04092598	-3.5410707	0.51050109
830	0.00825	-1.99410689	4.93039751	26.58789063	-1.84677696	2.64678431
831	0.00826	5.00406265	4.93039751	20.40003586	-2.66709138	1.91013503
832	0.00827	13.84385586	4.193748	14.43317509	-3.24641085	-0.15248336
833	0.00828	22.02066422	1.91013503	14.50683975	-0.594473	1.09962061
834	0.00829	27.47187042	3.53076363	21.35767937	5.00406265	3.45709872
835	0.0083	34.47003937	10.74992752	26.66155434	9.35029411	6.33003139
836	0.00831	42.42585373	20.62103081	32.40742111	13.40186596	5.88804197
837	0.00832	52.14962387	24.2306118	34.54370499	16.20113373	5.44605207
838	0.00833	61.57873535	21.79966927	30.05014229	16.12746811	5.66704702
839	0.00834	68.72423553	20.40003586	20.17904091	14.43317509	5.81437683
840	0.00835	69.23989105	25.9985714	19.58972168	15.1698246	4.193748
841	0.00836	67.6192627	32.26008987	26.9562149	17.67443275	6.03537178
842	0.00837	67.17726898	36.31166077	35.05935669	19.14773178	10.45526791
843	0.00838	68.42957306	36.23799896	33.58605957	20.17904091	17.01144791
844	0.00839	66.07229614	37.56396484	29.68181801	20.91568947	22.09432793
845	0.0084	60.03177261	36.82731628	28.65050888	20.47369957	27.69286346
846	0.00841	52.44428635	33.29140091	34.69103241	19.29506111	27.8401947
847	0.00842	47.43507004	25.40925026	38.59527588	17.01144791	20.76836014
848	0.00843	41.68920135	18.3374176	39.03726578	13.18087101	13.84385586
849	0.00844	32.84941101	16.42212868	35.35401917	12.66521645	18.11642265
850	0.00845	22.53631783	21.43134499	33.95438385	18.11642265	27.02988052
851	0.00846	16.34846306	27.47187042	33.07040405	22.97830772	30.63946152
852	0.00847	11.70757198	29.31349373	33.73339081	20.91568947	28.06118965
853	0.00848	7.72966528	25.77757645	35.64867783	14.87516499	27.10354424
854	0.00849	7.21401072	21.0630188	38.81626892	11.85490227	28.87150383
855	0.0085	11.78123665	19.58972168	37.71129608	11.92856693	31.96543121
856	0.00851	18.70574188	21.9469986	34.76469803	11.63390732	29.82914734
857	0.00852	27.54553413	22.90464401	32.70207977	10.30793858	27.3982048
858	0.00853	36.82731628	23.19930267	34.39637375	8.6136446	27.76652908
859	0.00854	44.70946503	22.38898849	36.23799896	6.33003139	29.16616249
860	0.00855	49.93967819	21.21035004	35.86967087	8.31898499	25.1145916
861	0.00856	55.83287048	20.69469452	32.55474854	14.43317509	23.12563705
862	0.00857	60.98941803	23.71495819	31.44977757	20.62103081	27.32453918
863	0.00858	66.14596558	28.42951393	30.93412209	23.346632	31.67077065
864	0.00859	69.68187714	32.40742111	31.08145142	25.16825722	29.90281296
865	0.0086	71.59716797	31.08145142	28.94516754	28.2821846	30.05014229
866	0.00861	71.81816101	28.94516754	29.75548172	30.63946152	34.24904251
867	0.00862	71.00785065	28.06118965	31.89176559	28.72417259	34.83836365
868	0.00863	66.14596558	29.90281296	36.82731628	22.97830772	26.80888557
869	0.00864	58.92679977	28.57684326	38.30061722	21.35767937	20.47369957
870	0.00865	54.65423203	27.3982048	36.82731628	25.33558655	20.62103081
871	0.00866	56.12753296	27.3982048	34.61737061	28.79783821	24.6726017
872	0.00867	57.60083008	28.13485336	37.19564056	26.80888557	23.56762696
873	0.00868	54.58056641	26.29323006	40.5105629	21.9469986	19.88438034
874	0.00869	49.35035706	25.1145916	42.72051239	19.14773178	15.46448421
875	0.0087	46.55109024	27.98752403	40.80522537	19.88438034	11.92856693
876	0.00871	46.69841766	30.56579781	40.5105629	23.12563705	7.80333042
877	0.00872	46.33009338	29.38715744	39.03726578	25.04092598	6.62469101
878	0.00873	38.96360016	26.21956635	36.82731628	22.83097839	7.95066023
879	0.00874	28.65050888	22.16799355	34.83836365	15.90647411	8.68730927
880	0.00875	22.53631783	18.85307121	36.458992	9.71861839	5.51971722
881	0.00876	20.32637024	16.49579239	37.04831314	7.50867033	2.20479465
882	0.00877	15.31715393	17.37977219	37.26930618	8.98196888	-1.62578213

	AI	AJ	AK	AL	AM	AN
824	-3.32007575	98.33618927	103.5060272	112.9594498	60.15323639	94.12646484
825	-6.48766804	108.5281601	107.2726288	114.067276	72.1915741	97.89305878
826	-5.01436949	108.5281601	111.1869354	101.8812256	94.79116058	94.93886566
827	-1.47845232	105.4262543	112.2209015	95.23429108	98.18848419	94.20031738
828	1.32081544	105.2785492	110.3006744	104.170723	81.05415344	91.54154205
829	0.73149592	108.0850296	107.8634644	114.9535294	59.04541016	82.23583221
830	1.61547518	109.1928558	109.1190033	118.5724182	45.67768478	74.25951385
831	4.41474295	108.4543076	112.0731964	114.2888413	58.74999237	79.2816391
832	7.50867033	109.2667084	109.9314041	112.9594498	89.62132263	89.17819214
833	5.00406265	115.6920776	99.14859772	125.3670654	105.5001144	96.78524017
834	7.36134052	122.560585	88.43964386	157.2723541	100.9211121	98.33618927
835	16.93778229	122.7082901	84.59918976	166.7257843	94.71730042	95.67741394
836	26.44055939	115.47052	90.35987091	137.4792633	94.42188263	88.66120911
837	26.21956635	112.8855972	103.2844696	108.8974381	90.0644455	82.53125763
838	24.30427742	117.6123047	117.8338699	101.8812256	77.80454254	78.83850861
839	23.12563705	125.2932129	118.5724182	100.9949646	72.11772156	78.09996033
840	23.7886219	127.4350052	107.0510635	109.4144211	77.1398468	74.85034943
841	23.56762695	124.8500824	101.2165299	121.5266113	80.68488312	72.1915741
842	27.10354424	121.0834885	106.5340805	126.9918747	79.13393402	74.25951385
843	32.84941101	119.6063843	110.8176575	122.1174545	79.13393402	79.35549927
844	39.25825882	121.3789063	120.1972275	119.0155487	81.20186615	77.65683746
845	41.54187393	126.2533264	117.3168869	119.3109665	79.8724823	74.70263672
846	38.59527588	130.3891907	88.21807861	118.7201309	80.38946533	74.25951385
847	31.22878075	131.940155	68.20341492	110.3006744	85.41159058	73.81638336
848	26.29323006	141.910553	78.32152557	102.6197739	85.2638855	68.35112
849	24.15694809	165.6918182	88.58734894	103.8014526	75.73661041	64.87994385
850	20.84202385	170.7139435	84.2299118	117.7600174	67.76028442	67.46486664
851	13.69652557	140.7288818	80.16790009	133.6388092	79.20778656	69.31123352
852	8.68730927	110.7438049	86.51941681	139.3256378	108.5281601	58.89770126
853	8.24532032	107.1987763	91.68925476	124.6285172	108.3804474	43.2404747
854	11.26558208	113.4025803	86.9625473	105.2785492	67.16944885	35.11643982
855	10.8972578	110.5960999	79.57705688	95.75127411	39.76929474	39.91700745
856	9.42395878	103.5798874	79.72476959	97.59764099	53.94942856	43.38818359
857	8.68730927	105.5001144	82.45739746	100.9949646	74.85034943	38.07063675
858	12.4442215	111.9254837	81.71884918	105.204689	73.8902359	34.0086174
859	14.21218014	113.550293	77.36141205	106.7556458	64.06754303	41.394104
860	13.62286091	108.0850296	76.91828918	104.5400009	66.28318787	51.29065323
861	11.48657703	103.8753052	79.06007385	100.2564163	75.14576721	54.39255524
862	15.39081955	106.9033508	84.00835419	100.1087112	79.72476959	53.13702393
863	21.0630188	113.9195633	88.43964386	100.0348511	79.72476959	56.68205643
864	27.47187042	116.5044861	90.80299377	102.0289307	78.54309082	60.81792831
865	29.46082306	115.1750946	87.99651337	104.9831314	73.96408844	60.52251053
866	27.98752403	113.4025803	83.26980591	112.5901794	65.69234467	55.50037766
867	23.71495819	114.9535294	77.50912476	116.1352081	58.97155762	50.99523544
868	23.42029762	116.3567734	74.99806213	114.7319717	55.05725098	45.82539368
869	24.89359665	117.3168869	73.22554016	109.7098389	54.1709938	39.76929474
870	27.91385841	118.7201309	74.25951385	110.5960999	50.3305397	31.79297256
871	28.57684326	121.0834885	75.21962738	118.6462784	42.20650482	27.21397209
872	27.98752403	120.1233749	75.21962738	124.9239349	36.51968384	25.81072998
873	26.21956635	116.7999039	71.45302582	119.237114	37.18437576	26.40156937
874	24.2306118	114.4365463	65.84005737	119.5325317	46.63779831	31.27598953
875	18.11642265	112.2947617	61.70418549	130.7584686	66.50475311	57.5683136
876	11.48657703	109.4144211	58.89770126	124.9977951	69.53279877	85.63315582
877	6.69835615	108.7497253	55.50037766	96.34210968	39.76929474	69.82821655
878	8.24532032	110.8915176	52.39847565	81.27571869	15.54490662	23.44737434
879	9.42395878	111.9254837	52.32461929	91.39383698	24.62905312	6.23919535
880	10.60259819	108.8235779	54.3187027	102.9890442	43.09276581	21.23172951
881	10.30793858	107.494194	54.90954208	99.81328583	44.42215347	31.42369843
882	11.48657703	109.7098389	62.88586426	95.52970886	37.18437576	22.85653687

	AO	AP	AQ	AR	AS	AT
824	91.39383698	318.0855713	173.2015228	21.89788818	-3.51651573	104.9338913
825	91.7631073	307.0358276	182.8026581	17.55165863	-3.14819098	109.9560242
826	89.17819214	298.8590088	189.1541748	12.10045147	-4.0321703	107.1987763
827	92.72322083	296.9437256	186.9385223	7.14034605	-4.44960499	104.2938156
828	109.8575516	298.2696838	179.2576294	6.15814686	-3.19730091	106.583313
829	129.4290772	299.2273254	174.9740448	7.80333042	-0.7663579	110.3006744
830	136.4452972	303.6472168	176.0080109	9.84139347	0.80516082	112.2947617
831	127.6565628	312.045044	178.075943	10.11149883	1.22259557	111.6054459
832	116.6521912	316.9069214	177.189682	10.82359314	1.36992538	110.7191849
833	105.9432373	314.1813049	170.5427551	12.81254673	1.83647013	113.4025803
834	97.44993591	311.1610413	160.6462097	17.45343781	5.27416706	122.7575302
835	92.05853271	315.212616	155.6240692	23.96050644	10.8727026	124.6777573
836	93.31406403	320.1481628	154.1469727	31.81810188	15.24348927	114.436554
837	92.87093353	320.8848267	150.8235016	36.97464752	15.95558357	108.355835
838	88.14422607	323.684082	146.6876373	37.80951691	15.36626434	112.4424667
839	75.88431549	330.6086121	147.6477509	36.4344368	14.45772934	114.9535294
840	65.54463959	338.8590698	153.1130066	38.27606201	14.38406467	114.6334992
841	62.07345963	339.5957336	157.8397217	42.27852249	15.75914383	115.8644104
842	63.32899475	335.9124756	161.3108978	46.18276215	18.90218163	118.2031479
843	59.562397	333.5552063	167.2192841	46.08454514	23.34663391	117.5138321
844	56.90362167	330.682251	167.7362671	44.43936157	27.4227581	120.1972275
845	61.92575073	324.273407	161.089325	41.83653259	29.90281296	120.9603958
846	75.81046295	317.4962463	153.5561371	40.14223862	28.57684326	112.4424667
847	90.0644455	319.0432129	150.1588135	37.14653015	23.00286293	103.4814148
848	95.52970886	327.7356567	152.8175812	33.02129364	17.77265167	107.6172867
849	91.46768951	332.0819092	158.8736877	28.20851898	18.3128624	119.3602066
850	91.54154205	329.0616455	164.9297791	25.97401619	21.99610901	124.2346268
851	99.07473755	322.0634766	166.4068756	25.63024521	22.43809891	118.1785278
852	99.96099854	320.4428406	166.554596	24.91815186	19.22139549	112.1962891
853	89.91674042	324.4944153	170.2473297	23.05197334	16.74134254	107.8388519
854	86.51941681	328.3986511	174.5309143	22.36443329	17.33066177	101.8812256
855	89.32589722	331.1979065	175.4171753	23.02741814	18.26375198	95.30814362
856	86.51941681	333.4078674	173.0538178	25.1391468	16.96233749	93.63410187
857	75.29347992	337.5331116	172.3891296	27.71741867	15.46448421	96.31748962
858	72.1915741	343.0579834	174.0877838	31.4743309	16.27479935	99.61634064
859	76.77057648	346.6675415	174.9740448	34.44548416	16.56945801	99.22245026
860	82.23583221	345.8572388	176.0818634	35.67323303	15.68547916	96.51444244
861	84.15605927	339.153717	174.9740448	36.36077118	16.34846306	94.39726257
862	87.18411255	332.8185425	171.9459992	38.71805191	21.11212921	97.00680542
863	87.99651337	334.6601563	168.1793976	41.83653259	25.36013985	100.7980194
864	86.59326935	339.8167114	163.4526825	44.39025116	27.52098083	103.1121368
865	81.4234314	342.1003418	161.3847504	43.87459564	29.26438332	102.7182465
866	77.43527222	340.2586975	159.0213928	43.50627136	30.95867538	103.0875244
867	74.33336639	340.1113892	153.7038422	43.6536026	29.09249878	102.8659515
868	72.48699188	341.1426697	145.2843933	44.29203033	24.40249634	102.0289383
869	65.54463959	340.7006836	140.9269562	41.93475342	22.24165916	100.0840912
870	55.13110352	341.0690308	144.2504273	39.6265831	24.62349129	101.1919174
871	44.71757126	340.9216919	147.3523254	39.38103485	27.34909439	104.9831314
872	39.03074646	338.711731	145.6798187	40.977108	26.12134552	106.7556458
873	33.71319962	335.0285034	142.2563477	40.46145248	22.68364906	102.4966812
874	28.69106865	331.2715759	141.0080807	39.06182098	19.61427689	99.93637848
875	25.88458443	331.8609009	144.6935577	38.44794464	16.64312363	101.5858078
876	28.46950531	330.5349426	147.6477509	39.25825882	14.13851452	97.76997375
877	31.42369843	326.6306763	150.4542389	38.25150681	12.78799057	86.86407471
878	33.41777802	322.1371155	153.408432	34.00349426	13.00898647	81.52190399
879	31.86682701	321.62146	154.4423981	28.55228806	11.3392477	85.21464539
880	31.86682701	326.1886902	153.6299896	25.94946098	8.6136446	88.71044159
881	31.86682701	330.3876038	152.891449	24.62349129	6.67380142	87.40567017
882	34.89487839	331.0505981	152.5960236	23.3220768	6.28092146	89.37513733

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824	81.89118195
825	87.28257751
826	92.96940613
827	95.03733826
828	94.1510849
829	90.23677063
830	85.46083069
831	88.56272888
832	98.48390198
833	102.7428665
834	98.90241241
835	94.1510849
836	92.13238525
837	88.48887634
838	81.59575653
839	75.36733246
840	72.51161194
841	71.64997101
842	72.24081421
843	72.6839447
844	71.92077637
845	72.16695404
846	76.81981659
847	83.09747314
848	83.04824066
849	77.36141205
850	75.58889771
851	82.53125
852	89.12895203
853	80.51255798
854	62.93510056
855	56.33739853
856	61.28567505
857	62.73815536
858	60.03014374
859	60.74407578
860	66.60322571
861	71.23146057
862	73.34863281
863	74.80111694
864	75.31809998
865	71.97000885
866	66.20933533
867	61.43338776
868	57.78987885
869	53.16164398
870	45.75153732
871	38.04601669
872	33.78705215
873	32.43304825
874	35.53495026
875	49.98588562
876	61.2118187
877	47.00706863
878	24.13668633
879	20.91169167
880	32.06377411
881	35.90422821
882	31.64526367

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
883								.003770	20.33	107.49	16.50	54.91	37.05	99.81
884								.003780	15.32	109.71	17.38	62.89	37.27	95.53
885								.003790	14.14	109.49	19.22	75.44	36.75	96.27
886								.003800	28.87	105.43	20.33	73.15	38.01	97.82
887								.003810	55.17	104.61	20.03	56.02	38.15	95.97
888								.003820	71.01	107.35	22.24	48.34	38.45	96.49
889								.003830	71.97	109.56	24.23	53.73	38.01	98.56
890								.003840	61.87	108.53	25.11	56.90	39.48	102.92
891								.003850	47.44	106.16	22.09	52.10	41.47	104.47
892								.003860	37.34	102.32	23.13	52.69	45.67	101.07
893								.003870	40.22	99.52	27.10	60.74	46.55	90.51
894								.003880	50.09	96.34	31.52	67.69	44.34	84.97
895								.003890	55.83	94.20	29.98	63.99	41.98	86.74
896								.003900	54.80	93.90	30.27	56.39	45.23	91.10
897								.003910	53.18	95.90	34.47	50.77	50.31	90.58
898								.003920	57.16	94.79	39.33	49.89	53.92	88.14
899								.003930	63.35	89.92	40.07	47.97	51.41	85.04
900								.003940	65.41	86.74	39.33	46.93	48.10	83.42
901								.003950	60.03	85.93	40.81	46.64	46.77	84.38
902								.003960	53.55	82.53	44.49	44.72	50.38	90.21
903								.003970	51.12	76.48	44.93	38.96	53.92	93.02
904								.003980	50.75	69.31	44.64	33.49	54.73	89.33
905								.003990	49.28	65.25	46.55	31.57	52.74	84.60
906								.004000	51.27	64.73	50.46	34.08	53.55	85.49
907								.004010	56.20	62.44	51.41	35.71	54.43	84.89
908								.004020	57.53	57.86	50.38	36.96	54.14	79.43
909								.004030	54.51	56.24	48.76	38.22	49.94	75.00
910								.004040	50.53	58.90	51.27	43.31	45.30	79.28
911								.004050	47.58	61.85	51.41	44.57	40.73	82.46
912								.004060	45.30	60.67	48.47	39.10	39.04	80.46
913								.004070	46.62	58.68	42.20	30.24	37.93	76.33
914								.004080	52.37	59.49	40.07	27.58	38.15	74.70
915								.004090	57.16	60.45	41.10	27.29	40.07	72.86
916								.004100	57.45	61.78	45.96	25.81	46.11	71.31
917								.004110	54.43	75.96	51.41	22.63	49.87	68.65
918								.004120	50.38	97.45	56.94	23.74	50.09	65.84
919								.004130	48.47	94.35	56.50	25.22	45.96	62.00
920								.004140	50.01	73.23	52.15	26.25	41.47	60.74
921								.004150	51.41	74.19	48.17	24.19	37.56	59.19
922								.004160	50.23	88.22	49.94	24.04	38.30	56.90
923								.004170	48.02	76.48	51.12	23.67	40.44	50.92
924								.004180	49.57	48.93	50.01	22.04	40.07	45.01
925								.004190	53.11	41.17	48.32	19.31	38.30	41.91
926								.004200	57.90	55.43	49.72	19.90	42.79	44.27
927								.004210	60.77	68.13	51.56	21.75	47.80	48.56
928								.004220	61.06	64.14	54.29	22.41	47.14	49.74
929								.004230	59.44	49.44	57.16	22.41	41.98	45.68
930								.004240	57.45	40.43	61.06	23.15	40.36	44.35
931								.004250	53.77	41.62	61.28	22.41	41.25	48.63
932								.004260	48.83	44.13	57.09	22.78	40.66	54.84
933								.004270	45.52	42.65	46.62	22.56	37.05	56.46
934								.004280	46.26	40.29	38.96	24.48	34.76	54.69
935								.004290	48.39	40.36	34.91	24.04	34.62	51.73
936								.004300	48.76	39.18	34.18	23.00	37.20	51.22
937								.004310	47.58	36.74	32.41	21.08	36.68	49.67
938								.004320	47.29	33.79	33.14	21.97	34.40	49.30
939								.004330	47.36	32.31	30.79	21.60	31.08	50.40
940								.004340	46.85	30.54	24.67	21.38	34.69	52.99
941								.004350	44.49	29.21	16.57	22.63	41.54	51.36

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
883	7.51	44.42	2.20	31.42	10.31	31.87	.003770	330.39	152.89	24.62	87.41	6.67	35.90	
884	8.98	37.18	-1.63	22.86	11.49	34.89	.003780	331.05	152.60	23.32	89.38	6.28	31.65	
885	8.98	36.89	-4.28	13.99	10.09	39.18	.003790	330.02	151.86	23.37	93.73	4.93	30.02	
886	8.25	43.98	-5.31	13.11	9.20	46.71	.003800	327.81	150.08	29.07	92.13	4.05	34.60	
887	7.29	46.56	-2.80	16.14	10.38	51.07	.003810	324.94	148.83	37.78	85.53	4.95	37.92	
888	8.17	45.01	.07	18.13	17.23	54.61	.003820	322.36	148.68	43.90	84.06	8.49	39.25	
889	11.04	43.24	4.41	21.90	23.20	58.16	.003830	323.68	149.12	44.73	87.28	12.89	41.10	
890	14.29	40.14	9.79	24.19	23.94	62.07	.003840	324.27	144.55	42.16	89.45	16.00	42.13	
891	15.91	33.71	11.27	23.74	20.18	61.26	.003850	322.43	138.27	37.00	87.58	15.78	39.57	
892	15.17	26.18	2.20	19.68	20.03	58.45	.003860	319.56	138.49	35.38	85.36	12.47	34.77	
893	15.91	21.08	-6.34	16.43	22.90	54.76	.003870	317.05	145.58	37.96	83.59	10.82	30.76	
894	17.45	19.24	-6.86	13.11	25.04	50.77	.003880	318.82	151.49	41.98	83.00	11.88	27.71	
895	18.34	16.87	.44	13.99	24.89	45.75	.003890	323.61	150.08	42.60	81.64	14.56	25.54	
896	20.18	14.73	5.89	17.61	26.37	42.13	.003900	326.41	142.55	43.43	80.46	17.48	24.83	
897	23.13	15.54	8.47	22.04	27.99	36.82	.003910	325.97	138.56	45.99	79.08	19.86	24.80	
898	26.59	18.20	8.91	24.19	31.08	28.84	.003920	323.83	139.08	50.14	77.61	22.19	23.74	
899	29.46	19.39	12.96	25.96	36.61	20.27	.003930	325.38	138.19	51.61	74.31	26.34	21.87	
900	32.26	18.87	18.56	25.37	42.28	16.21	.003940	326.63	131.70	50.95	72.36	31.03	20.15	
901	33.88	16.36	23.71	25.96	40.95	14.14	.003950	326.93	128.81	49.20	72.31	32.85	18.82	
902	35.80	14.29	24.08	28.17	35.43	13.70	.003960	323.83	129.33	49.47	72.49	31.77	18.72	
903	36.90	13.85	23.86	32.01	27.99	12.59	.003970	320.59	127.71	49.99	69.48	29.58	19.48	
904	37.05	15.47	20.84	29.28	25.70	15.77	.003980	320.74	121.36	50.04	64.04	27.86	20.17	
905	37.34	15.84	18.26	23.23	25.04	19.98	.003990	326.85	116.33	49.52	60.47	26.88	19.68	
906	41.25	14.95	16.64	15.91	26.37	24.92	.004000	333.78	114.27	51.76	61.43	28.09	18.60	
907	43.90	10.82	19.44	9.86	25.34	24.92	.004010	334.95	114.19	54.02	61.01	29.56	15.20	
908	40.58	3.43	22.17	3.88	26.22	25.59	.004020	330.90	111.61	54.02	58.09	29.66	10.97	
909	33.73	-12.30	24.53	.85	25.63	28.62	.004030	330.09	108.87	51.07	56.49	27.96	5.72	
910	31.23	-35.19	23.86	-3.07	26.22	32.16	.004040	332.38	109.69	49.03	60.50	27.10	-2.03	
911	32.19	-38.89	26.44	-7.57	26.51	30.46	.004050	335.91	119.73	46.58	62.96	28.38	-5.33	
912	32.26	-10.08	33.59	-11.41	31.01	28.40	.004060	336.35	132.14	44.27	60.08	32.26	2.30	
913	30.05	16.06	40.95	-12.89	34.84	25.59	.004070	335.18	134.35	42.25	55.08	35.26	9.59	
914	31.08	11.70	40.36	-14.22	33.22	21.31	.004080	336.65	129.33	43.53	53.92	34.89	6.26	
915	36.24	-2.70	37.42	-10.82	26.51	17.61	.004090	340.33	126.82	46.11	53.53	33.39	1.36	
916	40.95	-5.65	36.46	-6.09	24.23	18.35	.004100	340.33	129.55	49.84	52.96	33.88	2.20	
917	42.65	-4.32	38.30	-2.70	28.21	17.83	.004110	338.86	135.09	51.90	55.75	36.39	3.61	
918	42.94	-10.38	40.14	-2.40	36.24	16.51	.004120	335.10	135.09	52.47	62.34	39.77	1.24	
919	42.87	-19.54	42.72	-.92	37.12	14.29	.004130	335.91	131.33	50.31	60.52	40.90	-2.06	
920	42.43	-22.93	43.02	.55	33.00	15.03	.004140	338.56	123.35	47.88	53.41	39.48	-2.45	
921	43.09	-21.16	44.27	.40	30.93	19.02	.004150	340.33	116.04	45.72	62.52	39.43	-.58	
922	44.71	-20.64	46.77	-1.07	34.47	26.84	.004160	339.30	112.79	46.16	56.39	41.98	1.71	
923	45.74	-24.04	49.94	.04	36.24	32.46	.004170	338.27	116.92	46.53	50.36	43.97	2.82	
924	48.10	-25.89	50.31	2.92	37.49	35.71	.004180	335.69	127.71	46.55	38.66	45.30	4.25	
925	52.44	-24.41	51.27	8.53	38.67	37.11	.004190	332.60	143.22	46.58	34.13	47.46	7.08	
926	57.09	-21.75	51.71	13.55	39.70	39.40	.004200	328.91	146.91	50.14	39.87	49.50	10.40	
927	59.88	-22.93	49.87	17.91	34.84	35.78	.004210	331.79	130.51	53.38	46.15	48.20	10.25	
928	63.42	-24.26	42.28	20.20	32.33	29.36	.004220	340.04	107.62	54.16	45.43	46.01	8.43	
929	68.58	-22.64	37.42	21.90	33.44	20.64	.004230	348.29	95.88	52.86	39.18	46.48	6.63	
930	70.42	-18.87	37.93	20.35	37.12	14.81	.004240	348.21	92.55	52.96	35.98	48.49	5.43	
931	61.73	-15.99	39.63	17.32	35.50	9.41	.004250	345.12	91.81	52.10	37.55	45.62	3.58	
932	50.23	-12.74	36.09	13.77	32.85	7.13	.004260	343.72	91.15	48.86	40.58	39.72	2.72	
933	47.14	-8.53	32.19	11.70	30.42	3.80	.004270	345.78	90.78	43.06	40.56	36.58	2.32	
934	50.38	-6.46	32.33	6.31	35.28	2.77	.004280	346.08	87.60	39.99	39.82	39.33	.87	
935	51.04	-7.87	38.82	-1.59	42.50	.70	.004290	342.84	84.28	39.31	38.71	44.12	-2.92	
936	46.26	-10.60	45.23	-9.94	46.26	-.11	.004300	340.63	87.23	40.04	37.80	45.91	-6.88	
937	38.60	-11.34	46.85	-14.51	41.91	-1.52	.004310	344.24	99.42	38.89	35.83	42.45	-9.12	
938	34.10	-7.57	41.03	-18.80	36.83	-1.07	.004320	349.61	116.41	38.28	35.02	37.32	-9.15	
939	35.35	-2.84	37.56	-21.75	33.44	-.63	.004330	353.89	134.65	36.41	34.77	35.45	-8.41	
940	41.10	-2.25	37.93	-27.66	32.78	-2.25	.004340	351.31	147.06	35.40	34.97	37.27	-10.72	
941	45.89	-5.87	38.37	-31.50	31.08	-6.54	.004350	349.54	155.40	34.20	34.40	38.45	-14.64	

	AC	AD	AE	AF	AG	AH
883	0.00878	14.13851547	19.22139549	36.75365067	8.96196888	-4.27771997
884	0.00879	28.87150383	20.32637024	38.00595474	8.24532032	-5.3090291
885	0.0088	55.16988754	20.03170967	38.15328598	7.26767586	-2.80442119
886	0.00881	71.00785065	22.24165916	38.44794464	8.1716547	0.06851147
887	0.00882	71.96549225	24.2306118	38.00595474	11.04458809	4.41474295
888	0.00883	61.87339783	25.1145916	39.47925568	14.2658448	9.79228401
889	0.00884	47.43507004	22.09432793	41.46820831	15.90647411	11.26558208
890	0.00885	37.3429718	23.12563705	45.66711044	15.1698246	2.20479466
891	0.00886	40.21590424	27.10354424	46.55109024	15.90647411	-6.34033823
892	0.00887	50.08700562	31.52344131	44.34114075	17.45343781	-6.85599279
893	0.00888	55.83287048	29.97647667	41.98386383	18.3374176	0.43683618
894	0.00889	54.80156326	30.27113724	45.22512054	20.17904091	5.88604197
895	0.0089	53.18093491	34.47003937	50.30800247	23.12563705	8.46631432
896	0.00891	57.15884018	39.33192444	53.91758347	26.58789063	8.90830421
897	0.00892	63.34669495	40.068573	51.41297531	29.46082306	12.95987606
898	0.00893	65.40931702	39.33192444	48.09605298	32.26008987	18.55841255
899	0.00894	60.03177261	40.80522537	46.77208328	33.88071823	23.71495819
900	0.00895	53.54925919	44.48847198	50.38166428	35.79600906	24.08328247
901	0.00896	51.11831665	44.93046188	53.91758347	36.9009819	23.86228752
902	0.00897	50.74999237	44.63579941	54.72789764	37.04831314	20.84202365
903	0.00898	49.27669144	46.55109024	52.73894501	37.3429718	18.26375198
904	0.00899	51.26564407	50.4553299	53.54925919	41.24721527	16.64312363
905	0.009	56.20119476	51.41297531	54.43323898	43.89915085	19.44239044
906	0.00901	57.52716446	50.38166428	54.13857651	40.58422852	22.16799355
907	0.00902	54.5069046	48.76103592	49.93967819	33.73339081	24.52527237
908	0.00903	50.52899551	51.26564407	45.29878616	31.22878075	23.86228752
909	0.00904	47.58239746	51.41297531	40.73155975	32.18642426	26.44055939
910	0.00905	45.29878616	48.46637726	39.03726578	32.26008987	33.58605957
911	0.00906	46.62475586	42.20485687	37.93229294	30.05014229	40.9525528
912	0.00907	52.37062073	40.068573	38.15328598	31.06145142	40.36323547
913	0.00908	57.15884018	41.09988403	40.068573	36.23799896	37.41663742
914	0.00909	57.45349884	45.9617691	46.10910034	40.9525528	36.458992
915	0.0091	54.43323898	51.41297531	49.86601257	42.64684677	38.30061722
916	0.00911	50.38166428	56.93784714	50.08700562	42.94150543	40.14223862
917	0.00912	48.46637726	56.49585724	45.9617691	42.86784363	42.72051239
918	0.00913	50.01334	52.14962387	41.46820831	42.42585373	43.01517105
919	0.00914	51.41297531	48.1717186	37.56396484	43.08883667	44.26747513
920	0.00915	50.23433685	49.93967819	38.30061722	44.70946503	46.77208328
921	0.00916	48.02438736	51.11831665	40.43689728	45.74077606	49.93967819
922	0.00917	49.5713501	50.01334	40.068573	48.09605298	50.30800247
923	0.00918	53.10726929	48.31904602	38.30061722	52.44428635	51.26564407
924	0.00919	57.89548874	49.71868134	42.79417801	57.08517456	51.70763397
925	0.0092	60.76842117	51.56030655	47.80339432	59.86444519	49.86601257
926	0.00921	61.06308365	54.28590775	47.14040756	63.42036057	42.27852249
927	0.00922	59.44245529	57.15884018	41.98386383	68.5769043	37.41663742
928	0.00923	57.45349884	61.06308365	40.36323547	70.41853333	37.93229294
929	0.00924	53.77025223	61.28407669	41.24721527	61.72606659	39.6265831
930	0.00925	48.83470154	57.08517456	40.65789413	50.23433685	36.09066772
931	0.00926	45.51977921	46.62475586	37.04831314	47.14040756	32.18642426
932	0.00927	46.25642776	38.96360016	34.76469803	50.38166428	32.33375549
933	0.00928	48.39271164	34.91202927	34.61737061	51.04465103	38.81626892
934	0.00929	48.76103592	34.17538071	37.19564056	46.25642776	45.22512054
935	0.0093	47.58239746	32.40742111	36.67998886	38.59527588	46.8457489
936	0.00931	47.2877388	33.14406967	34.39637375	34.10171509	41.02621841
937	0.00932	47.36140442	30.78679276	31.08145142	35.35401917	37.56396484
938	0.00933	46.8457489	24.6726017	34.69103241	41.09988403	37.93229294
939	0.00934	44.48847198	16.56945801	41.54187393	45.88810349	38.37427902
940	0.00935	41.76286697	16.20113373	43.97281647	43.67815781	34.61737061
941	0.00936	38.59527588	25.48291588	39.47925568	37.49030304	29.53448868

	AI	AJ	AK	AL	AM	AN
883	10.08694363	109.4882736	75.441185	96.26825714	36.88895798	13.99395466
884	9.20296383	105.4262543	73.15168762	97.81920624	43.97902298	13.10769653
885	10.38160324	104.6138535	56.0173645	95.97283936	46.56394196	16.13574409
886	17.23244286	107.3464813	48.33646011	96.48982239	45.01298904	18.12982559
887	23.19930267	109.5621262	53.72786331	98.55775452	43.2404747	21.89642334
888	23.93595314	108.5281601	56.90362167	102.9151917	40.13856888	24.18592262
889	20.17904091	106.1648026	52.10305786	104.4661408	33.71319962	23.74279404
890	20.03170967	102.3243561	52.69389343	101.0688248	26.18000412	19.6807785
891	22.90464401	99.51786804	60.74407196	90.50757599	21.08402061	16.43116379
892	25.04092598	96.34210968	67.68643188	84.96846771	19.23764801	13.10769653
893	24.89359665	94.20031738	63.99368668	86.74098206	16.87429428	13.99395466
894	26.36689568	93.9048996	56.38663864	91.09841919	14.73250294	17.61284256
895	27.98752403	95.89897919	50.7736702	90.58143616	15.54490662	22.04413223
896	31.08145142	94.79116058	49.88740921	88.14422607	18.20368004	24.18592262
897	36.60632324	89.91674042	47.96718597	85.04232025	19.38535881	25.95843887
898	42.27852249	86.74098206	46.93321609	83.41751099	18.86837387	25.36760139
899	40.9525528	85.92857361	46.63779831	84.37762451	16.35730934	25.95843887
900	35.42768478	82.53125763	44.71757126	90.2121582	14.2893734	28.17408562
901	27.98752403	76.47515869	38.95689392	93.01864624	13.84624481	32.01453781
902	25.70391083	69.31123352	33.49163437	89.32589722	15.47105122	29.28190804
903	25.04092598	65.2492218	31.57140923	84.59918976	15.84032536	23.225811
904	26.36689568	64.73223877	34.08247375	85.48545074	14.95406723	15.91418076
905	25.33558655	62.44273376	35.70727921	84.89460754	10.8181963	9.85808277
906	26.21956635	57.8637352	36.96281052	79.42935181	3.43271089	3.87583995
907	25.63024521	56.23892593	38.21834564	74.99806213	-12.29837227	0.84779125
908	26.21956635	58.89770126	43.31433105	79.2816391	-35.19337463	-3.06651568
909	26.51422501	61.85189819	44.56986237	82.45739746	-38.88611603	-7.57166147
910	31.0077858	60.67021942	39.10460281	80.46331787	-10.08272648	-11.41211319
911	34.83836365	58.67613602	30.24202166	76.32744598	16.06188965	-12.8892107
912	33.21773529	59.48854065	27.58324623	74.70263672	11.70445442	-14.21859837
913	26.51422501	60.44865417	27.28782654	72.85626984	-2.69724154	-10.82127476
914	24.2306118	61.77804184	25.81072998	71.30532074	-5.65143538	-6.09456444
915	28.20851898	75.95817566	22.63497162	68.64654541	-4.32204819	-2.69724154
916	36.23799896	97.44993591	23.74279404	65.84005737	-10.37814617	-2.40182209
917	37.12197495	94.34803009	25.21989059	61.99960709	-19.53614616	-0.92472512
918	32.99673843	73.22554016	26.25385857	60.74407196	-22.93346977	0.55237186
919	30.93412209	74.18565369	24.18592262	59.19312286	-21.16095352	0.40466216
920	34.47003937	88.21807861	24.03821373	56.90362167	-20.64397049	-1.07243478
921	36.23799896	76.47515869	23.66893959	50.92137909	-24.04129219	0.03538791
922	37.49030304	48.9272995	22.04413223	45.01298904	-25.88766479	2.9157269
923	38.6689415	41.17253876	19.31150436	41.91108704	-24.41056633	8.52869511
924	39.70024872	55.42652512	19.90234184	44.27444077	-21.75179291	13.55082512
925	34.83836365	68.12955475	21.74871254	48.55802536	-22.93346977	17.90826225
926	32.33375549	64.14139557	22.41340637	49.73970032	-24.26285744	20.19776154
927	33.43872833	49.44428253	22.41340637	45.67768478	-22.63805008	21.89642334
928	37.12197495	40.43399048	23.15195465	44.34829712	-18.87145424	20.34547043
929	35.50134659	41.61566925	22.41340637	48.6318779	-15.99111462	17.31742287
930	32.84941101	44.12673187	22.78268051	54.83568573	-12.74150085	13.77238941
931	30.41846657	42.64963531	22.56111717	56.46049118	-8.53177452	11.70445442
932	35.28035355	40.28628159	24.48134232	54.68797684	-6.46383858	6.31305027
933	42.49951553	40.36013412	24.03821373	51.73378372	-7.86708069	-1.58941877
934	46.25642776	39.17845917	23.00424576	51.21679688	-10.59971046	-9.93501663
935	41.91019821	36.74124908	21.08402061	49.66584778	-11.33825874	-14.51401711
936	36.82731628	33.78705215	21.97027779	49.29657364	-7.57166147	-18.79759789
937	33.43872833	32.3099556	21.60100365	50.40439606	-2.84495115	-21.75179291
938	32.77574539	30.53744125	21.3794384	52.98931503	-2.25411248	-27.66018105
939	31.08145142	29.20805359	22.63497162	51.36450958	-5.87300014	-31.50063324
940	29.38715744	29.87274742	23.74279404	43.68360519	-11.70753288	-35.04566574
941	26.51422501	32.75308609	20.71474648	35.78113556	-18.94530869	-37.55672836

	AO	AP	AQ	AR	AS	AT
883	39.17845917	330.0192871	151.8574829	23.37118721	4.93039751	93.73257446
884	46.71165085	327.8093262	150.0849609	29.06794357	4.04641819	92.13238525
885	51.06908798	324.9364014	148.829422	37.7849617	4.95495272	85.53468323
886	54.61412048	322.3581238	148.6817169	43.89915085	8.49086952	84.05758667
887	58.15915298	323.684082	149.1248474	44.73402023	12.8862114	87.28257751
888	62.07345963	324.273407	144.5458527	42.15574646	16.00469398	89.44898987
889	61.26105881	322.4317932	138.2681885	36.99920273	15.78369904	87.57800293
890	58.45457458	319.5588684	138.4897461	35.37857437	12.4687767	85.36235809
891	54.76182938	317.0542603	145.5798187	37.95684814	10.82359314	83.58983612
892	50.7736702	318.8222046	151.488205	41.98386383	11.87945747	82.99900055
893	45.75154114	323.6104431	150.0849609	42.59773636	14.55595016	81.64499664
894	42.13265228	326.4096985	142.5517578	43.43260574	17.47799301	80.46331787
895	36.81510162	325.9677124	138.5635986	45.98632431	19.85982513	79.08469391
896	28.83877945	323.8314209	139.0805817	50.13611603	22.19254875	77.60759735
897	20.27161598	325.3783875	138.1943359	51.60941315	26.34234047	74.30874634
898	16.20960045	326.6306763	131.6950989	50.94643021	31.032341	72.36390686
899	14.14166355	326.925354	128.8147583	49.20302582	32.84941101	72.31466675
900	13.69853497	323.8314209	129.3317413	49.47313309	31.76899147	72.48699951
901	12.59071255	320.5901794	127.7069397	49.9887886	29.58359718	69.48356628
902	15.76647091	320.7374878	121.355423	50.0378952	27.86474991	64.04292297
903	19.97619629	326.8516846	116.3332901	49.5222435	26.88254929	60.47327423
904	24.92447281	333.7761841	114.265358	51.75674438	28.08574486	61.43338776
905	24.92447281	334.954834	114.1915054	54.01580429	29.55904198	61.0148735
906	25.58916473	330.9032593	111.6065826	54.01580048	29.6572628	58.08530045
907	28.6172142	330.0929565	108.8739548	51.06920624	27.96296883	56.48511124
908	32.1622467	332.3765564	109.6863556	49.03114319	27.10354424	60.49789047
909	30.4635849	335.9124756	119.7306137	46.57564545	28.38040352	62.95972061
910	28.39564896	336.3544617	132.1382294	44.26747513	32.28464508	60.07938004
911	25.58916473	335.1758118	134.3538818	42.25396729	35.28035355	55.08186722
912	21.30558395	336.6491089	129.3317413	43.53082657	34.88747406	53.9248085
913	17.61284256	340.3323669	126.8206787	46.10910034	33.38962173	53.53091812
914	18.35139084	340.3323669	129.5533142	49.84145737	33.88071823	52.96469879
915	17.8344059	338.8590698	135.0924225	51.90407562	36.38532639	55.74656296
916	16.50501823	335.1021729	135.0924225	52.46883774	39.77391434	62.34426117
917	14.2893734	335.9124756	131.3258209	50.30800247	40.90344238	60.52251053
918	15.02792263	338.5644226	123.3495026	47.87705612	39.47925568	53.40782166
919	19.01608467	340.3323669	116.0378723	45.71622086	39.43014526	52.5215683
920	26.84469795	339.3010559	112.7882614	46.15821075	41.98386383	56.38663864
921	32.4576683	338.2697449	116.9241333	46.52653503	43.97281647	50.35515976
922	35.70727921	335.6914673	127.7069397	46.55108643	45.29878616	38.66147232
923	37.11052322	332.5975647	143.2164612	46.57564545	47.45962524	34.13171005
924	39.4000206	328.9143066	146.909195	50.13611603	49.49768448	39.86776733
925	35.78113556	331.7872315	130.5134277	53.37737274	48.1962738	46.14543152
926	29.35576248	340.0377197	107.6184235	54.16313171	46.01087952	45.43149948
927	20.64089012	348.2881775	95.87550354	52.86172104	46.47742462	39.17845917
928	14.80635738	348.2145081	92.55203247	52.95993805	48.49093246	35.97808075
929	9.41495323	345.1206055	91.81348419	52.10051346	45.61800003	37.5536499
930	7.12545347	343.7209473	91.14878845	48.85925674	39.72480392	40.58169937
931	3.80198526	345.7835693	90.77951813	43.06428146	36.58176422	40.55708313
932	2.76801729	346.0782471	87.60375977	39.99490738	39.33192444	39.81853485
933	0.70008153	342.8369751	84.2802887	39.30736923	44.12014389	38.71070862
934	-0.11232179	340.6270447	87.23448181	40.04401779	45.91265869	37.79983521
935	-1.51556396	344.2366028	99.42053223	38.88993454	42.45040894	35.83037186
936	-1.07243478	349.6141663	116.4071503	38.27606201	37.3184166	35.01796722
937	-0.62930572	353.8867188	134.649292	36.40988159	35.45223618	34.77178574
938	-2.25411248	351.3084412	147.0569153	35.40312958	37.26930618	34.96873093
939	-6.5376935	349.5404968	155.4025116	34.19993591	38.44794464	34.4025116
940	-8.67948437	348.8775024	159.3906708	33.97893906	35.89422989	32.43304825
941	-8.45792007	353.4447327	165.299057	34.51914978	31.17967224	29.74965668

	AU
883	30.02045822
884	34.59945679
885	37.92292404
886	39.25231171
887	41.0986824
888	42.13265228
889	39.57234955
890	34.77178574
891	30.75900459
892	27.70633888
893	25.53993034
894	24.82600021
895	24.80138016
896	23.74279404
897	21.87180519
898	20.14852524
899	18.81913757
900	18.72066498
901	19.48383141
902	20.17314339
903	19.6807785
904	18.59757423
905	15.20025063
906	10.96590519
907	5.72221088
908	-2.03254795
909	-5.33139753
910	2.30026984
911	9.58728123
912	6.2638135
913	1.36477542
914	2.20179701
915	3.60503864
916	1.24168336
917	-2.05716586
918	-2.45105839
919	-0.58006889
920	1.70943093
921	2.81725478
922	4.24511385
923	7.07621717
924	10.39968395
925	10.25197601
926	8.43022251
927	6.63308764
928	5.42679119
929	3.58042049
930	2.71878076
931	2.32488847
932	0.87240964
933	-2.91880608
934	-6.88234949
935	-9.12261295
936	-9.1472311
937	-8.40868282
938	-10.72280216
939	-14.6371088
940	-18.47756195
941	-21.65331841

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
942								.004360	41.76	29.87	16.20	23.74	43.97	43.68
943								.004370	38.60	32.75	25.48	20.71	39.48	35.78
944								.004380	36.75	34.45	36.24	17.61	37.12	36.22
945								.004390	35.13	31.05	35.80	16.21	36.90	38.51
946								.004400	33.51	24.92	28.65	15.54	35.28	36.89
947								.004410	31.89	21.82	24.75	13.99	28.72	29.95
948								.004420	35.13	27.66	27.25	14.51	25.34	25.96
949								.004430	40.14	37.63	27.77	16.65	25.19	24.85
950								.004440	45.37	38.44	25.11	18.87	28.50	25.81
951								.004450	47.14	26.40	25.78	19.61	33.51	25.52
952								.004460	42.20	15.84	32.70	19.39	41.10	27.29
953								.004470	33.88	16.58	39.77	18.50	46.26	28.91
954								.004480	34.62	22.04	45.89	19.16	47.07	30.02
955								.004490	46.04	24.11	47.73	19.61	44.78	28.62
956								.004500	50.68	24.63	46.99	20.86	45.59	27.44
957								.004510	45.52	28.25	42.87	19.61	46.26	25.88
958								.004520	43.46	30.09	41.69	17.17	44.78	26.25
959								.004530	48.39	27.88	42.57	14.51	41.91	25.00
960								.004540	49.57	25.07	46.04	13.03	42.65	22.63
961								.004550	41.54	25.37	46.33	9.41	41.03	19.75
962								.004560	34.18	26.48	44.34	7.72	36.83	20.05
963								.004570	36.83	25.00	39.85	6.31	30.93	21.97
964								.004580	44.93	23.89	38.30	7.64	30.27	24.41
965								.004590	48.69	24.26	39.11	9.05	31.08	25.37
966								.004600	47.88	24.78	40.36	11.04	31.97	26.11
967								.004610	47.66	23.96	40.07	10.15	29.31	24.63
968								.004620	48.91	22.71	43.09	7.05	29.02	23.00
969								.004630	46.33	19.90	46.33	1.51	31.67	20.94
970								.004640	42.94	16.73	47.80	-.11	34.76	18.94
971								.004650	45.08	13.85	46.11	-.56	33.44	16.58
972								.004660	54.65	13.85	47.44	-.63	33.51	17.10
973								.004670	60.33	14.66	49.94	-2.92	35.50	17.24
974								.004680	58.12	13.85	51.12	-6.54	36.61	14.88
975								.004690	55.54	10.45	49.72	-10.67	34.99	10.45
976								.004700	58.71	9.41	49.72	-11.41	34.03	8.01
977								.004710	62.46	10.01	50.82	-4.03	34.25	4.98
978								.004720	62.24	10.97	52.74	14.44	36.24	.85
979								.004730	60.47	8.68	52.15	25.29	37.71	-3.29
980								.004740	60.47	.55	50.68	15.91	40.95	-1.96
981								.004750	60.55	-4.91	49.72	.40	41.39	1.29
982								.004760	58.93	1.44	54.51	-.33	39.92	4.02
983								.004770	56.57	10.97	58.63	4.64	36.97	4.32
984								.004780	55.83	10.89	59.37	7.13	35.35	5.72
985								.004790	54.21	5.50	54.80	4.98	33.59	8.16
986								.004800	49.65	4.10	48.17	5.60	33.37	12.00
987								.004810	39.63	5.28	40.73	6.90	32.19	12.96
988								.004820	30.49	7.94	41.62	9.86	30.20	11.34
989								.004830	32.70	11.34	50.38	12.81	25.11	6.17
990								.004840	42.13	11.04	54.36	14.44	22.39	3.21
991								.004850	43.60	5.28	45.30	10.38	21.06	2.03
992								.004860	40.07	.85	35.65	6.76	22.98	2.77
993								.004870	39.41	-.04	35.06	5.13	25.48	2.10
994								.004880	45.81	-.48	41.98	4.54	26.44	2.55
995								.004890	49.28	-4.03	45.96	1.07	23.71	2.92
996								.004900	46.11	-6.39	46.40	.18	23.57	2.47
997								.004910	39.92	-8.46	45.15	2.55	25.78	.40
998								.004920	40.95	-10.82	46.62	4.10	27.84	1.07
999								.004930	45.67	-12.89	46.40	.40	25.92	4.76
1000								.004940	47.66	-7.72	46.62	-2.70	24.60	7.79

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
942	43.68	-11.71	34.62	-35.05	29.39	-8.68	.004360	348.88	159.39	33.98	32.43	35.89	-18.48	
943	37.49	-18.95	29.53	-37.56	26.51	-8.46	.004370	353.44	165.30	34.52	29.75	31.18	-21.65	
944	35.06	-25.74	26.07	-40.51	27.03	-5.87	.004380	359.93	167.29	36.70	29.43	29.39	-24.04	
945	38.30	-30.98	27.77	-40.66	30.64	-5.50	.004390	364.13	156.58	35.94	28.59	32.24	-25.72	
946	39.33	-33.27	31.23	-39.40	38.08	-6.09	.004400	364.86	138.79	32.48	25.79	36.21	-26.26	
947	33.37	-34.09	34.10	-37.11	41.62	-7.72	.004410	368.47	128.30	28.45	21.92	36.36	-26.31	
948	28.58	-30.91	31.82	-34.23	41.32	-5.06	.004420	373.48	119.44	29.24	22.71	33.91	-23.40	
949	33.44	-26.11	27.03	-29.88	37.34	-1.44	.004430	377.16	107.54	31.03	26.38	32.60	-19.14	
950	44.05	-21.97	22.76	-26.77	36.75	2.77	.004440	373.04	90.93	33.00	27.71	34.52	-15.33	
951	52.67	-20.72	22.68	-25.74	36.09	2.62	.004450	369.14	78.08	35.48	23.84	37.15	-14.61	
952	55.10	-19.54	22.76	-26.18	38.67	1.14	.004460	367.96	68.92	38.67	20.84	38.84	-14.86	
953	52.00	-18.65	21.87	-25.59	40.36	-3.44	.004470	368.03	64.49	39.97	21.33	38.08	-15.89	
954	49.35	-19.09	19.07	-23.75	42.87	-3.81	.004480	366.85	65.67	42.52	23.74	37.10	-15.55	
955	47.51	-22.27	19.22	-19.54	42.87	-2.11	.004490	365.23	67.88	46.18	24.11	36.53	-14.64	
956	47.21	-24.26	21.06	-13.70	42.72	-1.74	.004500	365.38	66.04	47.75	24.31	37.00	-13.23	
957	47.80	-23.52	23.13	1.29	41.39	-6.83	.004510	365.82	60.20	44.88	24.58	37.44	-9.69	
958	50.09	-19.31	22.09	20.35	42.43	-9.49	.004520	366.04	52.82	43.31	24.51	38.20	-2.82	
959	52.00	-13.63	21.58	21.60	43.02	-8.01	.004530	368.99	45.28	44.29	22.46	38.87	-.01	
960	52.15	-9.34	24.01	2.18	45.23	-3.95	.004540	371.27	37.16	46.08	20.25	40.46	-3.71	
961	51.41	-7.87	31.08	-11.56	46.85	-2.48	.004550	372.01	33.39	42.97	18.18	43.11	-7.30	
962	51.85	-9.79	33.59	-14.07	48.47	-4.17	.004560	366.78	33.62	38.45	18.08	44.64	-9.34	
963	50.46	-12.22	32.78	-15.84	46.85	-7.87	.004570	362.21	41.15	35.87	17.76	43.36	-11.98	
964	48.10	-10.75	31.82	-22.64	45.08	-8.83	.004580	357.86	40.71	37.83	18.65	41.66	-14.07	
965	46.85	-5.36	33.95	-26.92	44.34	-11.26	.004590	357.72	26.60	39.63	19.56	41.71	-14.51	
966	46.85	-2.62	34.03	-29.88	44.19	-15.70	.004600	359.19	14.49	40.07	20.64	41.69	-16.06	
967	45.52	-5.80	32.85	-32.24	41.10	-20.87	.004610	360.44	18.55	39.01	19.58	39.82	-19.63	
968	44.05	-10.08	31.74	-35.41	38.01	-23.01	.004620	363.39	27.56	40.34	17.59	37.93	-22.83	
969	44.64	-11.41	30.64	-37.41	34.91	-26.18	.004630	370.46	30.37	41.44	14.12	36.73	-25.00	
970	47.29	-11.26	26.96	-39.26	36.90	-28.99	.004640	369.58	27.19	41.84	11.85	37.05	-26.50	
971	48.61	-13.63	27.40	-40.36	38.23	-34.90	.004650	361.18	29.04	41.54	9.96	38.06	-29.63	
972	48.83	-18.72	28.72	-44.20	39.63	-39.11	.004660	352.56	30.37	45.20	10.10	39.06	-34.01	
973	49.42	-24.41	26.51	-51.15	39.04	-42.43	.004670	353.81	28.52	48.59	9.66	38.33	-39.33	
974	51.85	-26.77	24.01	-57.28	43.90	-41.99	.004680	358.97	24.61	48.61	7.40	39.92	-42.01	
975	51.71	-27.81	29.76	-58.31	49.94	-42.87	.004690	362.36	20.62	46.75	3.41	43.80	-43.00	
976	49.65	-30.17	37.86	-58.97	53.33	-42.95	.004700	363.02	17.66	47.48	2.00	46.94	-44.03	
977	46.85	-35.93	41.03	-61.34	51.56	-44.35	.004710	363.98	15.00	49.18	3.65	46.48	-47.21	
978	49.50	-39.77	37.86	-65.18	50.16	-43.98	.004720	365.60	15.30	50.41	8.75	45.84	-49.64	
979	53.48	-40.22	35.13	-65.03	47.88	-45.02	.004730	367.59	17.96	50.11	10.23	45.50	-50.09	
980	56.50	-35.34	33.88	-63.26	48.32	-43.17	.004740	367.29	19.51	50.70	4.84	46.23	-47.26	
981	58.26	-30.17	33.88	-62.82	48.98	-38.89	.004750	369.65	23.28	50.55	-1.07	47.04	-43.96	
982	59.15	-25.22	32.70	-63.48	51.56	-32.53	.004760	371.27	22.91	51.12	1.71	47.80	-40.41	
983	57.45	-21.46	35.35	-56.91	54.14	-27.07	.004770	375.40	20.10	50.73	6.71	48.98	-35.14	
984	54.65	-20.50	40.73	-45.24	56.20	-21.83	.004780	375.84	13.38	50.19	7.91	50.53	-29.19	
985	54.21	-20.87	46.85	-35.27	54.06	-17.39	.004790	373.33	10.35	47.53	6.21	51.71	-24.51	
986	58.19	-19.54	47.44	-31.43	52.08	-12.08	.004800	367.29	11.68	43.73	7.30	52.57	-21.01	
987	63.05	-19.68	46.40	-26.77	52.74	-7.50	.004810	360.30	12.79	37.51	8.38	54.06	-17.99	
988	65.11	-22.05	46.55	-20.27	54.14	-4.47	.004820	353.15	10.43	34.10	9.71	55.27	-15.60	
989	61.87	-23.97	47.66	-16.51	51.41	-3.73	.004830	350.65	9.54	36.07	10.10	53.65	-14.74	
990	56.27	-24.93	47.21	-17.84	49.06	-2.70	.004840	350.35	10.94	39.63	9.56	50.85	-15.15	
991	50.60	-26.18	50.38	-13.48	48.32	-4.84	.004850	353.44	15.00	36.66	5.89	49.77	-14.83	
992	48.76	-28.10	54.14	-3.44	51.41	-8.38	.004860	354.33	16.04	32.90	3.46	51.44	-13.31	
993	50.23	-28.55	55.76	3.21	53.11	-11.56	.004870	355.14	19.29	33.32	2.40	53.03	-12.30	
994	51.85	-25.89	56.94	3.65	53.11	-12.74	.004880	351.38	21.58	38.08	2.20	53.97	-11.66	
995	51.12	-22.79	58.48	5.28	50.31	-17.76	.004890	346.74	24.01	39.65	-.01	53.30	-11.76	
996	48.76	-22.34	57.01	9.19	52.08	-18.50	.004900	343.72	25.64	38.69	-1.24	52.62	-10.55	
997	43.02	-24.63	56.57	17.76	55.10	-15.77	.004910	343.57	28.22	36.95	-1.84	51.56	-7.55	
998	36.97	-23.08	58.48	26.70	56.42	-12.45	.004920	340.92	29.92	38.47	-1.88	50.63	-2.94	
999	32.26	-18.43	60.11	23.37	51.04	-14.59	.004930	336.50	29.63	39.33	-2.57	47.80	-3.21	
1000	31.23	-13.78	57.75	8.90	46.11	-13.33	.004940	335.32	30.37	39.63	-.88	45.03	-6.07	

	AC	AD	AE	AF	AG	AH
942	0.00937	36.75365067	36.23799896	37.12197495	35.05935669	26.07223511
943	0.00938	35.13302231	35.79600906	36.9009819	38.30061722	27.76652908
944	0.00939	33.51239395	28.65050888	35.28035355	39.33192444	31.22878075
945	0.0094	31.89176559	24.74626732	28.72417259	33.36506653	34.10171509
946	0.00941	35.13302231	27.25087547	25.33558655	28.57684326	31.81810188
947	0.00942	40.14223862	27.76652908	25.18625722	33.43672833	27.02988052
948	0.00943	45.37245178	25.1145916	28.50317955	44.04648209	22.75731277
949	0.00944	47.14040756	25.77757645	33.51239395	52.66527939	22.68364906
950	0.00945	42.20485687	32.70207977	41.09986403	55.09622192	22.75731277
951	0.00946	33.88071823	39.77391434	46.25642776	52.00229645	21.87333468
952	0.00947	34.61737061	45.88810349	47.06674194	49.35035706	19.07406616
953	0.00948	46.03543472	47.7297287	44.78313065	47.50873184	19.22139549
954	0.00949	50.67632675	46.99308014	45.59344482	47.21407318	21.0630188
955	0.0095	45.51977921	42.86784363	46.25642776	47.80339432	23.12563705
956	0.00951	43.45716095	41.68920135	44.78313065	50.08700562	22.09432793
957	0.00952	48.39271164	42.57318115	41.91019821	52.00229645	21.57867432
958	0.00953	49.5713501	46.03543472	42.64684677	52.14962387	24.00961685
959	0.00954	41.54187393	46.33009338	41.02621841	51.41297531	31.08145142
960	0.00955	34.17538071	44.34114075	36.82731628	51.85496521	33.58605957
961	0.00956	36.82731628	39.84757996	30.93412209	50.4553299	32.77574539
962	0.00957	44.93046188	38.30061722	30.27113724	48.09805298	31.81810188
963	0.00958	48.68737411	39.1109314	31.08145142	46.8457489	33.95436365
964	0.00959	47.87705994	40.36323547	31.96543121	46.8457489	34.02804947
965	0.0096	47.65606308	40.068573	29.31349373	45.51977921	32.84941101
966	0.00961	48.90836716	43.08883667	29.01883316	44.04648209	31.74443626
967	0.00962	46.33009338	46.33009338	31.67077065	44.63579941	30.63946152
968	0.00963	42.94150543	47.80339432	34.76469803	47.2877388	26.9562149
969	0.00964	45.07778931	46.10910034	33.43872833	48.6137085	27.3962048
970	0.00965	54.65423203	47.43607004	33.51239395	48.83470154	28.72417259
971	0.00966	60.32643127	49.93967819	35.50134659	49.42402267	26.51422501
972	0.00967	58.1164856	51.11831665	36.60632324	51.85496521	24.00961685
973	0.00968	55.53821182	49.71868134	34.98569489	51.70763397	29.75548172
974	0.00969	58.70580292	49.71868134	34.02804947	49.64501572	37.85862732
975	0.0097	62.46271515	50.82365417	34.24904251	46.8457489	41.02621841
976	0.00971	62.24172211	52.73894501	36.23799896	49.49768829	37.85862732
977	0.00972	60.47376251	52.14962387	37.71129608	53.47559357	35.13302231
978	0.00973	60.47376251	50.67632675	40.9525528	56.49585724	33.88071823
979	0.00974	60.54742813	49.71868134	41.39454269	58.26381302	33.88071823
980	0.00975	58.92679977	54.5069046	39.92124557	59.14779282	32.70207977
981	0.00976	56.56952286	58.63214111	36.97464752	57.45349884	35.35401917
982	0.00977	55.83287048	59.36878967	35.35401917	54.65423203	40.73155975
983	0.00978	54.21224213	54.80156326	33.58605957	54.21224213	46.8457489
984	0.00979	49.64501572	48.1717186	33.36506653	58.19015121	47.43507004
985	0.0098	39.6265831	40.73155975	32.18642426	63.05203629	46.403759
986	0.00981	30.49213219	41.61553955	30.19747162	65.11465454	46.55109024
987	0.00982	32.70207977	50.38166428	25.1145916	61.87339783	47.65606308
988	0.00983	42.13119125	54.35957336	22.38898849	56.27486038	47.21407318
989	0.00984	43.60449219	45.29878616	21.0630188	50.60266113	50.38166428
990	0.00985	40.068573	35.64867783	22.97830772	48.76103592	54.13857651
991	0.00986	39.40559006	35.05935669	25.48291588	50.23433685	55.75920868
992	0.00987	45.81443787	41.98386383	26.44055939	51.85496521	56.93784714
993	0.00988	49.27669144	45.9617691	23.71495819	51.11831665	58.48480968
994	0.00989	46.10910034	46.403759	23.56762695	48.76103592	57.01150894
995	0.0099	39.92124557	45.15145493	25.77757645	43.01517105	56.56952286
996	0.00991	40.9525528	46.62475586	27.8401947	36.97464752	58.48480968
997	0.00992	45.66711044	46.403759	25.92490578	32.26008987	60.10543823
998	0.00993	47.65606308	46.62475586	24.59893608	31.22878075	57.74816132
999	0.00994	43.89915085	47.65606308	23.93595314	30.19747162	54.87522888
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942	27.02988052	34.45174789	17.61284256	36.22426224	-25.73995399	-40.51092529
943	30.63946152	31.05442429	16.20960045	38.51376343	-30.9836483	-40.65863419
944	38.07962036	24.92447281	15.54490662	36.88895798	-33.27314758	-39.40310287
945	41.61553955	21.82256889	13.99395466	29.94660187	-34.08555222	-37.11360168
946	41.32087708	27.65710068	14.51093864	25.95843887	-30.90979385	-34.23326111
947	37.3429718	37.62750626	16.65272903	24.85061646	-26.10922813	-29.87582588
948	36.75365067	38.43991089	18.86837387	25.81072998	-21.97335625	-26.77392197
949	36.09066772	26.40156937	19.60692215	25.51531029	-20.71782494	-25.73995399
950	38.6689415	15.84032536	19.38535881	27.28782654	-19.53614616	-26.18308258
951	40.36323547	16.57887459	18.49909973	28.9126339	-16.64988899	-25.5922451
952	42.86784363	22.04413223	19.16379356	30.02045631	-19.09301758	-23.7458725
953	42.86784363	24.11206818	19.60692215	28.6172142	-22.26877594	-19.53614616
954	42.72051239	24.62905312	20.86245537	27.43553734	-24.26285744	-13.70161438
955	41.39454269	28.24794006	19.60692215	25.88458443	-23.52430916	1.29092038
956	42.42585373	30.09431076	17.16971207	26.25385857	-19.31458282	20.34547043
957	43.01517105	27.87866592	14.51093864	24.99832726	-13.62775898	21.60100365
958	45.22512054	25.0721817	13.03384113	22.63497162	9.3441782	2.17717862
959	46.8457489	25.36760139	9.41495323	19.75463295	-7.86708069	-11.55982304
960	48.46637726	26.47542381	7.71629238	20.05005264	-9.78730679	-14.07088852
961	46.8457489	24.99832726	6.31305027	21.97027779	-12.22451687	-15.84340477
962	45.07778931	23.89050484	7.64243746	24.40748787	-10.74742031	-22.63805008
963	44.34114075	24.25977898	9.04567909	25.36760139	-5.35601616	-26.92163277
964	44.19380951	24.77676201	11.03976059	26.10614967	-2.62338662	-29.87582588
965	41.09988403	23.96435928	10.15350246	24.62905312	-5.79914522	-32.23918152
966	38.00595474	22.70882607	7.05159855	23.00424576	-10.08272648	-35.41493988
967	34.91202927	19.90234184	1.51248491	20.93630981	-11.41211319	-37.40901947
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969	38.2269516	13.84624481	-0.55545086	16.57887459	-13.62775898	-40.36321259
970	39.6265831	13.84624481	-0.62930572	17.09585762	-18.72374344	-44.20366669
971	39.03726578	14.65864754	-2.91880608	17.24356842	-24.41056633	-51.1460228
972	43.89915085	13.84624481	-6.5376935	14.88021278	-26.77392197	-57.27597427
973	49.93967819	10.4489212	-10.67356491	10.4489212	-27.80788994	-58.30994415
974	53.32826233	9.41495323	-11.41211319	8.01171112	-30.17124557	-58.97463608
975	51.56030655	10.00579262	-4.02662897	4.98366261	-35.93192291	-61.33798981
976	50.16067123	10.96590519	14.43708324	0.84779125	-39.77237701	-65.17844391
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978	48.31904602	0.55237186	15.91418076	-1.95869303	-35.34108353	-63.25821686
979	48.98203278	-4.9128871	0.40466216	1.29092038	-30.17124557	-62.81509018
980	51.56030655	1.43862998	-0.33388633	4.02354956	-25.22297096	-63.4797821
981	54.13857651	10.96590519	4.83595324	4.31896925	-21.45637321	-56.90670013
982	56.20119476	10.89205074	7.12545347	5.72221136	-20.49625969	-45.23763275
983	54.0649147	5.50064659	4.98366261	8.15942097	-20.86553383	-35.26723099
984	52.07595825	4.09740448	5.79606628	11.99987316	-19.53614616	-31.42677689
985	52.73894501	5.2790823	6.9038887	12.95998669	-19.68385696	-26.77392197
986	54.13857651	7.93785667	9.85808277	11.33517933	-22.0472126	-20.27469635
987	51.41297531	11.33517933	12.81227684	6.16534042	-23.96743774	-16.5080986
988	49.05569839	11.03976059	14.43708324	3.21114635	-24.92755127	-17.83748627
989	48.31904602	5.2790823	10.37506676	2.02946877	-26.18308258	-13.48004913
990	51.41297531	0.84779125	6.75617933	2.76801729	-28.10330963	-3.43579006
991	53.10726929	-0.03846694	5.13137245	2.1033237	-28.54643822	3.21114635
992	53.10726929	-0.48159602	4.54053354	2.54645276	-25.88766479	3.65427542
993	50.30800247	-4.02662897	1.06935585	2.9157269	-22.78576088	5.2790823
994	52.07595825	-6.38998413	0.1830976	2.47259784	-22.34263039	9.19338894
995	55.09622192	-8.45792007	2.54645276	0.40466216	-24.63213158	17.76055145
996	56.42219162	-10.82127476	4.09740448	1.06935585	-23.08118057	26.69698906
997	51.04465103	-12.8892107	0.40466216	4.76209831	-18.42832375	23.3735199
998	46.10910034	-7.71937132	-2.69724154	7.79014683	-13.77546883	8.8979702
999	40.87888718	2.17717862	-1.66327357	6.38690472	-14.29245281	2.25103331
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942	-5.87300014	359.9272461	167.2931366	36.70454025	29.38715744	29.42961693
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944	-6.09456444	364.862793	138.7851715	32.48108673	36.21343994	25.78611183
945	-7.71937132	368.4723816	128.2977753	28.45406914	36.36077499	21.92104149
946	-5.06059647	373.4815979	119.4351959	29.23982811	33.90527344	22.70882607
947	-1.44170904	377.1648254	107.5445633	31.032341	32.60385895	26.37695122
948	2.76801729	373.0396118	90.92722321	32.99674225	34.51914978	27.70633888
949	2.62030768	369.135376	78.07648468	35.47679138	37.14653015	23.84126663
950	1.14321065	367.9567261	68.91847992	38.6689415	38.84082413	20.83783722
951	-3.43579006	368.0303955	64.48719025	39.97035217	38.07962036	21.3302021
952	-3.8050642	366.8517456	65.66886902	42.52407074	37.09742355	23.74279404
953	-2.10640264	365.2311096	67.88451385	46.18276596	36.53265762	24.11206818
954	-1.7371285	365.3784485	66.03813934	47.75428391	36.99920273	24.30901527
955	-6.83311319	365.8204346	60.20360947	44.88135147	37.44119263	24.57981491
956	-9.49188805	366.0414429	52.81812286	43.30982971	38.20239639	24.50596046
957	-8.01479053	368.9880371	45.28492737	44.29203033	38.86537933	22.46264458
958	-3.95277381	371.271637	37.1608963	46.08454514	40.46145248	20.24699783
959	-2.47567701	372.0083008	33.39429855	42.96606064	43.11339188	18.17906189
960	-4.17433834	366.7780762	33.6158638	38.44794464	44.63579941	18.08058929
961	-7.86708069	362.210846	41.14905548	35.86967468	43.35894012	17.76055145
962	-8.82719421	357.864624	40.7059288	37.83407211	41.66464996	18.64681053
963	-11.2644043	357.7172852	26.59965134	39.62658691	41.71375656	19.55768585
964	-15.69569492	359.1905823	14.48745728	40.06857681	41.68920135	20.64089012
965	-20.86553383	360.4429016	18.54947281	39.01271057	39.82302475	19.58230591
966	-23.00732422	363.3894959	27.55976486	40.33868027	37.93228912	17.5882225
967	-26.18308258	370.4613342	30.36624908	41.44365311	36.72909546	14.1170454
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975	-44.35137558	363.9788208	15.00444126	49.17847061	46.47742462	3.65427542
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979	-38.88611603	369.6510315	23.27618408	50.55355072	47.04218674	-1.0724349
980	-32.5345993	371.271637	22.90690994	51.11831665	47.80339432	1.70943105
981	-27.06934166	375.3968811	20.10042572	50.72543716	48.98203278	6.70694256
982	-21.82564735	375.8388672	13.3796339	50.18522644	50.52899551	7.91323853
983	-17.39435577	373.334259	10.35158539	47.53328705	51.70763397	6.21457672
984	-12.07680702	367.2937317	11.68097305	43.72726822	52.56705856	7.29778147
985	-7.49780655	360.2955627	12.78879547	37.51485443	54.0649147	8.38098621
986	-4.46975803	353.1500549	10.42543983	34.10171509	55.26810837	9.71037292
987	-3.73120928	350.6454468	9.53918171	36.06611252	53.64748001	10.10426521
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991	-11.55982304	355.1390381	19.28802109	33.31595612	53.03360367	2.39874315
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993	-17.76362991	346.7412109	24.01473236	39.65113831	53.30371094	-0.01384874
994	-18.50217819	343.7209473	25.63953972	38.6934967	52.61616898	-1.2447629
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996	-12.44608116	340.9216919	29.9231205	38.47249985	50.62721634	-1.8848381
997	-14.58787251	336.5018005	29.62770081	39.33192444	47.80339432	-2.57415009
998	-13.33233929	335.3231506	30.36624908	39.62658691	45.02867889	-0.8754887
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1001								.004950	43.90	2.18	47.66	-1.66	23.94	6.39
1002								.004960	38.30	5.06	49.57	3.21	26.22	5.50
1003								.004970	34.84	-2.40	46.62	3.60	30.79	6.61
1004								.004980	35.65	-9.94	43.90	2.47	34.99	8.82
1005								.004990	39.18	-10.38	42.13	2.62	32.11	7.49
1006								.005000	39.48	-6.46	42.87	5.57	27.91	4.25
1007								.005010	36.31	-3.88	40.95	4.91	26.66	1.59
1008								.005020	34.69	-2.03	39.99	4.10	28.58	2.62
1009								.005030	39.18	1.07	39.33	6.39	27.25	8.01
1010								.005040	46.77	3.80	40.58	10.74	24.45	21.75
1011								.005050	52.44	2.25	39.33	11.41	23.71	33.79
1012								.005060	53.18	-1.59	38.30	13.62	27.55	29.06
1013								.005070	45.67	-4.03	37.42	16.95	29.46	13.26
1014								.005080	31.89	-3.51	35.94	19.46	29.68	9.86
1015								.005090	18.93	-4.32	30.49	19.46	27.25	17.10
1016								.005100	18.85	-5.73	27.91	21.08	24.60	21.60
1017								.005110	27.69	-7.13	30.05	22.27	23.86	18.28
1018								.005120	37.49	-4.84	36.24	24.04	28.36	16.65
1019								.005130	39.55	-.63	37.42	24.92	29.53	16.95
1020								.005140	34.40	2.92	35.50	28.62	20.84	16.87
1021								.005150	27.47	2.77	33.66	32.01	9.28	15.77
1022								.005160	26.66	1.07	34.91	33.27	10.31	17.02
1023								.005170	29.90	2.03	32.70	29.95	21.43	19.53
1024								.005180	30.64	4.91	30.34	28.91	30.86	22.27
1025								.005190	26.44	8.01	29.02	30.54	33.29	21.90
1026								.005200	22.68	8.01	32.26	35.71	34.18	18.87
1027								.005210	23.05	4.54	33.14	39.99	33.73	17.83
1028								.005220	26.96	4.54	31.23	42.65	33.22	22.86
1029								.005230	29.98	7.35	28.87	41.62	30.93	27.58
1030								.005240	31.38	9.05	32.26	42.65	30.93	27.29
1031								.005250	31.97	8.16	35.35	42.80	32.78	22.12
1032								.005260	32.11	8.53	36.75	40.43	35.94	18.57
1033								.005270	31.89	10.23	36.53	34.97	36.24	19.46
1034								.005280	29.90	11.34	35.94	33.86	33.73	23.45
1035								.005290	24.89	8.82	31.30	36.15	32.63	24.19
1036								.005300	22.17	6.31	27.55	40.51	35.72	24.11
1037								.005310	23.05	5.43	27.91	42.21	36.90	27.51
1038								.005320	27.10	8.45	31.82	42.72	35.58	34.53
1039								.005330	27.69	10.97	32.11	43.24	33.29	39.03
1040								.005340	26.44	11.19	31.52	46.64	35.35	39.18
1041								.005350	24.82	9.12	31.30	47.89	37.71	34.45
1042								.005360	27.10	10.01	35.43	45.83	38.82	31.79
1043								.005370	27.25	11.04	38.01	41.32	35.58	31.13
1044								.005380	25.19	11.04	38.23	40.36	31.16	31.28
1045								.005390	24.89	10.89	34.62	40.14	26.66	28.99
1046								.005400	27.84	12.44	31.97	42.50	23.71	27.29
1047								.005410	27.32	14.51	27.69	43.31	21.43	26.99
1048								.005420	23.71	17.10	24.16	44.72	21.06	27.14
1049								.005430	21.36	19.16	21.65	43.24	21.80	24.63
1050								.005440	20.77	19.98	24.60	41.32	22.24	21.82
1051								.005450	19.22	18.87	25.48	36.45	21.95	22.34
1052								.005460	20.25	17.83	24.16	35.12	23.42	26.70
1053								.005470	23.79	16.51	22.39	37.33	24.01	28.03
1054								.005480	25.56	15.99	25.19	40.58	23.86	27.36
1055								.005490	23.27	14.51	25.04	37.26	20.77	26.99
1056								.005500	22.24	15.77	19.52	33.20	17.90	29.06
1057								.005510	23.94	19.02	12.67	34.01	14.80	28.91
1058								.005520	28.58	23.74	12.15	39.03	12.00	26.99
1059								.005530	31.89	25.81	15.17	39.77	7.66	27.07

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	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1001	30.20	-14.29	54.88	2.25	40.88	-11.56	.004950	339.74	35.68	38.50	2.30	41.98	-7.87	
1002	31.08	-15.40	50.90	1.88	40.58	-8.90	.004960	342.98	43.07	38.03	4.59	40.85	-7.47	
1003	30.71	-16.66	47.66	-2.84	41.91	-7.79	.004970	344.60	52.15	37.42	2.67	40.09	-9.10	
1004	30.34	-16.73	45.52	-14.81	42.65	-7.72	.004980	346.08	55.92	38.18	.45	39.50	-13.09	
1005	29.90	-16.80	47.21	-23.01	39.77	-8.68	.004990	350.50	55.11	37.81	-.09	38.96	-16.16	
1006	29.83	-17.03	49.35	-27.00	40.51	-9.34	.005000	347.99	48.68	36.75	1.12	39.90	-17.79	
1007	28.87	-16.14	53.25	-28.92	45.45	-10.08	.005010	338.71	41.59	34.64	.87	42.52	-18.38	
1008	27.32	-11.78	52.74	-34.45	51.41	-7.28	.005020	329.87	39.15	34.42	1.56	43.83	-17.84	
1009	26.59	-2.03	48.61	-38.59	53.55	2.77	.005030	329.72	45.58	35.26	5.16	42.92	-12.62	
1010	27.47	5.57	41.54	-38.81	50.75	26.55	.005040	333.26	53.19	37.27	12.10	39.92	-2.23	
1011	30.05	2.69	39.55	-32.39	42.43	41.98	.005050	338.42	54.81	38.50	15.82	37.34	4.10	
1012	32.48	-1.37	38.82	-26.18	36.46	30.32	.005060	339.45	50.16	39.68	13.70	35.92	.92	
1013	31.08	2.69	39.48	-20.72	35.65	8.60	.005070	340.48	54.52	37.51	8.73	35.40	-3.14	
1014	26.59	6.83	39.70	-16.14	37.56	6.53	.005080	337.46	63.08	32.51	8.60	34.62	-.92	
1015	23.86	3.06	41.17	-9.49	37.20	16.06	.005090	335.62	69.58	25.56	10.74	34.08	3.21	
1016	26.88	-.78	41.54	-4.32	38.52	24.48	.005100	333.11	66.11	23.79	12.32	35.65	6.46	
1017	33.22	2.55	42.35	1.73	37.34	27.44	.005110	332.45	54.37	27.20	11.14	37.64	10.57	
1018	39.77	9.34	42.57	9.64	35.72	31.42	.005120	331.93	40.12	34.03	11.95	39.36	16.80	
1019	42.50	18.57	44.27	19.02	33.29	36.00	.005130	329.21	39.67	35.50	13.75	40.02	24.53	
1020	40.07	34.01	45.96	26.55	35.87	45.97	.005140	324.72	55.03	30.25	16.14	40.63	35.51	
1021	35.21	37.63	48.17	33.12	37.71	58.75	.005150	320.59	66.85	23.47	16.85	40.36	43.17	
1022	35.80	22.49	48.02	37.18	36.46	62.37	.005160	317.94	66.92	23.96	17.12	40.09	40.68	
1023	38.60	7.79	47.44	38.37	31.52	47.38	.005170	317.79	65.52	28.01	17.17	39.18	31.18	
1024	42.13	9.86	47.73	38.65	30.64	33.79	.005180	317.42	66.56	30.61	18.70	40.17	27.44	
1025	44.34	17.39	49.65	41.47	31.45	33.57	.005190	316.02	69.95	29.58	20.15	41.81	30.81	
1026	44.19	21.82	50.01	42.21	32.63	37.11	.005200	310.35	71.06	29.71	20.86	42.28	33.71	
1027	41.17	22.63	51.12	40.14	29.90	31.20	.005210	306.00	73.35	29.98	20.79	40.73	31.33	
1028	41.76	22.63	48.54	34.97	26.96	26.40	.005220	306.45	73.79	30.47	23.35	39.09	28.00	
1029	48.10	22.78	43.97	32.61	25.63	29.36	.005230	312.34	74.61	29.93	25.52	39.23	28.25	
1030	52.37	23.45	41.32	30.46	26.81	35.04	.005240	318.97	78.37	31.52	26.33	40.17	29.65	
1031	50.46	23.60	44.86	28.76	26.81	34.30	.005250	321.70	83.39	33.37	24.36	40.71	28.89	
1032	45.23	24.19	46.55	25.37	30.05	32.46	.005260	320.30	85.02	34.94	22.51	40.61	27.34	
1033	41.32	26.55	46.26	24.48	34.32	33.34	.005270	320.96	86.05	34.89	21.55	40.63	28.12	
1034	42.87	29.50	41.25	21.23	37.56	37.63	.005280	321.33	87.83	33.19	22.88	40.56	29.45	
1035	47.36	31.05	37.56	18.28	36.61	39.99	.005290	320.96	97.28	29.61	23.05	40.51	29.77	
1036	52.96	31.13	37.49	16.21	35.65	43.54	.005300	317.35	102.52	28.48	23.64	42.03	30.29	
1037	54.29	30.32	41.54	18.72	33.29	47.38	.005310	318.09	101.12	29.29	25.05	43.04	32.14	
1038	54.43	29.95	41.91	19.75	31.82	52.40	.005320	320.88	97.50	31.50	28.57	42.72	34.03	
1039	55.39	29.58	38.82	17.76	30.64	54.98	.005330	321.99	99.64	31.03	31.08	41.62	34.11	
1040	58.78	30.91	37.93	15.77	32.04	57.72	.005340	324.42	103.70	31.11	32.33	42.92	34.80	
1041	62.09	31.72	41.54	18.43	30.34	58.23	.005350	331.79	105.62	31.28	30.49	44.66	36.13	
1042	64.82	32.31	44.49	23.74	28.72	59.64	.005360	339.67	106.58	33.78	29.21	46.01	38.56	
1043	62.02	30.39	44.49	28.03	26.22	58.31	.005370	342.54	107.62	33.61	27.83	44.24	38.91	
1044	55.98	28.17	42.87	28.40	28.58	56.53	.005380	335.91	106.29	31.52	27.56	42.47	37.70	
1045	50.23	24.33	41.69	28.32	30.05	54.91	.005390	326.78	106.44	28.72	26.67	40.66	35.85	
1046	50.09	22.49	38.89	30.09	29.46	56.53	.005400	318.09	109.17	27.84	27.41	39.48	36.37	
1047	51.93	21.82	36.68	36.08	25.04	55.35	.005410	315.43	115.96	25.48	28.27	37.88	37.75	
1048	53.77	23.89	36.53	48.26	21.36	54.17	.005420	316.98	119.73	22.98	29.65	37.22	42.11	
1049	53.03	26.92	42.43	64.51	19.88	54.98	.005430	322.51	119.73	21.60	29.01	38.45	48.80	
1050	51.71	28.32	49.35	68.35	22.17	58.75	.005440	328.25	119.73	22.54	27.71	41.08	51.81	
1051	51.04	28.62	54.36	59.27	23.27	59.64	.005450	330.68	124.01	22.22	25.88	42.89	49.17	
1052	53.48	31.42	54.51	53.36	24.89	59.93	.005460	327.88	128.67	22.61	26.55	44.29	48.24	
1053	56.05	35.71	54.29	59.78	24.75	58.60	.005470	325.89	132.06	23.40	27.29	45.03	51.36	
1054	57.01	35.85	53.25	62.89	25.26	57.64	.005480	323.91	131.10	24.87	27.98	45.18	52.13	
1055	54.65	33.64	52.52	58.45	23.71	57.05	.005490	325.89	131.77	23.03	26.25	43.63	49.72	
1056	49.20	34.08	50.53	53.73	22.09	59.49	.005500	328.32	131.10	19.88	26.01	40.61	49.10	
1057	41.91	37.26	50.16	54.76	19.74	59.19	.005510	333.56	130.59	17.13	27.31	37.27	50.40	
1058	38.08	39.25	49.35	54.54	21.06	57.72	.005520	336.65	129.63	17.58	29.92	36.16	50.50	
1059	39.70	40.88	50.68	52.10	24.16	53.06	.005530	336.28	129.92	18.24	30.88	38.18	48.68	

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	AC	AD	AE	AF	AG	AH
1001	0.00996	34.83836365	46.62475586	30.78679276	30.71312714	47.65606308
1002	0.00997	35.64867783	43.89915085	34.98569489	30.34480286	45.51977921
1003	0.00998	39.1845932	42.13119125	32.11276245	29.90281296	47.21407318
1004	0.00999	39.47925568	42.86784363	27.91385841	29.82914734	49.35035706
1005	0.01	36.31166077	40.9525528	26.66155434	28.87150383	53.25460052
1006	0.01001	34.69103241	39.99491119	28.57684326	27.32453918	52.73894501
1007	0.01002	39.1845932	39.33192444	27.25087547	26.58789063	48.6137085
1008	0.01003	46.77208328	40.58422852	24.45160675	27.47187042	41.54187393
1009	0.01004	52.44428635	39.33192444	23.71495819	30.05014229	39.5529213
1010	0.01005	53.18093491	38.30061722	27.54553413	32.46108673	38.81626892
1011	0.01006	45.66711044	37.41663742	29.46082306	31.08145142	39.47925568
1012	0.01007	31.89176559	35.94333649	29.68181801	26.58789063	39.70024872
1013	0.01008	18.92673683	30.49213219	27.25087547	23.86228752	41.17354965
1014	0.01009	18.85307121	27.91385841	24.59893608	26.88254929	41.54187393
1015	0.0101	27.69286346	30.05014229	23.86228752	33.21773529	42.35218811
1016	0.01011	37.49030304	36.23799896	28.35584831	39.77391434	42.57318115
1017	0.01012	39.5529213	37.41663742	29.53448868	42.49951553	44.26747513
1018	0.01013	34.39637375	35.50134659	20.84202385	40.068573	45.9617691
1019	0.01014	27.47187042	33.65972519	9.27662945	35.20668793	48.1717186
1020	0.01015	26.66155434	34.91202927	10.30793858	35.79600906	48.02436736
1021	0.01016	29.90281296	32.70207977	21.43134499	38.59527588	47.43507004
1022	0.01017	30.63946152	30.34480286	30.86045647	42.13119125	47.7297287
1023	0.01018	26.44055939	29.01883316	33.29140091	44.34114075	49.64501572
1024	0.01019	22.68364906	32.26008987	34.17538071	44.19380951	50.01334
1025	0.0102	23.05197334	33.14406967	33.73339081	41.17354965	51.11831665
1026	0.01021	26.9562149	31.22878075	33.21773529	41.76286697	48.54004268
1027	0.01022	29.97647667	28.87150383	30.93412209	48.09805298	43.97281647
1028	0.01023	31.37611198	32.26008987	30.93412209	52.37062073	41.32087708
1029	0.01024	31.96543121	35.35401917	32.77574539	50.4553299	44.85679626
1030	0.01025	32.11276245	36.75365067	35.94333649	45.22512054	46.55109024
1031	0.01026	31.89176559	36.53265762	36.23799896	41.32087708	46.25642776
1032	0.01027	29.90281296	35.94333649	33.73339081	42.86784363	41.24721527
1033	0.01028	24.89359665	31.30244637	32.62841415	47.36140442	37.56396464
1034	0.01029	22.16799355	27.54553413	35.72234344	52.95993805	37.49030304
1035	0.0103	23.05197334	27.91385841	36.9009819	54.28590775	41.54187393
1036	0.01031	27.10354424	31.81810188	35.57501221	54.43323898	41.91019821
1037	0.01032	27.69286346	32.11276245	33.29140091	55.39088058	38.81626892
1038	0.01033	26.44055939	31.52344131	35.35401917	58.77946854	37.93229294
1039	0.01034	24.81993103	31.30244637	37.71129608	62.09439087	41.54187393
1040	0.01035	27.10354424	35.42768478	38.81626892	64.81999207	44.48847198
1041	0.01036	27.25087547	38.00595474	35.57501221	62.02072525	44.48847198
1042	0.01037	25.18825722	38.2269516	31.15511703	55.96020172	42.86784363
1043	0.01038	24.89359665	34.61737061	26.66155434	50.23433685	41.68920135
1044	0.01039	27.8401947	31.96543121	23.71495819	50.08700562	38.88993454
1045	0.0104	27.32453918	27.69286346	21.43134499	51.92863083	36.67998866
1046	0.01041	23.71495819	24.15694809	21.0630188	53.77025223	36.53265762
1047	0.01042	21.35767937	21.65233994	21.79966927	53.03360367	42.42585373
1048	0.01043	20.76836014	24.59893608	22.24165916	51.70763397	49.35035706
1049	0.01044	19.22139549	25.48291588	21.94669986	51.04465103	54.35957336
1050	0.01045	20.25270462	24.15694809	23.42029762	53.47559357	54.5069046
1051	0.01046	23.7886219	22.36898849	24.00961685	56.05386734	54.28590775
1052	0.01047	25.5565815	25.18825722	23.86228752	57.01150894	53.25460052
1053	0.01048	23.27296829	25.04092598	20.76836014	54.65423203	52.51794815
1054	0.01049	22.24165916	19.51605606	17.8954277	49.20302582	50.52899551
1055	0.0105	23.93595314	12.66521645	14.80149937	41.91019821	50.16067123
1056	0.01051	28.57684326	12.14956188	12.0022316	38.07962036	49.35035706
1057	0.01052	31.89176559	15.1698246	7.65600061	39.70024872	50.67632675
1058	0.01053	33.29140091	16.93778229	7.72966528	45.22512054	52.59161377
1059	0.01054	31.4497757	12.51788616	11.19191742	48.1717186	55.83287048

	AI	AJ	AK	AL	AM	AN
1001	41.91019821	-2.40182209	3.80198526	6.60846949	-16.6558075	-2.84495115
1002	42.64684677	-9.93501663	2.47259784	8.8241148	-16.72966194	-14.8094368
1003	39.77391434	-10.37814617	2.62030768	7.49472761	-16.8035183	-23.00732422
1004	40.5105629	-6.46383858	5.57450151	4.24511433	-17.02508163	-26.99548721
1005	45.44611359	-3.87891912	4.90980816	1.58633971	-16.13882446	-28.91571236
1006	51.41297531	-2.03254795	4.09740448	2.62030768	-11.78138828	-34.45482635
1007	53.54925919	1.06935585	6.38690472	8.01171112	-2.03254795	-38.59069824
1008	50.74999237	3.80198526	10.7443409	21.74871254	5.67450151	-38.81226349
1009	42.42585373	2.25103331	11.40903473	33.78705215	2.69416237	-32.38689041
1010	36.458992	-1.58941877	13.62468052	29.06034279	-1.36785424	-26.18308258
1011	35.64867783	-4.02662897	16.94814873	13.25540543	2.69416237	-20.71782494
1012	37.56396484	-3.50964475	19.45921326	9.85808277	6.83003378	-16.13882446
1013	37.19564056	-4.32204819	19.45921326	17.09585762	3.06343675	-9.49188805
1014	38.52161026	-5.7252903	21.08402061	21.60100365	-0.77701545	-4.32204819
1015	37.3429718	-7.12853241	22.26569748	18.27753639	2.54645276	1.73404944
1016	35.72234344	-4.83903217	24.03821373	16.65272903	9.34109879	9.63651848
1017	33.29140091	-0.62930572	24.92447281	16.94814873	18.57295418	19.01608467
1018	35.86967087	2.9157269	28.6172142	16.87429428	34.0086174	26.54927826
1019	37.71129608	2.76801729	32.01453781	15.76647091	37.62750626	33.12236023
1020	36.458992	1.06935585	33.27006912	17.02200317	22.48726273	37.18437576
1021	31.52344131	2.02946877	29.94660187	19.5330677	7.79014683	38.36605453
1022	30.63946152	4.90980816	28.9126339	22.26569748	9.85808277	38.66147232
1023	31.4497757	8.01171112	30.53744125	21.89642334	17.39127731	41.46795654
1024	32.62841415	8.01171112	35.70727921	18.86837387	21.82256889	42.20650482
1025	29.90281296	4.54053354	39.99085999	17.8344059	22.63497162	40.13856888
1026	26.9562149	4.54053354	42.64963531	22.85653687	22.63497162	34.96873093
1027	25.63024521	7.34701777	41.61566925	27.58324623	22.78268051	32.6053772
1028	26.80888557	9.04567909	42.64963531	27.28782654	23.44737434	30.4635849
1029	26.80888557	8.15942097	42.79734421	22.11798859	23.59508514	28.764925
1030	30.05014229	8.52869511	40.43399048	18.57295418	24.18592262	25.36760139
1031	34.32270813	10.22735691	34.96873093	19.45921326	26.54927826	24.48134232
1032	37.56396484	11.33517933	33.86090851	23.44737434	29.50347328	21.23172951
1033	36.60632324	8.8241148	36.1504097	24.18592262	31.05442429	18.27753639
1034	35.64867783	6.31305027	40.50784683	24.11206818	31.12827873	16.20960045
1035	33.29140091	5.42679167	42.20650482	27.50939178	30.31587601	18.72066498
1036	31.81810188	8.45484066	42.72349167	34.52560043	29.94660187	19.75463295
1037	30.63946152	10.96590519	43.2404747	39.03074646	29.57732773	17.76055145
1038	32.03909683	11.18747044	46.63779831	39.17845917	30.90671539	15.76647091
1039	30.34480286	9.11953449	47.89332962	34.45174789	31.71911812	18.42524529
1040	28.72417259	10.00579262	45.82539368	31.79297256	32.3099556	23.74279404
1041	26.21956635	11.03976059	41.32024765	31.12827873	30.38973045	28.02637482
1042	28.57684326	11.03976059	40.36013412	31.27598953	28.17408562	28.39564896
1043	30.05014229	10.89205074	40.13856888	28.98648834	24.33363342	28.32179451
1044	29.46082306	12.4430027	42.50192642	27.28782654	22.48726273	30.09431076
1045	25.04092598	14.51093864	43.31433105	26.99240685	21.82256889	36.07655334
1046	21.35767937	17.09585762	44.71757126	27.14011765	23.89050484	48.26260376
1047	19.88438034	19.16379356	43.2404747	24.62905312	26.9185524	64.51067352
1048	22.16799355	19.97619629	41.32024765	21.82256889	28.32179451	68.35112
1049	23.27296829	18.86837387	36.44582748	22.33955193	28.6172142	59.2669754
1050	24.89359665	17.8344059	35.11643982	26.69698906	31.42369843	53.35858917
1051	24.74626732	16.50501823	37.33208466	28.02637482	35.70727921	59.78396225
1052	25.26192093	15.9880352	40.58169937	27.36168289	35.8549881	62.88586426
1053	23.71495819	14.51093864	37.25823212	26.99240685	33.63934326	58.45457458
1054	22.09432793	15.76647091	33.19621658	29.06034279	34.08247375	53.72786331
1055	19.73705101	19.01608467	34.0086174	28.9126339	37.25823212	54.76182938
1056	21.0630188	23.74279404	39.03074646	26.99240685	39.25231171	54.54026794
1057	24.15694809	25.81072998	39.76929474	27.0662632	40.87712097	52.10305786
1058	29.53448868	25.58916473	37.9967804	29.79889107	41.91108704	49.14886093
1059	32.26008987	24.40748787	35.8549881	29.79889107	40.50784683	46.63779831

	AO	AP	AQ	AR	AS	AT
1001	-7.79322624	344.60495	52.15343094	37.41663742	40.0931282	2.66954422
1002	-7.71937132	346.0782471	55.92002869	38.17784119	39.50381088	0.45389867
1003	-8.67948437	350.4981384	55.10762405	37.80951691	38.96360016	-0.08770362
1004	-9.3441782	347.9935303	48.68225098	36.75365448	39.89669037	1.11859238
1005	-10.08272648	338.711731	41.59218597	34.641922	42.52407074	0.87240958
1006	-7.27624226	329.8719482	39.15497589	34.42092896	43.82548523	1.56172144
1007	2.76801729	329.7246094	45.58034897	35.25579834	42.91695404	5.1559906
1008	26.54927826	333.2605286	53.187397	37.26930618	39.92124557	12.09834671
1009	41.98494339	338.4170837	54.81220245	38.49705505	37.3429718	15.81570625
1010	30.31587601	339.4483948	50.15934753	39.67569733	35.91878128	13.69853497
1011	8.60255051	340.4797058	54.51678467	37.51485825	35.40312958	8.72564125
1012	6.53461456	337.4594421	63.08394623	32.50563812	34.61736679	8.60255051
1013	16.06188965	335.6178284	69.58317566	25.5565815	34.07715988	10.7443409
1014	24.48134232	333.1132202	66.11199951	23.7886219	35.64867783	12.319911
1015	27.43553734	332.4502258	54.36907578	27.20176506	37.63763046	11.13823414
1016	31.42369843	331.9345703	40.11508942	34.02804947	39.35647964	11.95063686
1017	36.00270081	329.2089539	39.67195892	35.5013504	40.01946259	13.74777222
1018	45.97310257	324.7153931	55.0337677	30.24658203	40.63333893	16.135746
1019	58.74999237	320.5901794	66.85054779	23.46940804	40.36323547	16.84967613
1020	62.36888123	317.9382324	66.92440033	23.96050644	40.0931282	17.12047577
1021	47.37634659	317.7908936	65.52115631	28.01207924	39.18459702	17.16971207
1022	33.78705215	317.4225769	66.55512238	30.61490631	40.16679382	18.69604683
1023	33.56549072	316.0229492	69.95244598	29.58359718	41.81197739	20.14852524
1024	37.11052322	310.3507385	71.06027222	29.70637321	42.27852249	20.86245537
1025	31.20213318	306.0045166	73.34976959	29.97647858	40.73155975	20.78859901
1026	26.40156937	306.4465027	73.79290009	30.46757698	39.08637619	23.34890175
1027	29.35576248	312.3396912	74.6053009	29.92736816	39.23370361	25.51531029
1028	35.04258728	318.9695435	78.37190247	31.52344131	40.16679382	26.32771301
1029	34.304039	321.6951294	83.39402771	33.36506653	40.70700455	24.35825157
1030	32.4576683	320.2955017	85.01883698	34.93658447	40.60878372	22.51187897
1031	33.34392548	320.9584961	86.05280304	34.88747406	40.63333893	21.55176735
1032	37.62750626	321.3268127	87.82532501	33.19318008	40.55967331	22.88115311
1033	39.99085999	320.9584961	97.27873993	29.60815239	40.5105629	23.05348206
1034	43.53589249	317.3489075	102.5224381	28.47862434	42.03297424	23.64432144
1035	47.37634659	318.0855713	101.119194	29.28893852	43.03972626	25.04756355
1036	52.39847565	320.8848267	97.50030518	31.49888611	42.72051239	28.56797791
1037	54.98339462	321.9898071	99.64209747	31.03234291	41.61553574	31.07904243
1038	57.71602631	324.4207459	103.7041168	31.10600662	42.91695404	32.33457565
1039	58.23300934	331.7872315	105.6243439	31.27789116	44.66035461	30.48820496
1040	59.63624954	339.6693726	106.5844498	33.78250122	46.01087952	29.20805359
1041	58.30686188	342.5423279	107.6184235	33.61061478	44.24291992	27.82942963
1042	56.53434753	335.9124756	106.289032	31.52344131	42.47496414	27.55862808
1043	54.90954208	326.7780151	106.4367447	28.7241745	40.65789413	26.672369
1044	56.53434753	318.0855713	109.1693726	27.8401947	39.47925568	27.41091919
1045	55.35266876	315.4336243	115.9640198	25.48291588	37.88318253	28.27255821
1046	54.1709938	316.9805908	119.7306137	22.97830772	37.22019577	29.65118217
1047	54.98339462	322.5054627	119.7306137	21.60322952	38.44794464	29.01110649
1048	58.74999237	328.2513123	119.7306137	22.53631783	41.07532883	27.70633698
1049	59.63624954	330.682251	124.0141983	22.21710396	42.89239883	25.88458443
1050	59.93167114	327.8829956	128.6670532	22.60998344	44.29203033	26.54927826
1051	58.60228348	325.894043	132.0643768	23.39574242	45.02867889	27.28782654
1052	57.64216995	323.9050903	131.1042633	24.86904144	45.17601013	27.97713852
1053	57.05133057	325.894043	131.7689514	23.02741814	43.62904739	26.25385857
1054	59.48854065	328.3249817	131.1042633	19.88438034	40.60878372	26.00767708
1055	59.19312286	333.5552063	130.5872803	17.13422394	37.26930618	27.31244469
1056	57.71602631	336.6491089	129.6271668	17.57621193	36.16433334	29.92198181
1057	53.06316757	336.2807922	129.9225922	18.23919678	38.17784119	30.88209534
1058	50.4782486	332.2292175	129.0363312	19.31961632	42.45040894	31.12827873
1059	50.7736702	325.0837402	128.2239227	18.38652611	45.42155838	30.02045631

	AU
1001	-9.0979948
1002	-13.08615685
1003	-16.16344261
1004	-17.78824997
1005	-18.37908745
1006	-17.83748627
1007	-12.61841011
1008	-2.22949457
1009	4.09740496
1010	0.92164642
1011	-3.14037061
1012	-0.92472535
1013	3.21114612
1014	6.46075964
1015	10.5720129
1016	16.80043793
1017	24.53058052
1018	35.51033401
1019	43.16661835
1020	40.68017197
1021	31.17751694
1022	27.43553543
1023	30.80824089
1024	33.71319962
1025	31.32522392
1026	28.00175667
1027	28.24794006
1028	29.65118217
1029	28.88801575
1030	27.33706474
1031	28.12484932
1032	29.45423698
1033	29.77427292
1034	30.29125786
1035	32.13763046
1036	34.03323746
1037	34.10709
1038	34.79640579
1039	36.12578964
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1041	38.90765381
1042	37.70136261
1043	35.8549881
1044	36.37197495
1045	37.75059509
1046	42.10803223
1047	48.80420685
1048	51.80763626
1049	49.17348099
1050	48.23798752
1051	51.36450958
1052	52.1276741
1053	49.71508408
1054	49.09962463
1055	50.40439606
1056	50.50286865
1057	48.6811142
1058	47.17939758
1059	45.97310638

BARBER - R 0002108

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1060								.005540	33.29	25.59	16.94	38.00	7.73	29.80
1061								.005550	31.45	24.41	12.52	35.85	11.19	29.80
1062								.005560	31.52	24.92	7.66	35.71	13.84	28.91
1063								.005570	32.70	22.12	8.98	35.49	10.53	30.83
1064								.005580	35.06	19.02	16.50	37.48	6.33	33.49
1065								.005590	35.80	18.28	22.54	42.80	3.83	33.05
1066								.005600	35.72	18.87	24.30	46.64	3.38	33.49
1067								.005610	33.00	17.54	22.98	42.80	2.35	34.82
1068								.005620	31.08	17.10	23.86	37.78	1.91	36.15
1069								.005630	32.85	17.02	23.42	36.74	-1.63	35.63
1070								.005640	38.45	17.61	23.64	40.36	-6.19	36.00
1071								.005650	41.47	16.28	21.73	40.43	-5.82	38.37
1072								.005660	40.66	16.36	20.92	37.78	.44	41.02
1073								.005670	37.27	17.02	18.85	35.12	2.94	40.29
1074								.005680	35.06	17.76	18.93	37.18	-.15	38.37
1075								.005690	33.66	16.14	18.71	39.55	-4.28	36.08
1076								.005700	33.59	12.37	18.93	41.76	-6.86	30.83
1077								.005710	34.54	8.75	18.78	41.32	-7.52	27.14
1078								.005720	34.91	10.45	22.61	40.66	-3.39	31.50
1079								.005730	29.31	15.10	26.44	40.21	1.76	39.25
1080								.005740	22.24	16.95	26.81	39.84	3.83	41.84
1081								.005750	20.33	14.66	22.24	38.22	2.94	39.10
1082								.005760	26.81	15.25	19.37	39.10	5.67	38.74
1083								.005770	31.16	18.20	19.74	40.43	11.49	42.65
1084								.005780	28.72	20.35	20.33	41.10	16.20	46.86
1085								.005790	22.68	19.46	16.20	39.70	15.10	45.90
1086								.005800	22.02	21.16	11.93	39.18	12.15	42.35
1087								.005810	23.27	23.15	12.52	37.70	9.06	40.73
1088								.005820	24.01	24.48	15.83	36.59	6.26	42.28
1089								.005830	25.19	24.92	15.02	34.23	1.69	43.98
1090								.005840	29.17	26.33	13.11	32.53	-1.99	42.35
1091								.005850	29.68	26.40	11.19	29.80	-1.77	39.70
1092								.005860	28.13	26.99	9.79	29.06	4.41	39.70
1093								.005870	27.10	26.70	8.25	27.88	8.25	40.43
1094								.005880	28.21	25.88	10.31	27.95	5.00	39.33
1095								.005890	28.13	25.37	10.46	27.14	-.01	37.18
1096								.005900	25.48	26.84	8.98	28.99	-.15	36.96
1097								.005910	21.95	27.36	7.21	32.16	-.96	36.89
1098								.005920	19.44	26.62	6.11	33.57	-5.97	34.67
1099								.005930	18.56	27.51	3.31	27.44	-9.66	32.16
1100								.005940	18.71	28.91	2.35	21.82	-6.86	32.46
1101								.005950	19.74	28.54	2.65	22.78	-2.36	34.23
1102								.005960	20.25	28.91	3.83	25.66	1.17	36.45
1103								.005970	18.26	30.76	5.23	24.70	3.68	36.59
1104								.005980	19.52	34.97	9.57	26.40	4.27	35.85
1105								.005990	24.45	35.19	11.19	30.54	.88	35.04
1106								.006000	29.76	34.82	11.78	31.72	-2.07	35.12
1107								.006010	30.93	35.93	12.59	30.39	-3.25	33.79
1108								.006020	31.38	37.92	15.02	30.83	-.82	33.20
1109								.006030	30.71	33.71	14.21	29.65	2.20	33.34
1110								.006040	31.97	28.03	13.55	27.73	3.90	35.12
1111								.006050	33.73	25.96	18.19	26.18	.36	35.93
1112								.006060	36.83	30.39	28.95	27.21	-2.14	36.89
1113								.006070	35.80	35.19	36.61	29.06	-1.33	39.18
1114								.006080	34.84	38.00	36.68	31.42	-.23	43.31
1115								.006090	35.21	34.97	30.34	30.83	-2.66	45.97
1116								.006100	37.56	31.50	25.70	30.39	-2.22	45.90
1117								.006110	39.99	28.91	23.57	28.91	2.79	43.83
1118								.006120	40.07	27.66	25.04	29.87	7.95	42.65

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1060	45.23	41.91	52.59	49.15	29.53	50.48	.005540	332.23	129.04	19.32	31.13	42.45	47.18	
1061	48.17	40.51	55.83	46.64	32.26	50.77	.005550	325.08	128.22	18.39	30.02	45.42	45.97	
1062	49.42	39.77	58.19	43.39	31.60	54.91	.005560	318.82	130.14	17.67	29.85	46.40	46.02	
1063	47.36	40.36	59.22	41.54	27.77	54.24	.005570	318.16	135.61	17.40	29.48	44.78	45.38	
1064	45.15	42.21	56.79	38.66	27.03	49.59	.005580	320.59	139.82	19.30	30.00	42.99	43.49	
1065	46.33	40.43	53.62	34.97	27.55	44.13	.005590	323.91	143.14	20.72	31.37	42.50	39.84	
1066	51.85	39.40	52.22	32.46	29.53	45.97	.005600	323.24	141.30	21.14	33.00	44.54	39.28	
1067	51.27	44.42	52.81	34.01	29.24	49.08	.005610	324.27	137.46	19.44	31.72	44.44	42.50	
1068	40.66	52.77	51.41	34.75	30.05	51.36	.005620	329.58	133.54	18.95	30.34	40.71	46.29	
1069	25.48	50.18	50.60	34.53	30.79	49.44	.005630	335.77	131.33	18.21	29.80	35.62	44.72	
1070	22.68	42.35	49.50	32.09	31.74	46.05	.005640	333.19	130.07	18.63	31.33	34.64	40.16	
1071	30.27	40.29	49.28	30.24	32.33	41.98	.005650	323.32	130.59	19.12	31.69	37.29	37.50	
1072	37.56	45.75	47.58	30.83	34.18	40.43	.005660	319.93	132.14	20.67	31.72	39.77	39.01	
1073	38.23	47.38	47.58	35.71	33.73	40.14	.005670	324.57	135.54	19.69	30.81	39.85	41.07	
1074	38.01	42.65	46.11	37.85	34.03	43.68	.005680	324.79	136.57	17.94	31.10	39.38	41.39	
1075	39.63	39.18	44.34	36.96	33.44	47.01	.005690	321.55	142.18	16.03	30.59	39.14	41.05	
1076	40.51	41.76	42.94	33.64	33.29	49.22	.005700	315.88	146.61	15.22	28.32	38.91	41.54	
1077	37.56	43.83	45.52	34.01	33.14	49.89	.005710	314.99	148.61	15.27	25.74	38.74	42.58	
1078	34.76	43.24	47.51	34.67	34.18	50.63	.005720	314.62	147.65	18.04	27.53	38.82	42.85	
1079	34.84	42.50	46.69	36.45	32.55	50.04	.005730	314.55	149.72	19.17	31.52	38.69	42.99	
1080	38.67	43.83	46.70	36.15	31.08	51.81	.005740	311.09	154.07	17.63	32.88	38.82	43.93	
1081	40.81	43.46	46.11	34.89	31.52	53.58	.005750	307.33	159.02	15.17	30.66	39.48	43.98	
1082	39.48	42.95	46.48	32.16	35.06	54.54	.005760	308.07	163.75	17.28	31.03	40.34	43.22	
1083	35.65	43.98	48.61	33.79	34.84	51.96	.005770	312.41	167.74	20.79	33.76	39.70	43.24	
1084	35.06	48.56	47.66	37.11	35.13	51.59	.005780	314.25	167.44	21.75	36.10	39.28	45.75	
1085	37.42	54.69	46.18	40.73	33.73	51.73	.005790	313.67	166.26	17.99	35.02	39.11	49.05	
1086	38.89	59.41	44.78	42.65	32.63	52.62	.005800	310.35	166.92	15.37	34.23	38.77	51.56	
1087	35.72	57.49	43.60	43.39	30.71	49.22	.005810	308.36	171.87	14.95	33.86	36.68	50.04	
1088	34.47	55.20	41.03	42.35	32.41	42.65	.005820	306.74	174.97	15.37	34.45	35.97	46.74	
1089	35.72	55.20	39.85	42.95	34.32	36.00	.005830	309.10	175.12	13.97	34.38	36.63	44.72	
1090	37.56	56.09	40.14	45.90	37.20	41.02	.005840	313.22	171.21	13.43	33.74	38.30	47.67	
1091	36.31	52.03	41.98	48.56	37.27	49.81	.005850	316.91	167.00	13.03	31.97	38.52	50.13	
1092	36.75	47.60	40.51	47.08	35.28	50.92	.005860	318.90	165.15	14.11	31.92	37.51	48.53	
1093	36.24	43.91	38.45	45.01	32.19	43.61	.005870	320.00	163.90	14.53	31.67	35.62	44.18	
1094	35.06	41.17	37.27	43.24	35.06	40.36	.005880	319.63	161.24	14.51	31.05	35.80	41.59	
1095	32.63	39.25	39.11	44.42	38.37	40.43	.005890	320.44	160.72	12.86	29.90	36.70	41.37	
1096	34.18	42.65	39.77	44.57	37.86	39.84	.005900	320.37	162.20	11.44	30.93	37.27	42.35	
1097	37.49	45.09	37.20	42.80	33.00	39.70	.005910	322.06	165.52	9.40	32.14	35.89	42.53	
1098	41.84	43.98	31.08	38.14	32.85	43.31	.005920	323.83	163.16	6.53	31.62	35.26	41.81	
1099	45.30	43.46	27.25	37.41	37.05	45.90	.005930	327.37	161.24	4.07	29.04	36.53	42.26	
1100	47.58	49.00	22.46	39.40	41.62	47.89	.005940	325.45	160.65	4.73	27.73	37.22	45.43	
1101	49.94	57.57	20.99	41.54	39.92	48.85	.005950	320.30	159.39	6.67	28.52	36.95	49.32	
1102	49.94	62.00	24.75	39.33	37.20	50.40	.005960	316.83	154.89	8.42	30.34	37.29	50.58	
1103	44.19	59.78	31.30	37.48	34.54	51.22	.005970	317.79	151.64	9.06	30.69	36.68	49.49	
1104	40.51	56.39	32.78	36.74	34.91	54.32	.005980	319.26	154.15	11.12	32.41	36.07	49.15	
1105	41.91	54.76	31.67	38.81	33.00	55.57	.005990	320.00	160.06	12.17	33.59	35.53	49.72	
1106	45.23	53.95	32.48	41.47	31.08	55.06	.006000	319.41	162.12	13.16	33.89	36.26	50.16	
1107	42.87	51.36	37.93	44.20	30.49	53.14	.006010	320.74	161.61	13.43	33.37	37.10	49.57	
1108	38.15	48.26	41.69	45.75	33.73	56.17	.006020	320.66	159.32	15.19	33.98	37.86	50.06	
1109	37.78	44.72	40.44	47.45	34.99	58.23	.006030	320.00	160.20	15.71	32.24	37.74	50.13	
1110	42.94	44.64	36.68	50.92	37.27	59.49	.006040	318.82	162.27	16.47	30.29	38.96	51.68	
1111	43.75	44.72	36.97	56.68	39.18	55.94	.006050	319.41	162.57	17.43	29.36	39.97	52.45	
1112	42.28	44.72	39.48	59.12	42.13	52.55	.006060	323.39	160.06	21.21	31.50	41.30	52.13	
1113	41.98	42.95	40.88	59.05	42.43	51.14	.006070	327.66	158.28	23.69	34.48	41.76	51.04	
1114	46.33	43.02	39.85	59.12	42.13	53.28	.006080	327.96	160.65	23.76	37.58	42.77	51.81	
1115	48.76	44.13	41.91	63.18	40.81	53.43	.006090	322.80	162.27	20.96	37.26	43.83	53.58	
1116	47.88	47.01	45.45	65.77	40.51	50.55	.006100	317.05	160.35	20.35	35.93	44.61	54.44	
1117	43.90	49.89	46.85	65.18	38.37	47.08	.006110	317.05	158.87	22.12	33.89	43.04	54.05	
1118	41.84	51.96	43.68	58.01	35.50	49.67	.006120	320.59	157.69	24.35	33.39	40.34	53.21	

	AC	AD	AE	AF	AG	AH
1060	0.01055	31.52344131	7.65600061	13.84385586	49.42402267	58.19015121
1061	0.01056	32.70207977	8.98196888	10.52893353	47.36140442	59.22145844
1062	0.01057	35.05935669	16.49579239	6.33003139	45.15145493	56.7905159
1063	0.01058	35.79600906	22.53631783	3.82542348	46.33009338	53.6229248
1064	0.01059	35.72234344	24.30427742	3.36343382	51.85496521	52.22328949
1065	0.0106	32.99673843	22.97830772	2.35212469	51.26564407	52.81261063
1066	0.01061	31.08145142	23.86228752	1.91013503	40.65789413	51.41297531
1067	0.01062	32.84941101	23.42029762	-1.62578213	25.48291588	50.60266113
1068	0.01063	36.44794464	23.64129257	-6.19300842	22.66364906	49.49768829
1069	0.01064	41.46820831	21.72600365	-5.82468367	30.27113724	49.27669144
1070	0.01065	40.65789413	20.91568947	0.43683618	37.56396484	47.58239746
1071	0.01066	37.26930618	18.85307121	2.94144416	38.2269516	47.58239746
1072	0.01067	35.05935669	18.92673683	-0.15248336	38.00595474	46.10910034
1073	0.01068	33.65972519	18.70574188	-4.27771997	39.6265831	44.34114075
1074	0.01069	33.58605957	18.92673683	-6.85599279	40.5105629	42.94150543
1075	0.0107	34.54370499	18.77940559	-7.51897764	37.56396484	45.51977921
1076	0.01071	34.91202927	22.60998344	-3.39374065	34.76469803	47.50873184
1077	0.01072	29.31349373	26.44055939	1.7628051	34.83836365	48.68737411
1078	0.01073	22.24165916	26.80888557	3.82542348	38.6689415	46.69841766
1079	0.01074	20.32637024	22.24165916	2.94144416	40.80522537	46.10910034
1080	0.01075	26.80888557	19.36872673	5.66704702	39.47925568	46.47742462
1081	0.01076	31.15511703	19.73705101	11.46657703	35.64867783	48.6137085
1082	0.01077	28.72417259	20.32637024	16.20113373	35.05935669	47.65606308
1083	0.01078	22.68364906	16.20113373	15.09615898	37.41663742	46.18276596
1084	0.01079	22.02066422	11.92856693	12.14956188	38.88993454	44.78313065
1085	0.0108	23.27296829	12.51788616	9.0556345	35.72234344	43.60449219
1086	0.01081	24.00961685	15.83280849	6.25636673	34.47003937	41.02621841
1087	0.01082	25.18825722	15.02249432	1.6891402	35.72234344	39.84757996
1088	0.01083	29.16616249	13.10720634	-1.99410689	37.56396484	40.14223862
1089	0.01084	29.68181801	11.19191742	-1.77311206	36.31166077	41.98386383
1090	0.01085	28.13485336	9.79228401	4.41474295	36.75365067	40.5105629
1091	0.01086	27.10354424	8.24532032	8.24532032	36.23799896	38.44794464
1092	0.01087	28.20851898	10.30793858	5.00406265	35.05935669	37.26930618
1093	0.01088	28.13485336	10.45526791	-0.00515347	32.62841415	39.1109314
1094	0.01089	25.48291588	8.98196888	-0.15248336	34.17538071	39.77391434
1095	0.0109	21.9469986	7.21401072	-0.9627977	37.49030304	37.19564056
1096	0.01091	19.44239044	6.10903645	-5.97201347	41.83653259	31.08145142
1097	0.01092	18.55841255	3.30976892	-9.65526104	45.29878616	27.25087547
1098	0.01093	18.70574188	2.35212469	-6.85599279	47.56239746	22.46265411
1099	0.01094	19.73705101	2.64678431	-2.36243153	49.93967819	20.98935509
1100	0.01095	20.25270462	3.82542348	1.17348564	49.93967819	24.74626732
1101	0.01096	18.26375198	5.22505713	3.67809367	44.19380951	31.30244637
1102	0.01097	19.51605606	9.57128906	4.26741314	40.5105629	32.77574539
1103	0.01098	24.45160675	11.19191742	0.87882584	41.91019821	31.67077065
1104	0.01099	29.75548172	11.78123665	-2.06777191	45.22512054	32.48108673
1105	0.011	30.93412209	12.59155178	-3.24641085	42.86784363	37.93229294
1106	0.01101	31.37611198	15.02249432	-0.81546783	38.15328598	41.68920135
1107	0.01102	30.71312714	14.21218014	2.20479465	37.7849617	40.43689728
1108	0.01103	31.96543121	13.54919529	3.89908838	42.94150543	36.67998866
1109	0.01104	33.73339081	18.19008636	0.36317122	43.75181961	36.97464752
1110	0.01105	36.82731628	28.94516754	-2.14143682	42.27852249	39.47925568
1111	0.01106	35.79600906	36.60632324	-1.3311224	41.98386383	40.87888718
1112	0.01107	34.83836365	36.67998886	-0.22614829	46.33009338	39.84757996
1113	0.01108	35.20668793	30.34480286	-2.65709138	48.76103592	41.91019821
1114	0.01109	37.56396484	25.70391083	-2.21510172	47.87705994	45.44611359
1115	0.0111	39.99491119	23.56762695	2.79411435	43.89915085	45.8457489
1116	0.01111	40.068573	25.04092598	7.95066023	41.83653259	43.67815781
1117	0.01112	33.43872833	25.1145916	12.22322655	40.14223862	42.64684677
1118	0.01113	24.30427742	22.97830772	17.23244286	38.44794464	43.08883667

	AI	AJ	AK	AL	AM	AN
1060	31.59710693	24.92447281	35.70727921	28.9126339	39.76929474	43.38818359
1061	27.76652908	22.11798859	35.48571396	30.83285904	40.36013412	41.5418129
1062	27.02988052	19.01608467	37.47979736	33.49163437	42.20650482	38.66147232
1063	27.54553413	18.27753639	42.79734421	33.04850388	40.43399048	34.96873093
1064	29.53448868	18.86837387	46.63779831	33.49163437	39.4000206	32.4576683
1065	29.23982811	17.53898621	42.79734421	34.82102203	44.42215347	34.0086174
1066	30.05014229	17.09585762	37.77521515	36.1504097	52.76774979	34.74716568
1067	30.78679276	17.02200317	36.74124908	35.63342667	50.18283081	34.52560043
1068	31.74443626	17.61284256	40.36013412	36.00270081	42.35421753	32.08839417
1069	32.33375549	16.2834549	40.43399048	38.36605453	40.28628159	30.24202156
1070	34.17538071	16.35730934	37.77521515	41.02482986	45.75154114	30.83285904
1071	33.73339081	17.02200317	35.11643982	40.28628159	47.37634659	35.70727921
1072	34.02804947	17.76055145	37.18437576	38.36605453	42.64963531	37.8490715
1073	33.43872833	16.13574409	39.54773331	36.07655334	39.17845917	36.96281052
1074	33.29140091	12.3691473	41.76337814	30.83285904	41.76337814	33.63934326
1075	33.14406967	8.75026035	41.32024765	27.14011765	43.83131409	34.0086174
1076	34.17538071	10.4489212	40.65555573	31.49755287	43.2404747	34.67331314
1077	32.55474854	15.10177708	40.21242523	39.25231171	42.50192642	36.44582748
1078	31.08145142	16.94814873	39.84315109	41.83723068	43.83131409	36.1504097
1079	31.52344131	14.65864754	38.21834564	39.10460281	43.46203995	34.89487839
1080	35.05935669	15.24948692	39.10460281	38.73532867	42.94505692	32.1622467
1081	34.83836365	18.20368004	40.43399048	42.64963531	43.97902298	33.78705215
1082	35.13302231	20.34547043	41.0966824	46.85936356	48.55802536	37.11052322
1083	33.73339081	19.45921326	39.6954422	45.89925003	54.68797684	40.72940826
1084	32.62841415	21.15787506	39.17845917	42.35421753	59.41468811	42.64963531
1085	30.71312714	23.15195465	37.70136261	40.72940826	57.49446106	43.38818359
1086	32.40742111	24.48134232	36.59353638	42.28036118	55.20495987	42.35421753
1087	34.32270813	24.92447281	34.23018265	43.97902298	55.20495987	42.94505692
1088	37.19564056	26.32771492	32.53152084	42.35421753	56.09121704	45.89925003
1089	37.26930618	26.40156937	29.79889107	39.6954422	52.02920151	48.55802536
1090	35.28035355	26.99240685	29.06034279	39.6954422	47.59791183	47.08092499
1091	32.18642426	26.69698906	27.87866592	40.43399048	43.90516663	45.01298904
1092	35.05935669	25.88458443	27.95252037	39.32616806	41.17253876	43.2404747
1093	38.37427902	25.36760139	27.14011765	37.18437576	39.25231171	44.42215347
1094	37.85862732	26.84469795	28.98648834	36.96281052	42.64963531	44.56986237
1095	32.99673843	27.36168289	32.1622467	36.88895798	45.0868454	42.79734421
1096	32.84941101	26.62313271	33.56549072	34.67331314	43.97902298	38.14448929
1097	37.04831314	27.50939178	27.43553734	32.1622467	43.46203995	37.40594101
1098	41.61553955	28.9126339	21.82256889	32.4576683	49.00115204	39.4000206
1099	39.92124557	28.54335976	22.78268051	34.23018265	57.5683136	41.5418129
1100	37.19564056	28.9126339	25.66302109	36.44582748	61.99960709	39.32616806
1101	34.54370499	30.75900459	24.70290756	36.59353638	59.78396225	37.47979736
1102	34.91202927	34.96873093	26.40156937	35.8549881	56.38663864	36.74124908
1103	32.99673843	35.19029617	30.53744125	35.04258728	54.76182938	38.80918503
1104	31.08145142	34.82102203	31.71911812	35.11643982	53.94942856	41.46795654
1105	30.49213219	35.92884445	30.38973045	33.78705215	51.36450958	44.20058823
1106	33.73339081	37.92292404	30.83285904	33.19621658	48.26260376	45.75154114
1107	34.98569489	33.71319962	29.65118217	33.34392548	44.71757126	47.45019913
1108	37.26930618	28.02637482	27.73095703	35.11643982	44.6437149	50.92137909
1109	39.1845932	25.95843887	26.18000412	35.92884445	44.71757126	56.68205643
1110	42.13119125	30.38973045	27.21397209	36.88895798	44.71757126	59.11926651
1111	42.42585373	35.19029617	29.06034279	39.17845917	42.94505692	59.04541016
1112	42.13119125	37.9967804	31.42369843	43.31433105	43.01890945	59.11926651
1113	40.80522537	34.96873093	30.83285904	45.97310257	44.12673187	63.18128204
1114	40.5105629	31.49755287	30.38973045	45.89925003	47.00707245	65.76620483
1115	38.37427902	28.9126339	28.9126339	43.83131409	49.88740921	65.17536163
1116	35.50134659	27.65710068	29.87274742	42.64963531	51.95534515	58.01144409
1117	33.36506653	25.81072998	28.764925	44.12673187	50.55210495	49.96126556
1118	35.94333649	24.33363342	25.88458443	41.76337814	48.11489487	47.00707245

	AO	AP	AQ	AR	AS	AT
1060	54.90954208	318.8222046	130.1441498	17.67443275	46.403759	29.84812927
1061	54.24484634	318.1592102	135.6094055	17.40432739	44.78313065	29.47885323
1062	49.59199142	320.5901794	139.8191376	19.2950592	42.99061584	29.99583817
1063	44.12673187	323.9050903	143.1426086	20.71924973	42.49951935	31.37446213
1064	45.97310257	323.242096	141.2962341	21.13668442	44.5375824	32.99926758
1065	49.07500839	324.273407	137.45578	19.44239044	44.43936157	31.71911812
1066	51.36450958	329.577301	133.5414734	18.95129204	40.70700455	30.34049416
1067	49.44428253	335.7651367	131.3258209	18.21464157	35.62412262	29.79889297
1068	46.04695892	333.1868591	130.0702972	18.63207626	34.64192581	31.32522583
1069	41.98494339	323.3157654	130.5872803	19.12317657	37.29386139	31.69449997
1070	40.43399048	319.9271851	132.1382294	20.67013931	39.77391434	31.71911812
1071	40.13856888	324.5680847	135.535553	19.6879406	39.84757996	30.80824089
1072	43.68360519	324.7890625	136.569519	17.94453621	39.38103485	31.10366058
1073	47.00707245	321.547821	142.1824951	16.02924919	39.13548279	30.58667755
1074	49.22271729	315.8756104	146.6137848	15.21893501	38.91448975	28.32179451
1075	49.88740921	314.9916382	148.6078644	15.26804447	38.7426033	25.73687553
1076	50.62595749	314.623291	147.6477509	18.04275703	38.81626892	27.53400993
1077	50.03512192	314.5496521	149.715683	19.17228699	38.6934967	31.52217102
1078	51.80763626	311.0874023	154.0731201	17.62532234	38.81626892	32.87617493
1079	53.58015442	307.3304749	159.0213928	15.1698246	39.47925568	30.660532
1080	54.54026794	308.0671387	163.7481079	17.28155327	40.33868027	31.02980614
1081	51.95534515	312.4133606	167.7362671	20.79291534	39.70024872	33.76243591
1082	51.58607101	314.2549744	167.4408417	21.75055885	39.28281403	36.1011734
1083	51.73378372	313.6656494	166.2591705	17.99364662	39.1109314	35.01796722
1084	52.62004089	310.3507385	166.9238586	15.36626434	38.76715851	34.23018265
1085	49.22271729	308.3617859	171.8721466	14.94882965	36.67998886	33.86090851
1086	42.64963531	306.7411499	174.9740448	15.36626434	35.96789169	34.45174789
1087	36.00270081	309.0984497	175.1217499	13.96663094	36.63087845	34.37789154
1088	41.02482986	313.2236633	171.2074432	13.42642021	38.3006134	33.73781586
1089	49.81355667	316.9069214	166.9977264	13.03354073	38.52161026	31.96530151
1090	50.92137909	318.895874	165.1513519	14.11396027	37.51485443	31.91606331
1091	43.60974884	320.0008545	163.895813	14.53139496	35.62412262	31.66988182
1092	40.36013412	319.6325073	161.2370453	14.50683975	35.79600525	31.05442429
1093	40.43399048	320.4428406	160.7200623	12.86165619	36.70454025	29.89736557
1094	39.84315109	320.3691711	162.1971588	11.43746758	37.26930618	30.93133163
1095	39.6954422	322.0634766	165.5206299	9.39940357	35.89422607	32.13763046
1096	43.31433105	323.8314209	163.1572723	6.52647114	35.25579834	31.62064552
1097	45.89925003	327.3673401	161.2370453	4.0709734	36.53265762	29.03572464
1098	47.89332962	325.4520569	160.6462097	4.73395777	37.22019577	27.73095703
1099	48.85344315	320.2955017	159.3906708	6.67380142	36.95009232	28.51874161
1100	50.40439606	316.833252	154.8855286	8.41720486	37.29386139	30.34049416
1101	51.21679688	317.7908936	151.63591	9.0556345	36.67998505	30.68515015
1102	54.3187027	319.2641907	154.1469727	11.11825275	36.06611252	32.40842819
1103	55.57423401	320.0008545	160.0553589	12.17411709	35.52590179	33.59010696
1104	55.05725098	319.4115295	162.1233063	13.1563158	36.26255417	33.88552856
1105	53.13702393	320.7374878	161.606308	13.42642117	37.09742355	33.36854172
1106	56.16507339	320.6638184	159.3168182	15.19437981	37.85862732	33.98400116
1107	58.23300934	320.0008545	160.2030792	15.71003437	37.73585129	32.23610306
1108	59.48854065	318.8222046	162.2710114	16.47123909	38.96360016	30.29125786
1109	55.94350815	319.4115295	162.5664215	17.4288826	39.97035217	29.35576248
1110	52.54618454	323.3894348	160.0553589	21.21034813	41.29632187	31.49755287
1111	51.14294434	327.6619873	158.2828522	23.69040298	41.76286697	34.47636414
1112	53.28473282	327.956665	160.6462097	23.7640686	42.7696228	37.57826996
1113	53.43244171	322.8001099	162.2710114	20.96479988	43.82548523	37.25823212
1114	50.55210495	317.0542603	160.3507843	20.35092545	44.6112442	35.92884445
1115	47.08092499	317.0542603	158.8736877	22.11888504	43.03972626	33.88552856
1116	49.66584778	320.5901794	157.6920013	24.35338593	40.33868027	33.39316177
1117	55.05725098	327.6619873	157.6920013	23.59218216	38.71805191	32.90079498
1118	59.19312286	333.2605286	155.4025116	21.5050087	39.16003799	30.660532

	AU
1060	46.02233887
1061	45.38226318
1062	43.48665619
1063	39.84315109
1064	39.27693176
1065	42.50192642
1066	46.29314041
1067	44.71757126
1068	40.16318893
1069	37.50441742
1070	39.00613022
1071	41.07406616
1072	41.394104
1073	41.04944611
1074	41.5418129
1075	42.57577896
1076	42.84658051
1077	42.99429321
1078	43.92978668
1079	43.97902298
1080	43.21585846
1081	43.2404747
1082	45.75154114
1083	49.05038834
1084	51.56145477
1085	50.03512192
1086	46.7362709
1087	44.71757126
1088	47.67176437
1089	50.13359451
1090	48.5334053
1091	44.17596817
1092	41.59104919
1093	41.36948395
1094	42.35421753
1095	42.52654266
1096	41.81261444
1097	42.25574493
1098	45.43149948
1099	49.32118988
1100	50.57672501
1101	49.49351883
1102	49.14886475
1103	49.71508408
1104	50.15821075
1105	49.56737518
1106	50.05973816
1107	50.13359451
1108	51.68454361
1109	52.44771194
1110	52.1276741
1111	51.04447174
1112	51.80763626
1113	53.5801506
1114	54.44179535
1115	54.04789734
1116	53.21088028
1117	51.85687256
1118	51.43836212

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1119								.006130	33.44	25.81	25.11	28.76	12.22	44.13
1120								.006140	24.30	24.33	22.98	25.88	17.23	41.76
1121								.006150	17.67	21.45	15.69	23.60	22.54	36.74
1122								.006160	17.82	20.20	9.50	23.89	21.21	33.71
1123								.006170	20.40	19.61	6.33	22.93	11.85	35.93
1124								.006180	25.34	22.71	6.48	21.53	2.13	39.99
1125								.006190	28.43	24.19	4.34	23.45	-1.40	41.62
1126								.006200	30.42	23.89	1.91	28.03	-3.37	41.02
1127								.006210	28.50	20.05	2.35	29.73	.51	41.17
1128								.006220	26.29	17.54	8.32	29.65	-7.4	42.80
1129								.006230	23.71	15.54	11.49	27.07	-1.92	42.95
1130								.006240	24.16	16.95	5.89	25.66	-1.85	39.92
1131								.006250	27.40	18.57	-4.87	24.63	-3.54	34.38
1132								.006260	33.44	21.82	-6.78	26.55	-8.03	31.05
1133								.006270	34.25	20.94	.29	28.25	-11.35	31.50
1134								.006280	29.90	19.31	7.36	28.62	-10.02	35.26
1135								.006290	23.20	16.73	8.98	23.60	-8.55	35.26
1136								.006300	22.83	16.43	13.99	19.75	-9.14	29.95
1137								.006310	22.54	17.10	21.06	19.90	-11.50	24.63
1138								.006320	19.00	19.02	24.01	27.73	-13.34	26.33
1139								.006330	16.79	22.12	17.97	34.16	-13.71	31.79
1140								.006340	20.77	25.37	12.67	35.26	-13.34	36.22
1141								.006350	23.27	25.07	11.56	32.31	-10.17	36.59
1142								.006360	20.33	23.60	14.88	32.09	-6.78	33.27
1143								.006370	17.09	21.45	15.98	31.57	-5.31	29.21
1144								.006380	20.62	21.38	15.61	31.28	-8.11	27.88
1145								.006390	25.34	22.12	12.96	30.69	-9.73	31.13
1146								.006400	26.51	25.96	10.82	30.32	-10.39	32.83
1147								.006410	20.99	29.43	9.13	27.29	-11.13	30.83
1148								.006420	17.16	30.32	9.20	23.00	-12.45	27.58
1149								.006430	15.91	26.33	10.31	19.16	-12.53	26.84
1150								.006440	18.34	24.48	12.67	18.57	-12.53	28.62
1151								.006450	19.15	23.82	14.73	19.16	-14.30	30.32
1152								.006460	21.51	24.26	16.35	21.97	-17.24	31.35
1153								.006470	22.39	22.71	14.58	24.33	-18.42	30.61
1154								.006480	20.47	20.27	11.04	23.82	-15.11	28.40
1155								.006490	15.46	16.14	7.51	19.90	-10.17	27.36
1156								.006500	12.08	14.81	8.69	21.67	-5.53	29.95
1157								.006510	9.64	14.58	11.04	28.32	-3.17	31.87
1158								.006520	9.87	16.36	12.00	32.83	-3.91	31.42
1159								.006530	13.18	18.35	8.54	30.02	-7.00	30.39
1160								.006540	18.04	19.61	6.48	25.96	-10.69	31.57
1161								.006550	18.41	17.91	7.51	25.59	-14.15	32.61
1162								.006560	16.79	17.32	8.54	27.44	-14.44	32.24
1163								.006570	14.36	15.91	.88	24.26	-11.05	33.34
1164								.006580	15.02	15.47	-6.49	18.79	-8.70	35.56
1165								.006590	14.80	14.73	-1.33	15.84	-9.14	33.64
1166								.006600	12.74	13.77	11.56	15.91	-12.90	28.76
1167								.006610	9.13	10.74	14.21	14.14	-14.89	25.81
1168								.006620	8.83	8.53	8.02	15.54	-12.23	24.92
1169								.006630	11.04	9.49	3.09	19.39	-7.08	24.56
1170								.006640	14.43	12.52	5.15	22.27	-5.90	26.18
1171								.006650	15.10	11.93	8.02	19.02	-7.37	28.99
1172								.006660	14.73	11.11	10.90	14.66	-8.03	31.42
1173								.006670	15.10	11.70	10.38	11.41	-6.05	32.01
1174								.006680	18.56	10.45	7.44	7.72	-6.27	29.50
1175								.006690	20.69	5.28	5.37	4.39	-10.24	25.96
1176								.006700	22.46	8.31	10.01	7.79	-12.16	24.70
1177								.006710	23.49	18.57	15.02	12.07	-10.54	25.22

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1119	40.14	50.55	42.65	49.96	33.37	55.06	.006130	327.66	157.69	23.59	32.90	38.72	51.86	
1120	38.45	48.11	43.09	47.01	35.94	59.19	.006140	333.26	155.40	21.51	30.66	39.16	51.44	
1121	38.01	47.67	43.16	53.88	38.30	58.75	.006150	336.58	153.11	18.63	27.26	39.82	53.43	
1122	40.58	49.81	40.95	60.08	37.71	58.16	.006160	337.09	151.05	16.18	25.93	39.75	56.02	
1123	41.69	51.00	41.98	61.63	34.76	58.01	.006170	335.77	150.31	12.86	26.16	39.48	56.88	
1124	40.29	49.89	42.13	56.53	33.37	59.93	.006180	332.01	150.38	11.31	28.08	38.60	55.45	
1125	40.51	48.56	41.39	50.04	31.67	58.60	.006190	326.34	150.38	10.46	29.75	37.86	52.40	
1126	44.78	47.08	39.85	43.91	31.30	56.39	.006200	320.30	150.90	10.65	30.98	38.64	49.12	
1127	45.67	44.72	41.62	43.39	29.61	51.96	.006210	319.34	151.78	10.46	30.32	38.96	46.69	
1128	41.84	42.95	43.75	45.01	30.12	48.85	.006220	320.96	151.93	11.29	30.00	38.57	45.60	
1129	38.89	41.39	45.52	44.05	29.31	45.31	.006230	322.65	151.56	11.09	28.52	37.91	43.59	
1130	41.17	41.25	44.78	39.40	28.72	44.72	.006240	321.18	149.42	9.40	27.51	38.23	41.79	
1131	41.54	39.55	43.68	37.33	27.10	43.83	.006250	317.57	147.35	6.33	25.86	37.44	40.24	
1132	38.67	36.00	42.50	36.22	27.47	44.50	.006260	313.81	146.32	6.21	26.48	36.21	38.91	
1133	35.58	27.95	41.54	34.53	26.96	44.35	.006270	312.86	144.25	7.73	26.89	34.69	35.61	
1134	36.83	24.33	39.18	30.54	27.55	45.75	.006280	317.05	141.22	9.08	27.73	34.52	33.54	
1135	37.56	29.36	40.51	28.17	28.50	45.90	.006290	322.21	137.53	7.88	25.20	35.53	34.48	
1136	38.30	37.33	41.62	27.36	30.57	46.49	.006300	322.43	132.29	9.23	22.04	36.83	37.06	
1137	36.16	34.08	39.33	31.28	29.68	46.27	.006310	319.41	127.26	10.70	20.54	35.06	37.21	
1138	33.66	27.88	35.50	39.10	27.99	47.08	.006320	317.35	124.16	9.89	24.36	32.36	38.02	
1139	30.93	27.95	36.53	44.27	29.02	49.37	.006330	319.12	126.82	7.02	29.36	32.16	40.53	
1140	32.11	32.90	40.66	41.02	31.82	54.02	.006340	320.30	128.00	6.70	32.29	34.86	42.65	
1141	34.54	35.34	45.08	37.48	30.64	57.35	.006350	323.17	128.30	8.22	31.33	36.75	43.39	
1142	35.80	37.70	42.72	38.22	28.13	57.72	.006360	326.85	128.67	9.47	29.65	35.55	44.55	
1143	34.03	40.43	39.04	45.75	25.63	56.09	.006370	328.62	128.81	9.25	27.41	32.90	47.43	
1144	35.65	41.69	37.56	51.51	27.18	55.35	.006380	327.00	127.04	9.37	26.84	33.46	49.52	
1145	42.28	39.55	39.26	53.51	29.90	55.06	.006390	323.61	124.31	9.52	27.98	37.15	49.37	
1146	47.14	37.48	36.53	51.29	33.29	53.73	.006400	322.95	121.95	8.98	29.70	38.99	47.50	
1147	42.87	35.93	33.00	49.44	33.59	50.33	.006410	325.60	121.50	6.33	29.18	36.48	45.23	
1148	35.80	33.05	31.82	47.52	34.47	50.11	.006420	326.34	119.44	4.64	26.97	34.03	43.56	
1149	34.62	28.25	36.09	48.04	33.88	50.55	.006430	327.07	117.37	4.56	24.11	34.86	42.28	
1150	37.12	25.22	36.37	48.19	33.81	49.67	.006440	325.67	113.90	6.16	23.89	36.43	41.02	
1151	38.01	25.07	40.44	50.92	32.85	43.98	.006450	323.24	108.65	6.53	24.43	37.10	39.99	
1152	38.08	25.22	41.03	52.55	37.56	42.35	.006460	322.28	102.74	6.87	25.86	38.89	40.04	
1153	37.05	23.00	40.14	52.99	43.97	45.09	.006470	325.16	98.61	6.18	25.88	40.39	40.36	
1154	37.27	22.93	38.30	51.22	49.94	48.78	.006480	333.48	101.12	5.47	24.16	41.84	40.98	
1155	36.09	25.37	39.04	49.15	49.87	45.60	.006490	339.15	105.48	4.27	21.13	41.66	40.04	
1156	35.65	29.21	41.32	46.12	46.55	40.73	.006500	337.16	105.55	5.08	22.14	41.17	38.69	
1157	34.54	28.84	42.72	44.05	38.23	37.55	.006510	331.79	99.49	5.84	24.92	38.50	36.82	
1158	33.44	28.17	38.89	40.29	33.37	39.77	.006520	330.17	92.70	5.99	26.87	35.23	36.08	
1159	30.34	27.88	33.88	36.59	34.54	42.65	.006530	333.33	90.19	4.91	26.25	32.92	35.71	
1160	30.71	29.36	30.71	32.46	38.15	44.27	.006540	334.81	91.37	4.61	25.71	33.19	35.36	
1161	31.16	28.47	34.25	30.24	37.42	43.54	.006550	333.41	94.84	3.92	25.37	34.27	34.08	
1162	32.26	30.46	37.42	26.70	37.27	41.62	.006560	328.84	94.62	3.63	25.66	35.65	32.93	
1163	31.38	32.75	37.34	24.92	38.45	37.70	.006570	326.04	90.63	1.39	24.51	35.72	31.79	
1164	30.34	30.39	37.27	24.33	38.60	34.97	.006580	327.22	86.50	-0.05	23.28	35.40	29.90	
1165	29.17	25.37	39.26	24.92	37.27	34.82	.006590	332.89	87.09	1.44	21.40	35.23	28.37	
1166	30.05	26.62	37.34	22.12	37.56	34.08	.006600	338.86	90.63	3.80	19.48	34.99	27.61	
1167	30.64	32.46	36.97	23.15	36.97	27.73	.006610	341.58	91.22	2.82	16.90	34.86	27.78	
1168	29.46	33.64	38.01	25.37	35.50	22.86	.006620	340.48	86.57	1.54	16.33	34.32	27.29	
1169	27.69	27.80	37.93	26.70	35.13	25.96	.006630	338.20	79.78	2.35	17.81	33.59	26.82	
1170	27.25	22.12	30.93	23.89	36.53	31.57	.006640	335.03	73.05	4.56	20.32	31.57	25.86	
1171	30.12	20.79	25.78	23.15	34.18	30.98	.006650	336.43	73.05	5.25	19.98	30.03	24.97	
1172	34.54	21.75	24.45	24.92	34.32	28.91	.006660	340.63	77.19	5.86	19.07	31.11	25.20	
1173	32.63	19.39	26.22	26.55	36.75	26.77	.006670	344.02	80.74	6.48	18.38	31.87	24.24	
1174	28.58	16.51	26.81	23.30	39.18	24.78	.006680	346.81	80.44	6.58	15.89	31.52	21.53	
1175	27.10	14.22	28.06	18.28	36.46	19.16	.006690	347.11	75.42	5.27	11.88	30.54	17.22	
1176	30.86	13.11	27.10	13.55	35.50	16.51	.006700	345.64	71.72	6.77	13.60	31.16	14.39	
1177	33.07	10.01	25.63	15.84	36.16	16.73	.006710	343.57	70.91	9.33	18.62	31.62	14.19	

	AC	AD	AE	AF	AG	AH
1119	0.01114	17.67443275	15.68547916	22.53631783	38.00595474	43.16250229
1120	0.01115	17.82176208	9.49762344	21.21035004	40.58422852	40.9525528
1121	0.01116	20.40003586	6.33003139	11.85490227	41.68920135	41.98386363
1122	0.01117	25.33558655	6.4773612	2.13112974	40.28956985	42.13119125
1123	0.01118	28.42951393	4.3410778	-1.4047873	40.5105629	41.39454269
1124	0.01119	30.41846657	1.91013503	-0.37347817	44.78313065	39.84757996
1125	0.0112	28.50317955	2.35212469	0.51050109	45.66711044	41.61553955
1126	0.01121	26.29323006	8.31898499	-0.74180287	41.83653259	43.75181961
1127	0.01122	23.71495819	11.46657703	-1.92044199	38.88993454	45.51977921
1128	0.01123	24.15694809	5.88804197	-1.84677696	41.17354965	44.78313065
1129	0.01124	27.3982048	-4.86703968	-3.5410707	41.54187393	43.67815781
1130	0.01125	33.43872833	-6.78232813	-8.03463173	38.6689415	42.49951553
1131	0.01126	34.24904251	0.28950629	-11.34955406	35.57501221	41.54187393
1132	0.01127	29.90281296	7.36134052	-10.02358532	36.82731628	39.1845932
1133	0.01128	23.19930267	8.98196888	-8.55028629	37.56396484	40.5105629
1134	0.01129	22.83097839	13.99118519	-9.13960648	38.30061722	41.61553955
1135	0.0113	22.53631783	21.0630188	-11.49688435	36.16433334	39.33192444
1136	0.01131	19.00040054	24.00961685	-13.33850765	33.65972519	35.50134659
1137	0.01132	16.79045296	17.96909142	-13.70683289	30.93412209	36.53265762
1138	0.01133	20.76836014	12.66521645	-13.33850765	32.11276245	40.65789413
1139	0.01134	23.27296829	11.56024265	-10.1709156	34.54370499	45.07778931
1140	0.01135	20.32637024	14.87516499	-6.78232813	35.79600906	42.72051239
1141	0.01136	17.08511353	15.98013878	-5.3090291	34.02804947	39.03726578
1142	0.01137	20.62103081	15.61181355	-8.10829735	35.64867783	37.56396484
1143	0.01138	25.33558655	12.95987606	-9.7289257	42.27852249	39.25825882
1144	0.01139	26.51422501	10.82359314	-10.39191055	47.14040756	36.53265762
1145	0.0114	20.98935509	9.12929916	-11.12855911	42.86784363	32.99673843
1146	0.01141	17.15877724	9.20296383	-12.45452881	35.79600906	31.81810188
1147	0.01142	15.90647411	10.30793858	-12.52819347	34.61737061	36.09066772
1148	0.01143	18.3374176	12.66521645	-12.52819347	37.12197495	38.37427902
1149	0.01144	19.14773178	14.7278347	-14.29615211	38.00595474	40.43689728
1150	0.01145	21.5050087	18.34846306	-17.24275017	38.07962036	41.02621841
1151	0.01146	22.38898849	14.58050442	-18.42138863	37.04831314	40.14223862
1152	0.01147	20.47369957	11.04458809	-15.10646629	37.26930618	38.30061722
1153	0.01148	15.46448421	7.50867033	-10.1709156	36.09066772	39.03726578
1154	0.01149	12.07589722	8.68730927	-5.53002405	35.64867783	41.32087708
1155	0.0115	9.64495373	11.04458809	-3.17274594	34.54370499	42.72051239
1156	0.01151	9.86594868	12.0022316	-3.90939546	33.43872833	38.88993454
1157	0.01152	13.18087101	8.53997993	-7.00332308	30.34480286	33.88071823
1158	0.01153	18.04275703	6.4773612	-10.68657017	30.71312714	30.71312714
1159	0.01154	18.41108131	7.50867033	-14.14882183	31.15511703	34.24904251
1160	0.01155	16.79045296	8.53997993	-14.44348145	32.26008987	37.41663742
1161	0.01156	14.35951042	0.87882584	-11.05489445	31.37611198	37.3429718
1162	0.01157	15.02249432	-6.48766804	-8.69761658	30.34480286	37.26930618
1163	0.01158	14.80149937	-1.3311224	-9.13960648	29.16616249	39.25825882
1164	0.01159	12.73888111	11.56024265	-12.89651775	30.05014229	37.3429718
1165	0.0116	9.12929916	14.21218014	-14.88547134	30.63946152	36.97464752
1166	0.01161	8.83463955	8.02432537	-12.23353386	29.46082306	38.00595474
1167	0.01162	11.04458809	3.08877397	-7.07698774	27.69286346	37.93229294
1168	0.01163	14.43317509	5.15139246	-5.89834881	27.25087547	30.93412209
1169	0.01164	15.09615898	8.02432537	-7.37164736	30.12380791	25.77757645
1170	0.01165	14.7278347	10.8972578	-8.03463173	34.54370499	24.45160675
1171	0.01166	15.09615898	10.38160324	-6.04567862	32.62841415	26.21956635
1172	0.01167	18.55841255	7.43500566	-6.26667356	28.57684326	26.80888557
1173	0.01168	20.69469452	5.37238741	-10.24458027	27.10354424	28.06118965
1174	0.01169	22.46265411	10.01327896	-12.15986919	30.86045647	27.10354424
1175	0.0117	23.49396324	15.02249432	-10.53923988	33.07040405	25.63024521
1176	0.01171	25.85124016	15.68547916	-8.84494591	33.07040405	25.04092598
1177	0.01172	24.6726017	13.47553062	-8.69761658	31.22878075	26.29323006

	AI	AJ	AK	AL	AM	AN
1119	38.30061722	21.45329475	23.59508514	36.74124908	47.67176437	53.8755722
1120	37.71129608	20.19776154	23.89050484	33.71319962	49.81355667	60.07938004
1121	34.76469803	19.60692215	22.93039131	35.92884445	50.99523544	61.63033295
1122	33.36506653	22.70882607	21.5271492	39.99085999	49.88740921	56.53434753
1123	31.67077065	24.18592262	23.44737434	41.61566925	48.55802536	50.03512192
1124	31.30244637	23.89050484	28.02637482	41.02482986	47.08092499	43.90516663
1125	29.60815239	20.05005264	29.72503662	41.17253876	44.71757126	43.38818359
1126	30.12380791	17.53898621	29.65118217	42.79734421	42.94505692	45.01298904
1127	29.31349373	15.54490662	27.0662632	42.94505692	41.394104	44.05287933
1128	28.72417259	16.94814873	25.66302109	39.91700745	41.24639511	39.4000206
1129	27.10354424	18.57295418	24.62905312	34.37789154	39.54773331	37.33208466
1130	27.47187042	21.82256889	26.54927826	31.05442429	36.00270081	36.22426224
1131	26.9562149	20.93630981	28.24794006	31.49755287	27.95252037	34.52560043
1132	27.54553413	19.31150436	28.6172142	35.26415253	24.33363342	30.53744125
1133	28.50317955	16.72658348	23.59508514	35.26415253	29.35576248	28.17408562
1134	30.56579781	16.43116379	19.75463295	29.94660187	37.33208466	27.36168289
1135	29.68181801	17.09585762	19.90234184	24.62905312	34.08247375	31.27598953
1136	27.98752403	19.01608467	27.73095703	26.32771492	27.87866592	39.10460281
1137	29.01883316	22.11798859	34.15632629	31.79297256	27.95252037	44.2744077
1138	31.81810188	25.36760139	35.26415253	36.22426224	32.90079498	41.02482986
1139	30.63946152	25.0721817	32.3099556	36.59353638	35.33800507	37.47979736
1140	28.13485336	23.59508514	32.08839417	33.27006912	37.70136261	38.21834564
1141	25.63024521	21.45329475	31.57140923	29.20805359	40.43399048	45.75154114
1142	27.17720985	21.3794384	31.27598953	27.87866592	41.68952179	51.51221848
1143	29.90281296	22.11798859	30.68515015	31.12827873	39.54773331	53.50629807
1144	33.29140091	25.95843887	30.31587601	32.82694244	37.47979736	51.29065323
1145	33.58605957	29.42961693	27.28782654	30.83285904	35.92884445	49.44428253
1146	34.47003937	30.31587601	23.00424576	27.58324623	33.04850388	47.52405548
1147	33.88071823	26.32771492	19.16379356	26.84469795	28.24794006	48.04103851
1148	33.80705261	24.48134232	18.57295418	28.6172142	25.21989059	48.18874741
1149	32.84941101	23.81664848	19.16379356	30.31587601	25.0721817	50.92137909
1150	37.56396484	24.25977898	21.97027779	31.34984398	25.21989059	52.54618454
1151	43.97281647	22.70882607	24.33363342	30.6112957	23.00424576	52.98931503
1152	49.93967819	20.27161598	23.81664848	28.39564896	22.93039131	51.21679688
1153	49.86601257	16.13574409	19.90234184	27.36168289	25.36760139	49.14886093
1154	46.55109024	14.80635738	21.67485809	29.94660187	29.20805359	46.12081528
1155	38.2269516	14.58479309	28.32179451	31.86682701	28.83877945	44.05287933
1156	33.36506653	16.35730934	32.82694244	31.42369843	28.17408562	40.28628159
1157	34.54370499	18.35139084	30.02045631	30.38973045	27.87866592	36.59353638
1158	38.15328598	19.60692215	25.95843887	31.57140923	29.35576248	32.4576683
1159	37.41663742	17.90826225	25.58916473	32.6053772	28.46950531	30.24202156
1160	37.26930618	17.31742287	27.43553734	32.23610306	30.4635849	26.69698906
1161	38.44794464	15.91418076	24.25977898	33.34392548	32.75308609	24.92447281
1162	38.59527588	15.47105122	18.79451942	35.55957031	30.38973045	24.33363342
1163	37.26930618	14.73250294	15.84032536	33.63934326	25.36760139	24.92447281
1164	37.56396484	13.77238941	15.91418076	28.764925	26.62313271	22.11798859
1165	36.97464752	10.7443409	14.14166355	25.81072998	32.4576683	23.15195465
1166	35.50134659	8.52869511	15.54490662	24.92447281	33.63934326	25.36760139
1167	35.13302231	9.48880863	19.38535881	24.55519676	27.80481148	26.69698906
1168	36.53265762	12.51685715	22.26569748	26.18000412	22.11798859	23.89050484
1169	34.17538071	11.92601871	19.01608467	28.98648834	20.78860092	23.15195465
1170	34.32270813	11.11361504	14.65864754	31.42369843	21.74871254	24.92447281
1171	36.75365067	11.70445442	11.40903473	32.01453781	19.38535881	26.54927826
1172	39.1845932	10.4489212	7.71629238	29.50347328	16.50501823	23.29966545
1173	36.458992	5.2790823	4.39282417	25.95843887	14.21551895	18.27753639
1174	35.50134659	8.30713081	7.79014683	24.70290756	13.10769653	13.55082512
1175	36.16433334	18.57295418	12.07372856	25.21989059	10.00579262	15.84032536
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1177	36.23799896	21.82256889	12.3691473	24.62905312	8.97182465	24.40748787

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1119	58.74999237	336.57547	153.1130066	18.63207626	39.82302475	27.2632103
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1121	58.01144409	335.7651367	150.3065186	12.86165619	39.47925568	26.15538597
1122	59.93167114	332.0082398	150.3803711	11.3146925	38.59527588	28.07561111
1123	58.60228348	326.3360291	150.3803711	10.45526791	37.85862732	29.74965477
1124	56.38663864	320.2955017	150.8973694	10.65170765	38.64438629	30.98056984
1125	51.95534515	319.3378601	151.7836151	10.45526886	38.96360016	30.31587601
1126	48.85344315	320.9584961	151.9313355	11.29013729	38.57072067	29.99583817
1127	45.30841064	322.652771	151.5620575	11.09369755	37.90773773	28.51874161
1128	44.71757126	321.1794739	149.4202728	9.39940453	38.2269516	27.50939178
1129	43.83131409	317.5699158	147.3523254	6.33003139	37.44119263	25.85996628
1130	44.49600601	313.8129883	146.3183594	6.20725632	36.21344376	26.47542381
1131	44.34829712	312.8553467	144.2504273	7.7296648	34.69103241	26.89393425
1132	45.75154114	317.0542603	141.2223816	9.0801897	34.51914978	27.73095703
1133	45.89925003	322.2107849	137.5296326	7.87699509	35.52590179	25.19527435
1134	46.49008942	322.4317932	132.2859345	9.22751904	36.82731628	22.04413223
1135	46.26852417	319.4115295	127.2638092	10.70081711	35.05935669	20.54241753
1136	47.08092499	317.3489075	124.161911	9.89050293	32.38286591	24.35825157
1137	49.37042618	319.1168823	126.8206787	7.0175705	32.16187286	29.35576248
1138	54.0232811	320.2955017	128.0023651	6.69835615	34.86291885	32.28533936
1139	57.34675217	323.1684265	128.2977753	8.22076511	36.75365067	31.32522392
1140	57.71602631	326.8516846	128.6670532	9.47306919	35.550457	29.65118217
1141	56.09121704	328.6196594	128.8147583	9.25207424	32.89852142	27.41091919
1142	55.35266876	326.9990234	127.042244	9.37484932	33.46328354	26.84469795
1143	55.05725098	323.8104431	124.3096161	9.52217865	37.14653015	27.97713852
1144	53.72786331	322.9474487	121.9462585	8.98196888	38.98815536	29.70041847
1145	50.3305397	325.5993958	121.5031357	6.33003187	36.48354721	29.18343353
1146	50.10897446	326.3360291	119.4351959	4.63573742	34.02804947	26.9677887
1147	50.55210495	327.0726929	117.3672638	4.56207323	34.86291885	24.11206818
1148	49.66584778	325.6730347	113.89608	6.15814686	36.4344368	23.89050293
1149	43.97902298	323.242096	108.6523895	6.52647161	37.09741974	24.43210602
1150	42.35421753	322.2844544	102.7440033	6.87024069	38.88993454	25.85996628
1151	45.0868454	325.1573792	98.60813141	6.18270159	40.38779068	25.88458443
1152	48.77958679	333.4815369	101.119194	5.47060728	41.83653259	24.16130447
1153	45.60382843	339.153717	105.4766312	4.26741314	41.66464996	21.13325691
1154	40.72940826	337.1647644	105.5504837	5.07772732	41.17354965	22.14260483
1155	37.5536499	331.7872315	99.49438477	5.83893204	38.49705505	24.9244709
1156	39.76929474	330.1665955	92.69974518	5.98626137	35.23124313	26.8693161
1157	42.64963531	333.334198	90.18867493	4.90584278	32.92307663	26.25385857
1158	44.27444077	334.8074951	91.3703537	4.61118269	33.19318008	25.71225739
1159	43.53589249	333.4078674	94.84152985	3.92364335	34.27359772	25.36760139
1160	41.61566925	328.8406372	94.6199646	3.62898374	35.64867783	25.66302109
1161	37.70136261	326.0413818	90.63180542	1.39448059	35.72234344	24.50596237
1162	34.96873093	327.2200012	86.49593353	-0.05426343	35.40312958	23.2750473
1163	34.82102203	332.8922119	87.08677673	1.44359016	35.23124313	21.40405655
1164	34.08247375	338.8590698	90.63180542	3.80086875	34.98569489	19.48383141
1165	27.73095703	341.5846863	91.22264099	2.81866932	34.86291885	16.89891052
1166	22.85653687	340.4797058	86.56978607	1.54181039	34.32270813	16.33269119
1167	25.95843887	338.1960754	79.77514648	2.35212469	33.58605957	17.80978775
1168	31.57140923	335.0285034	73.05435181	4.56207275	31.57255173	20.32085228
1169	30.98056984	336.4281311	73.05435181	5.24961233	30.02558899	19.97619629
1170	28.9126339	340.6270447	77.19022369	5.86348677	31.10600662	19.06532097
1171	26.77084351	344.015625	80.73525238	6.4773612	31.86721039	18.37600899
1172	24.77676201	346.8148804	80.43983459	6.57558155	31.52344131	15.88956261
1173	19.16379356	347.1095581	75.41770935	5.27416706	30.5412426	11.87678146
1174	16.50501823	345.636261	71.72496796	6.77202129	31.15511513	13.80006142
1175	16.72658348	343.5736389	70.91255951	9.32573891	31.62166023	18.62219048
1176	19.60692215	344.8995972	73.34976959	10.8972578	31.79354477	21.50252914
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1119	53.43244171
1120	56.0173645
1121	56.87900543
1122	55.45114136
1123	52.39847565
1124	49.12424469
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1127	43.5851326
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1172	21.5271492
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1175	14.1909008
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BARBER - R 0002120

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1178								.006720	25.85	25.22	15.69	13.77	-8.84	25.52
1179								.006730	24.67	21.82	13.48	12.37	-8.70	24.63
1180								.006740	22.09	19.16	15.39	15.62	-7.81	23.82
1181								.006750	21.51	22.56	18.41	20.86	-7.45	22.19
1182								.006760	25.34	27.44	20.33	23.82	-8.99	20.64
1183								.006770	28.65	27.66	16.27	18.87	-10.61	20.57
1184								.006780	29.02	25.22	11.78	14.14	-9.88	21.31
1185								.006790	26.37	23.08	8.69	13.18	-9.80	19.46
1186								.006800	27.40	24.63	9.87	16.73	-12.09	15.47
1187								.006810	32.63	26.99	10.90	16.95	-11.79	14.58
1188								.006820	40.95	28.03	14.58	15.69	-8.84	16.51
1189								.006830	43.90	25.59	17.97	14.73	-5.24	17.39
1190								.006840	41.91	20.42	19.15	13.40	-3.69	15.32
1191								.006850	38.89	14.36	14.58	7.35	-1.85	14.29
1192								.006860	43.02	16.43	10.75	5.87	-2.80	14.29
1193								.006870	54.29	21.16	11.49	10.38	-6.12	14.36
1194								.006880	68.06	24.19	17.67	13.11	-8.55	13.92
1195								.006890	69.09	23.00	22.68	10.23	-4.72	14.95
1196								.006900	58.04	21.60	25.34	9.49	-.89	15.84
1197								.006910	46.40	19.75	23.71	12.00	-.59	16.51
1198								.006920	44.71	20.79	21.06	15.47	-1.48	18.87
1199								.006930	43.31	22.12	20.33	14.29	-1.33	21.01
1200								.006940	40.36	24.33	21.95	12.37	-2.80	20.35
1201								.006950	39.33	24.11	22.32	11.19	-6.34	19.24
1202								.006960	43.83	23.37	24.16	11.93	-8.70	20.35
1203								.006970	43.90	22.86	28.65	12.07	-8.03	21.45
1204								.006980	37.34	23.15	33.51	13.55	-4.06	21.16
1205								.006990	31.82	21.67	31.67	14.14	-2.29	20.79
1206								.007000	38.15	20.79	25.48	12.96	-3.47	21.53
1207								.007010	49.20	22.04	19.30	8.23	-4.94	21.23
1208								.007020	55.63	26.55	18.85	4.76	-2.95	21.75
1209								.007030	52.15	26.99	20.40	5.65	2.20	22.86
1210								.007040	46.62	24.48	22.39	12.22	6.48	20.20
1211								.007050	45.37	20.64	22.09	15.32	7.07	19.31
1212								.007060	49.94	20.05	22.09	15.54	3.02	22.49
1213								.007070	47.36	20.79	22.32	15.54	-1.92	26.11
1214								.007080	38.52	22.78	23.13	19.31	-5.75	25.07
1215								.007090	31.52	22.56	22.54	22.27	-4.72	24.19
1216								.007100	28.87	23.74	21.51	23.00	-2.58	26.70
1217								.007110	25.11	22.71	19.07	21.53	-2.36	29.73
1218								.007120	26.22	21.67	18.26	20.94	-2.66	29.95
1219								.007130	29.53	18.87	19.30	19.68	.58	29.95
1220								.007140	32.19	20.27	20.47	19.31	5.15	30.61
1221								.007150	30.93	21.60	18.12	18.28	7.51	30.02
1222								.007160	31.08	22.12	18.26	17.24	5.67	27.29
1223								.007170	31.67	22.12	22.98	16.36	2.65	25.00
1224								.007180	29.02	23.45	27.10	18.28	1.47	26.84
1225								.007190	22.76	22.86	22.24	22.04	.14	31.05
1226								.007200	21.51	22.56	18.93	24.78	-2.95	33.20
1227								.007210	24.75	24.78	23.20	22.56	-4.43	32.97
1228								.007220	26.44	30.24	29.46	21.16	.14	33.71
1229								.007230	22.24	33.93	25.48	22.63	4.41	33.64
1230								.007240	17.38	34.30	16.94	24.78	3.75	32.01
1231								.007250	10.31	31.87	12.08	24.92	1.62	30.32
1232								.007260	2.79	29.95	15.32	26.40	4.34	30.09
1233								.007270	2.65	28.76	19.44	27.88	10.38	29.80
1234								.007280	19.07	29.73	19.37	27.29	12.67	29.73
1235								.007290	33.44	30.98	15.17	25.52	9.28	32.68
1236								.007300	31.52	32.31	12.52	27.73	5.45	34.67

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1178	33.07	7.86	25.04	21.38	37.27	19.61	.006720	344.90	73.35	10.90	21.50	31.79	16.28	
1179	31.23	8.97	26.29	24.41	36.24	19.31	.006730	348.73	76.38	9.82	19.61	31.25	17.56	
1180	31.82	14.58	25.26	21.53	34.91	16.36	.006740	349.39	75.57	9.89	19.53	30.66	17.49	
1181	33.22	17.24	24.23	19.16	32.63	11.26	.006750	349.10	71.87	10.82	21.87	30.03	15.89	
1182	34.62	15.91	22.68	19.02	33.14	10.30	.006760	348.95	67.59	12.22	23.96	30.15	15.08	
1183	33.29	11.48	23.57	21.90	35.58	10.52	.006770	346.37	65.82	11.44	22.36	30.81	14.63	
1184	32.41	11.48	25.85	23.45	38.08	10.08	.006780	340.85	67.22	10.31	20.22	32.11	15.00	
1185	31.89	16.14	30.12	23.37	39.48	8.16	.006790	340.63	69.51	8.42	18.57	33.83	15.89	
1186	33.88	21.53	31.89	18.50	38.96	4.84	.006800	348.14	68.77	8.39	18.94	34.91	14.95	
1187	35.28	21.82	33.44	15.18	34.69	.77	.006810	353.15	64.27	10.58	19.51	34.47	12.59	
1188	37.78	20.79	32.92	14.22	33.00	1.44	.006820	347.55	60.28	15.56	20.07	34.57	12.15	
1189	40.36	22.27	31.23	14.88	34.25	3.14	.006830	338.71	59.39	18.88	19.24	35.28	13.43	
1190	40.95	24.48	26.66	11.70	34.91	1.73	.006840	337.46	60.13	19.12	16.38	34.18	12.64	
1191	37.71	21.75	26.59	8.09	30.57	-2.99	.006850	341.81	61.09	17.21	12.00	31.62	8.95	
1192	34.84	18.57	30.42	6.46	28.06	-2.55	.006860	341.66	62.12	16.99	12.20	31.11	7.49	
1193	35.50	20.35	36.75	7.94	27.91	2.77	.006870	339.01	65.23	19.88	15.30	33.39	10.35	
1194	36.68	24.92	39.33	8.97	30.79	8.31	.006880	339.23	70.40	25.73	17.07	35.60	14.07	
1195	33.59	25.74	39.04	9.56	32.41	6.61	.006890	341.36	74.09	29.02	16.06	35.01	13.97	
1196	30.93	26.48	34.18	7.86	33.07	4.17	.006900	343.57	74.83	27.50	15.64	32.73	12.84	
1197	29.90	27.14	30.64	7.49	33.73	4.25	.006910	341.81	70.62	23.17	16.09	31.43	12.96	
1198	30.93	27.73	30.05	6.90	37.71	7.94	.006920	340.33	68.33	21.43	18.38	32.90	14.19	
1199	30.64	26.11	31.52	6.68	38.23	7.49	.006930	339.89	70.47	20.77	19.14	33.46	13.43	
1200	31.67	29.06	31.89	5.65	35.06	4.84	.006940	340.70	75.05	19.84	19.02	32.87	13.18	
1201	32.41	33.34	33.88	6.76	29.09	1.29	.006950	342.54	78.22	18.44	18.18	31.79	13.80	
1202	34.47	34.23	38.37	9.41	29.24	1.00	.006960	341.58	78.82	19.76	18.55	34.03	14.88	
1203	35.50	28.32	40.14	12.22	29.76	1.44	.006970	338.56	79.63	21.51	18.79	35.13	13.99	
1204	37.27	21.31	36.61	10.89	28.65	4.10	.006980	334.14	82.80	22.27	19.29	34.18	12.10	
1205	39.26	18.13	34.99	7.72	27.69	6.61	.006990	330.76	85.24	20.40	18.87	33.98	10.82	
1206	39.26	19.16	34.99	8.38	31.38	8.09	.007000	331.27	87.97	20.06	18.43	35.21	11.88	
1207	33.73	17.10	35.06	18.13	35.80	6.39	.007010	336.13	88.79	21.19	17.17	34.86	13.87	
1208	29.61	13.40	29.90	22.49	38.60	5.94	.007020	338.79	87.68	23.91	17.69	32.70	13.94	
1209	30.64	9.86	27.03	18.13	37.71	7.64	.007030	328.03	84.06	24.92	18.50	31.79	11.88	
1210	35.43	9.71	28.80	15.54	35.65	9.86	.007040	311.16	82.21	25.16	18.97	33.29	11.70	
1211	35.80	7.86	32.33	24.63	33.44	10.08	.007050	306.23	85.61	24.84	18.43	33.86	14.19	
1212	35.50	7.49	30.34	31.72	30.64	11.63	.007060	313.74	89.15	25.02	19.36	32.16	16.95	
1213	35.80	9.86	27.99	31.28	26.51	13.70	.007070	320.88	89.75	22.59	20.81	30.10	18.28	
1214	35.94	13.70	25.63	26.84	26.22	17.54	.007080	319.12	89.75	18.63	22.39	29.26	19.36	
1215	34.62	16.14	23.86	28.84	26.07	18.13	.007090	309.84	91.44	16.45	23.00	28.18	21.03	
1216	37.42	18.43	19.00	30.76	24.75	18.13	.007100	301.95	93.96	15.93	24.48	27.05	22.44	
1217	41.69	19.68	17.90	31.13	21.87	16.65	.007110	298.93	92.26	13.94	24.65	27.15	22.49	
1218	41.84	21.31	22.68	29.36	22.39	17.54	.007120	304.53	90.34	13.94	24.19	28.97	22.73	
1219	35.06	22.78	28.72	28.32	21.28	16.21	.007130	310.57	90.34	16.47	22.83	28.36	22.44	
1220	30.20	26.18	28.36	26.77	20.18	14.14	.007140	311.46	94.47	19.27	23.40	26.24	22.36	
1221	31.52	26.48	24.16	26.62	18.56	12.37	.007150	306.74	96.91	18.85	23.30	24.75	21.82	
1222	35.58	26.84	21.43	26.70	19.74	15.03	.007160	303.35	94.99	18.34	22.22	25.58	22.86	
1223	33.59	29.06	25.04	26.77	19.37	16.95	.007170	303.21	91.52	19.10	21.16	26.00	24.26	
1224	29.83	33.20	27.84	26.40	19.00	20.12	.007180	305.27	91.15	19.20	22.86	25.56	26.57	
1225	27.99	35.26	26.81	26.99	18.41	23.45	.007190	307.63	94.25	15.05	25.32	24.40	28.57	
1226	30.42	37.18	22.17	24.70	20.11	27.29	.007200	311.60	97.80	12.49	26.84	24.23	29.73	
1227	30.57	36.15	21.80	21.45	19.81	27.73	.007210	312.71	97.87	14.51	26.77	24.06	28.44	
1228	30.79	33.34	23.05	19.31	17.38	28.32	.007220	310.57	99.20	18.68	28.37	23.74	26.99	
1229	29.68	29.58	24.89	20.57	14.29	30.24	.007230	308.36	101.41	17.38	30.07	22.95	26.80	
1230	28.13	28.54	25.63	20.35	15.46	33.64	.007240	309.84	103.93	12.69	30.37	23.08	27.51	
1231	23.42	26.55	27.84	19.75	16.94	33.86	.007250	312.93	106.29	8.00	29.04	22.73	26.72	
1232	22.39	25.66	27.84	17.24	18.04	33.12	.007260	311.75	108.65	7.48	28.81	22.76	25.34	
1233	24.75	24.41	27.10	17.69	19.30	33.64	.007270	309.69	111.09	10.82	28.81	23.71	25.24	
1234	27.69	22.86	25.34	19.68	21.28	37.63	.007280	308.66	112.20	17.04	28.91	24.77	26.72	
1235	25.92	18.87	26.88	23.30	19.37	38.96	.007290	309.69	112.57	19.30	29.73	24.06	27.04	
1236	25.04	18.13	30.42	25.07	14.88	38.51	.007300	311.75	111.90	16.50	31.57	23.44	27.24	

	AC	AD	AE	AF	AG	AH
1178	0.01173	22.09432793	15.39081955	-7.81363726	31.81810188	25.26192093
1179	0.01174	21.50500087	18.41108131	-7.4453125	33.21773529	24.2306118
1180	0.01175	25.33558655	20.32637024	-8.99227619	34.61737061	22.68364906
1181	0.01176	28.65050888	16.27479935	-10.61290455	33.29140091	23.56762695
1182	0.01177	29.01883316	11.78123665	-9.87625599	32.40742111	25.85124016
1183	0.01178	26.36689568	8.68730927	-9.80259037	31.89176559	30.12380791
1184	0.01179	27.3982048	9.86594868	-12.08620358	33.88071823	31.89176559
1185	0.0118	32.62841415	10.8972578	-11.79154396	35.28035355	33.43872833
1186	0.01181	40.9525528	14.58050442	-8.84494591	37.7849617	32.92307663
1187	0.01182	43.89915085	17.96909142	-5.23536444	40.36323547	31.22878075
1188	0.01183	41.91019821	19.14773178	-3.68840051	40.9525528	26.66155434
1189	0.01184	38.88993454	14.58050442	-1.84677696	37.71129608	26.58789063
1190	0.01185	43.01517105	10.74992752	-2.80442119	34.83836365	30.41846657
1191	0.01186	54.28590775	11.48657703	-6.11934376	35.50134659	36.75365067
1192	0.01187	68.06124878	17.67443275	-8.55028629	36.67998886	39.33192444
1193	0.01188	69.09255981	22.68364906	-4.71970987	33.58605957	39.03726578
1194	0.01189	58.04281998	25.33558655	-0.88913274	30.93412209	34.17538071
1195	0.0119	46.403759	23.71495819	-0.594473	29.90281296	30.63946152
1196	0.01191	44.70946503	21.0630188	-1.47845232	30.93412209	30.05014229
1197	0.01192	43.30983353	20.32637024	-1.3311224	30.63946152	31.52344131
1198	0.01193	40.36323547	21.9469986	-2.80442119	31.67077065	31.89176559
1199	0.01194	39.33192444	22.31532288	-6.34033823	32.40742111	33.88071823
1200	0.01195	43.82548523	24.15694809	-8.69761658	34.47003937	38.37427902
1201	0.01196	43.89915085	28.65050888	-8.03463173	35.50134659	40.14223862
1202	0.01197	37.3429718	33.51239395	-4.05672503	37.26930618	36.60632324
1203	0.01198	31.81810188	31.67077065	-2.28876662	39.25825882	34.98569489
1204	0.01199	38.15328598	25.48291588	-3.4674058	39.25825882	34.98569489
1205	0.012	49.20302582	19.29506111	-4.94070435	33.73339081	35.05935669
1206	0.01201	55.83287048	18.85307121	-2.95175099	29.60815239	29.90281296
1207	0.01202	52.14962387	20.40003586	2.20479465	30.63946152	27.02988052
1208	0.01203	46.62475586	22.36898849	6.4773612	35.42768478	28.79783821
1209	0.01204	45.37245178	22.09432793	7.06668091	35.79600906	32.33375549
1210	0.01205	49.93967819	22.09432793	3.01510906	35.50134659	30.34480286
1211	0.01206	47.36140442	22.31532288	-1.92044199	35.79600906	27.98752403
1212	0.01207	38.52161026	23.12563705	-5.751019	35.94333649	25.63024521
1213	0.01208	31.52344131	22.53631783	-4.71970987	34.61737061	23.86228752
1214	0.01209	28.87150383	21.50500087	-2.58342648	37.41663742	19.00040054
1215	0.0121	25.1145916	19.07406616	-2.36243153	41.68920135	17.8954277
1216	0.01211	26.21956635	18.26375198	-2.65709138	41.83653259	22.68364906
1217	0.01212	29.53448868	19.29506111	0.58416605	35.05935669	28.72417259
1218	0.01213	32.18642426	20.47369957	5.15139246	30.19747162	28.35584631
1219	0.01214	30.93412209	18.11642265	7.50867033	31.52344131	24.15694809
1220	0.01215	31.08145142	18.26375198	5.66704702	35.57501221	21.43134499
1221	0.01216	31.67077065	22.97830772	2.64678431	33.58605957	25.04092598
1222	0.01217	29.01883316	27.10354424	1.46814537	29.82914734	27.8401947
1223	0.01218	22.75731277	22.24165916	0.1421764	27.98752403	26.80888557
1224	0.01219	21.50500087	18.92673683	-2.95175099	30.41846657	22.16799355
1225	0.0122	24.74626732	23.19930267	4.42504978	30.56579781	21.79966927
1226	0.01221	26.44055939	29.46082306	0.1421764	30.78679276	23.05197334
1227	0.01222	22.24165916	25.48291588	4.41474295	29.68181801	24.89359665
1228	0.01223	17.37977219	16.93778229	3.75175858	28.13485336	25.63024521
1229	0.01224	10.30793858	12.07569722	1.61547518	23.42029762	27.8401947
1230	0.01225	2.79411435	15.31715393	4.3410778	22.38898849	27.8401947
1231	0.01226	2.64678431	19.44239044	10.38160324	24.74626732	27.10354424
1232	0.01227	19.07406616	19.36872673	12.66521645	27.69286346	25.33558655
1233	0.01228	33.43872833	15.1698246	9.27662945	25.92490578	26.88254929
1234	0.01229	31.52344131	12.51788616	5.44605207	25.04092598	30.41846657
1235	0.0123	19.95804596	10.60259819	8.53997993	23.86228752	34.61737061
1236	0.01231	18.11642265	7.72966528	11.63390732	22.09432793	32.77574539

	AI	AJ	AK	AL	AM	AN
1178	34.91202927	19.16379356	15.61876106	23.81664848	14.58479309	21.5271492
1179	32.62841415	22.56111717	20.86245537	22.19184303	17.24356842	19.16379356
1180	33.14406967	27.43553734	23.81664848	20.64089012	15.91418076	19.01608467
1181	35.57501221	27.65710068	18.86837387	20.56703568	11.48288918	21.89642334
1182	38.07962036	25.21989059	14.14166355	21.30558395	11.48288918	23.44737434
1183	39.47925568	23.0781002	13.18155098	19.45921326	16.13574409	23.3735199
1184	38.96360016	24.62905312	16.72658348	15.47105122	21.5271492	18.49909973
1185	34.69103241	26.99240685	16.94814873	14.58479309	21.82256889	15.17563152
1186	32.99673843	28.02637482	15.69261551	16.50501823	20.78860092	14.21551895
1187	34.24904251	25.58916473	14.73250294	17.39127731	22.26569748	14.88021278
1188	34.91202927	20.41932678	13.40311527	15.32334137	24.48134232	11.70445442
1189	30.56579781	14.3632288	7.34701777	14.2893734	21.74871254	8.08556652
1190	28.06118965	16.43116379	5.86992073	14.2893734	18.57295418	6.46075964
1191	27.91385841	21.15787506	10.37506676	14.3632288	20.34547043	7.93785667
1192	30.78679276	24.18592262	13.10769653	13.92009926	24.92447281	8.97182465
1193	32.40742111	23.00424576	10.22735691	14.95406723	25.73687553	9.56266308
1194	33.07040405	21.60100365	9.48880863	15.84032536	26.47542381	7.86400175
1195	33.73339081	19.75463295	11.99987316	16.50501823	27.14011765	7.49472761
1196	37.71129608	20.78860092	15.47105122	18.86837387	27.73095703	6.9038887
1197	38.2269516	22.11798859	14.2893734	21.01016426	26.10614967	6.68232441
1198	35.05935669	24.33363342	12.3691473	20.34547043	29.06034279	5.64835644
1199	29.09249878	24.11206818	11.18747044	19.23764801	33.34392548	6.75617933
1200	29.23982811	23.3735199	11.92601871	20.34547043	34.23018265	9.41495323
1201	29.75548172	22.85653687	12.07372856	21.45329475	28.32179451	12.22143841
1202	28.65050888	23.15195465	13.55082512	21.15787506	21.30558395	10.89205074
1203	27.69286346	21.67485809	14.14166355	20.78860092	18.12982559	7.71629238
1204	31.37611198	20.78860092	12.95998669	21.5271492	19.16379356	8.38098621
1205	35.79600906	22.04413223	8.23327637	21.23172951	17.09585762	18.12982559
1206	38.59527588	26.54927826	4.76209831	21.74871254	13.40311527	22.48726273
1207	37.71129608	26.99240685	5.64835644	22.85653687	9.85808277	18.12982559
1208	35.64867783	24.48134232	12.22143841	20.19776154	9.71037292	15.54490662
1209	33.43872833	20.64089012	15.32334137	19.31150436	7.86400175	24.62905312
1210	30.63946152	20.05005264	15.54490662	22.48726273	7.49472761	31.71911812
1211	26.51422501	20.78860092	15.54490662	26.10614967	9.85808277	31.27598953
1212	26.21956635	22.78268051	19.31150436	25.0721817	13.69853497	26.84469795
1213	26.07223511	22.56111717	22.26569748	24.18592262	16.13574409	28.83877945
1214	24.74626732	23.74279404	23.00424576	26.69698906	18.42524529	30.75900459
1215	21.87333488	22.70882607	21.5271492	29.72503662	19.6807785	31.12827873
1216	22.38898849	21.67485809	20.93630981	29.94660187	21.30558395	29.35576248
1217	21.28401375	18.86837387	19.6807785	29.94660187	22.78268051	28.32179451
1218	20.17904091	20.27161598	19.31150436	30.6112957	26.18000412	26.77084351
1219	18.55841255	21.60100365	18.27753639	30.02045631	26.47542381	26.62313271
1220	19.73705101	22.11798859	17.24356842	27.28782654	26.84469795	26.69698906
1221	19.36872673	22.11798859	16.35730934	24.99832726	29.06034279	26.77084351
1222	19.00040054	23.44737434	18.27753639	26.84469795	33.19621658	26.40156937
1223	18.41108131	22.85653687	22.04413223	31.05442429	35.26415253	26.99240685
1224	20.10537529	22.56111717	24.77676201	33.19621658	37.18437576	24.70290756
1225	19.81071472	24.77676201	22.56111717	32.97465134	36.1504097	21.45329475
1226	17.37977219	30.24202156	21.15787506	33.71319962	33.34392548	19.31150436
1227	14.2858448	33.93476486	22.63497162	33.63934326	29.57732773	20.56703568
1228	15.46448421	34.304039	24.77676201	32.01453781	28.54335976	20.34547043
1229	16.93778229	31.86682701	24.92447281	30.31587601	26.54927826	19.75463295
1230	18.04275703	29.94660187	26.40156937	30.09431076	25.66302109	17.24356842
1231	19.29506111	28.764925	27.87866592	29.79889107	24.40748787	17.68669701
1232	21.28401375	29.72503662	27.28782654	29.72503662	22.85653687	19.6807785
1233	19.36872673	30.98056984	25.51531029	32.67922974	18.86837387	23.29966545
1234	14.87516499	32.3099556	27.73095703	34.67331314	18.12982559	25.0721817
1235	13.25453568	29.94660187	30.24202156	35.19029617	18.57295418	27.28782654
1236	17.8954277	28.46950531	27.43553734	33.34392548	20.19776154	28.32179451

	AO	AP	AQ	AR	AS	AT
1178	16.35730934	349.393158	75.56541443	9.89050293	30.66401672	19.5330677
1179	11.26132488	349.0985107	71.87267303	10.82359219	30.02558708	21.87180519
1180	10.30121231	348.9511719	67.58909607	12.22322655	30.14836311	23.96435928
1181	10.5227766	346.3728943	65.8165741	11.43746758	30.81134605	22.36417007
1182	10.07964706	340.8480225	67.21981812	10.30793762	32.11276245	20.22237968
1183	8.15942097	340.6270447	69.50931549	8.41720486	33.83161163	18.57295418
1184	4.83595324	348.1408386	68.77076721	8.39264965	34.91202927	18.94223022
1185	0.77393639	353.1500549	64.265625	10.57804298	34.47003937	19.50844955
1186	1.43862998	347.5515442	60.27746201	15.56270409	34.56826019	20.07466888
1187	3.13729167	338.711731	59.39120483	18.87762642	35.28035355	19.23764801
1188	1.73404944	337.4594421	60.12975311	19.12317657	34.17537689	16.38192749
1189	-2.992661	341.8056641	61.08986664	17.20788765	31.62166214	11.99987316
1190	-2.5495317	341.6583252	62.1238327	16.9868927	31.10600662	12.19681931
1191	2.76801729	339.0064087	65.22573853	19.88438034	33.38961792	15.29872322
1192	8.30713081	339.2273865	70.39557648	25.72846603	35.59956741	17.07123947
1193	6.60846949	341.363678	74.08831787	29.01883316	35.01025009	16.06188965
1194	4.1712594	343.6736389	74.82686615	27.49642372	32.72663498	15.64337921
1195	4.24511433	341.8056641	70.61714172	23.17474747	31.4252224	16.0865078
1196	7.93785667	340.3323669	68.32764435	21.43134308	32.89852142	18.37600899
1197	7.49472761	339.8903809	70.46942902	20.76836014	33.46328354	19.13917542
1198	4.83595324	340.7006836	75.0484314	19.83527184	32.8739624	19.01608276
1199	1.29092038	342.5423279	78.22418976	18.43563652	31.79354668	18.17906189
1200	0.99550092	341.5846863	78.81503296	19.76160622	34.02804947	18.54833603
1201	1.43862998	338.5644226	79.62743378	21.5050087	35.13302231	18.79451942
1202	4.09740448	334.1445007	82.80319214	22.26621437	34.17538071	19.28688431
1203	6.60846949	330.7559204	85.24040222	20.40003586	33.97893906	18.86837387
1204	8.08556652	331.2715759	87.97303009	20.05626488	35.20668793	18.42524529
1205	6.38690472	336.1334534	88.78543091	21.18579483	34.86291885	17.16971207
1206	5.94377565	338.7854004	87.6776123	23.91139603	32.70207977	17.68669701
1207	7.64243746	328.0303345	84.05872345	24.91815186	31.79354668	18.49909973
1208	9.85808277	311.1610413	82.21235657	25.16370201	33.29140091	18.96684647
1209	10.07964706	306.2254944	85.60967255	24.84448624	33.85616302	18.42524529
1210	11.63059902	313.7393189	89.15470886	25.01637268	32.16186905	19.36074066
1211	13.69853497	320.8848267	89.74554443	22.58542824	30.0992527	20.81321907
1212	17.53898621	319.1168823	89.74554443	18.63207626	29.26438332	22.38878822
1213	18.12982559	309.835083	91.44420624	16.44668388	28.18396378	23.00424576
1214	18.12982559	301.9529419	93.95527649	15.93102837	27.05443573	24.48134232
1215	16.65272903	298.9326782	92.25661469	13.94207573	27.15265465	24.65367126
1216	17.53898621	304.5312195	90.33638763	13.94207573	28.96972275	24.18592262
1217	16.20960045	310.5717468	90.33638763	16.47123909	28.35584831	22.83191872
1218	14.14166355	311.455719	94.47225952	19.27050591	26.24411964	23.39813805
1219	12.3691473	306.7411499	96.9094696	18.85307121	24.74626732	23.29966545
1220	15.02792263	303.3525696	94.98924255	18.3374176	25.5811367	22.21646118
1221	16.94814873	303.2052307	91.51806641	19.09862137	25.9985714	21.15787506
1222	20.12390709	305.2678528	91.14878845	19.19684029	25.5565815	22.85653687
1223	23.44737434	307.6251221	94.25069427	15.04704952	24.40249634	25.3183651
1224	27.28782654	311.6030579	97.79572296	12.49333191	24.2306118	26.84469795
1225	27.73095703	312.7080078	97.86958313	14.50683975	24.05872726	26.77084351
1226	28.32179451	310.5717468	99.19896698	18.68118668	23.7395134	28.37103271
1227	30.24202156	308.3617859	101.4146118	17.37977219	22.95375252	30.06969261
1228	33.63934326	309.835083	103.9256821	12.6897707	23.07652664	30.3651123
1229	33.86090851	312.9290161	106.289032	7.99977016	22.73275757	29.03572464
1230	33.12236023	311.7503662	108.6523895	7.4841156	22.75731277	28.8141613
1231	33.63934326	309.6877441	111.0895996	10.82359314	23.71495819	28.8141613
1232	37.62750626	308.6564331	112.1974182	17.03600311	24.77082062	28.9126339
1233	38.95689392	309.6877441	112.5666962	19.29506111	24.05872726	29.72503662
1234	38.51376343	311.7503662	111.9020004	16.49579239	23.44485283	31.57140923
1235	37.47979736	311.8240356	108.7262421	13.03354168	23.91139793	31.79297256
1236	37.77521515	312.1923523	111.2373123	12.49333191	24.25516701	29.74965668

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1178	17.48974991
1179	15.88956261
1180	15.07715893
1181	14.63402939
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1187	13.42773438
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1189	8.9472065
1190	7.49472713
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1194	12.83689499
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1199	13.79700851
1200	14.88021183
1201	13.99395466
1202	12.09834671
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1209	14.1909008
1210	16.94814873
1211	18.27753639
1212	19.36074066
1213	21.03478241
1214	22.43802452
1215	22.48726273
1216	22.73344421
1217	22.43802452
1218	22.36417007
1219	21.82256699
1220	22.85653687
1221	24.25977898
1222	26.57389832
1223	28.56797791
1224	29.72503662
1225	28.44488716
1226	26.99240875
1227	26.79546165
1228	27.50939178
1229	26.72160721
1230	25.34298325
1231	25.24450874
1232	26.72160721
1233	27.04164505
1234	27.23859024
1235	27.78019333
1236	28.7649231

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1237								.007310	19.96	29.95	10.60	30.24	8.54	35.19
1238								.007320	18.12	28.47	7.73	27.44	11.63	33.34
1239								.007330	20.84	28.10	4.05	13.55	12.37	34.89
1240								.007340	20.69	29.06	4.56	.48	12.30	39.25
1241								.007350	16.05	28.03	7.36	5.06	13.33	42.87
1242								.007360	15.54	31.20	9.13	24.92	12.22	41.84
1243								.007370	18.78	35.41	8.83	37.70	10.60	40.14
1244								.007380	22.32	37.48	9.42	37.33	10.01	40.29
1245								.007390	21.28	33.93	6.70	30.61	11.19	40.43
1246								.007400	21.21	32.16	3.83	28.62	10.82	38.00
1247								.007410	20.99	32.90	2.43	29.80	9.42	37.26
1248								.007420	21.58	35.85	7.58	32.46	9.06	39.99
1249								.007430	20.40	34.67	15.32	35.41	8.91	44.13
1250								.007440	20.25	34.38	20.77	38.66	6.33	43.83
1251								.007450	18.41	36.15	19.88	37.63	2.65	39.10
1252								.007460	16.05	40.73	17.60	36.96	2.20	35.85
1253								.007470	14.21	42.21	13.25	39.03	4.05	38.14
1254								.007480	16.50	41.25	10.01	43.54	3.68	43.17
1255								.007490	18.56	38.22	9.13	44.50	.88	45.75
1256								.007500	18.93	37.78	12.30	42.72	-1.70	44.42
1257								.007510	17.16	39.77	14.88	42.80	-.52	42.87
1258								.007520	17.53	43.24	12.37	45.90	-.45	42.50
1259								.007530	17.67	43.83	6.33	48.78	-3.39	43.17
1260								.007540	18.26	43.09	4.49	48.63	-7.30	44.27
1261								.007550	15.61	39.40	7.95	48.11	-5.68	48.26
1262								.007560	13.84	37.63	9.50	49.08	-5.31	52.25
1263								.007570	16.20	37.92	6.11	50.04	-6.63	52.99
1264								.007580	21.87	39.70	5.15	52.32	-6.63	49.74
1265								.007590	22.02	38.81	6.85	53.88	-2.80	49.89
1266								.007600	17.38	38.74	6.18	53.95	-2.22	52.69
1267								.007610	11.34	37.78	1.25	52.77	-5.09	54.98
1268								.007620	12.08	37.33	.22	55.80	-7.81	57.20
1269								.007630	15.24	35.63	1.76	58.09	-8.55	60.60
1270								.007640	18.78	37.78	1.62	57.64	-9.88	61.85
1271								.007650	18.71	41.39	-1.70	56.24	-9.58	60.01
1272								.007660	18.71	45.68	-2.36	58.53	-7.08	58.31
1273								.007670	16.20	46.19	-1.04	57.13	-6.93	58.60
1274								.007680	12.00	44.42	.88	54.02	-9.58	58.60
1275								.007690	9.13	42.80	-.01	52.62	-11.20	58.16
1276								.007700	9.94	43.09	-1.26	54.91	-11.42	59.12
1277								.007710	7.51	41.25	-2.95	55.43	-12.38	61.48
1278								.007720	4.78	40.66	-.52	55.72	-13.71	63.62
1279								.007730	4.27	42.50	1.10	55.65	-12.60	67.39
1280								.007740	7.51	46.71	-1.33	55.43	-13.26	71.45
1281								.007750	6.62	45.75	-5.31	55.35	-16.65	74.85
1282								.007760	4.86	43.83	-7.59	55.57	-18.13	75.88
1283								.007770	3.46	42.87	-8.48	54.84	-12.90	75.44
1284								.007780	5.00	46.12	-6.63	55.35	-9.95	73.37
1285								.007790	.58	47.82	-2.36	56.68	-13.04	72.78
1286								.007800	-5.60	49.96	1.76	57.79	-19.01	73.74
1287								.007810	-9.95	50.63	.22	57.42	-19.38	73.08
1288								.007820	-7.96	51.51	-1.92	60.37	-16.80	71.60
1289								.007830	-5.01	49.30	-2.80	63.48	-14.89	72.86
1290								.007840	-6.34	46.34	-1.70	63.77	-14.15	76.25
1291								.007850	-15.33	44.72	-2.44	60.82	-13.34	78.54
1292								.007860	-18.42	47.15	-1.55	62.66	-13.49	79.50
1293								.007870	-10.39	49.15	-1.11	66.73	-12.09	81.64
1294								.007880	1.91	51.00	-1.11	68.94	-10.54	81.42
1295								.007890	5.08	51.73	-3.25	67.17	-11.28	80.09

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1237	23.86	18.57	34.62	27.29	13.25	37.48	.007310	311.82	108.73	13.03	31.79	23.91	27.78	
1238	22.09	20.20	32.78	28.32	17.90	37.78	.007320	312.19	111.24	12.49	29.75	24.26	28.76	
1239	18.85	20.64	29.76	31.57	20.25	36.82	.007330	310.20	116.48	12.42	25.52	22.95	29.68	
1240	17.23	21.82	24.75	31.87	19.37	37.78	.007340	310.06	119.37	12.52	22.93	20.45	30.49	
1241	16.42	21.67	24.16	30.54	15.98	37.63	.007350	311.31	118.33	12.25	25.32	18.85	29.95	
1242	17.53	21.08	26.37	29.36	17.82	37.78	.007360	311.60	119.21	12.30	32.65	20.57	29.40	
1243	19.00	20.79	31.16	32.46	23.27	37.48	.007370	312.19	126.01	12.74	37.75	24.48	30.24	
1244	19.59	22.66	31.97	36.59	27.69	37.78	.007380	312.63	132.14	13.92	38.37	26.42	32.31	
1245	17.09	24.19	29.68	38.81	23.27	34.97	.007390	314.03	133.76	13.06	34.99	23.35	32.65	
1246	17.67	27.51	26.22	37.78	15.54	33.05	.007400	317.35	134.06	11.95	32.93	19.81	32.78	
1247	19.59	29.65	28.28	38.07	11.27	32.16	.007410	319.26	135.76	10.95	33.32	19.71	33.29	
1248	22.46	31.13	30.20	38.66	16.05	33.71	.007420	320.00	139.45	12.74	36.10	22.90	34.50	
1249	21.36	31.28	29.61	40.51	22.39	33.27	.007430	315.88	139.45	14.88	38.07	24.45	35.02	
1250	20.77	35.12	25.34	39.62	25.92	33.49	.007440	313.08	140.26	15.78	38.96	24.01	36.08	
1251	19.59	39.70	24.45	37.78	21.80	34.30	.007450	311.46	146.54	13.65	37.63	21.95	37.26	
1252	18.93	43.46	26.44	33.34	15.91	36.30	.007460	309.02	154.81	11.95	37.85	20.42	37.70	
1253	13.99	43.39	28.50	31.87	14.36	36.74	.007470	306.89	160.94	10.50	39.79	18.95	37.33	
1254	8.32	41.84	25.48	33.34	16.64	36.59	.007480	304.97	166.55	10.06	42.65	16.82	37.26	
1255	6.18	38.22	24.38	37.18	15.91	37.18	.007490	304.02	175.27	9.52	42.82	15.49	37.53	
1256	10.97	38.07	23.94	36.96	14.14	39.84	.007500	304.97	184.58	9.84	41.64	16.35	38.29	
1257	15.54	40.06	23.49	34.53	13.03	42.35	.007510	308.66	188.56	10.50	41.81	17.36	38.98	
1258	17.31	40.88	19.74	31.72	13.48	43.61	.007520	315.88	190.04	9.82	43.88	16.84	38.74	
1259	17.38	39.40	19.74	33.71	10.46	42.35	.007530	317.50	190.78	6.87	45.26	15.86	38.49	
1260	17.09	39.10	22.39	37.63	8.61	44.64	.007540	312.12	194.62	5.15	45.33	16.03	40.46	
1261	13.77	36.45	24.53	39.55	10.09	49.08	.007550	303.79	198.53	5.96	45.26	16.13	41.69	
1262	12.89	34.16	20.77	37.18	14.51	52.84	.007560	301.07	201.41	6.01	46.32	16.05	41.39	
1263	13.92	34.38	18.12	37.78	14.51	52.69	.007570	302.62	203.04	5.23	46.98	15.51	41.62	
1264	14.58	36.30	17.38	40.14	12.37	51.51	.007580	304.68	203.33	6.80	47.25	14.78	42.65	
1265	11.93	34.38	15.76	41.32	9.42	47.67	.007590	304.68	200.75	8.69	47.52	12.37	41.12	
1266	9.94	32.31	11.56	39.84	11.93	46.64	.007600	304.97	199.57	7.12	48.46	11.14	39.60	
1267	8.39	31.72	10.90	40.43	14.88	48.26	.007610	304.16	197.72	2.50	48.51	11.39	40.14	
1268	10.09	34.23	11.49	40.43	16.05	52.62	.007620	302.98	194.25	1.49	50.11	12.54	42.43	
1269	10.31	35.26	12.44	41.54	11.93	53.36	.007630	300.26	185.39	2.82	51.44	11.56	43.39	
1270	13.25	38.14	11.41	42.21	10.16	53.28	.007640	299.01	179.41	3.51	52.42	11.61	44.55	
1271	12.96	39.10	11.49	42.95	9.79	51.73	.007650	298.34	175.79	2.47	52.55	11.41	44.59	
1272	12.67	41.17	13.77	43.24	9.64	51.51	.007660	299.96	171.65	3.09	54.17	12.03	45.31	
1273	12.81	44.42	15.83	44.42	6.92	49.44	.007670	303.94	168.77	2.75	53.97	11.85	46.10	
1274	14.65	47.75	11.85	43.39	5.89	46.93	.007680	306.74	169.21	1.10	52.35	10.80	46.02	
1275	13.40	46.05	8.54	47.01	8.47	44.87	.007690	305.56	170.03	-69	51.19	10.14	45.97	
1276	11.78	44.79	8.47	52.25	13.40	46.34	.007700	302.17	166.85	-91	52.37	11.22	47.79	
1277	7.66	44.79	12.00	55.65	13.40	47.82	.007710	300.33	162.12	-2.61	52.72	11.02	49.42	
1278	5.37	46.05	10.90	51.51	10.09	49.00	.007720	304.53	161.98	-3.15	53.33	8.79	48.85	
1279	4.12	46.49	8.39	49.67	7.44	47.89	.007730	309.54	160.42	-2.41	55.18	6.85	48.02	
1280	5.67	48.11	7.07	50.77	8.91	48.34	.007740	313.08	157.99	-2.36	57.86	7.21	49.08	
1281	7.36	51.00	9.79	52.40	9.87	48.71	.007750	310.79	156.07	-5.11	58.65	9.01	50.70	
1282	8.69	55.80	11.34	50.70	11.04	50.48	.007760	305.12	156.95	-6.95	58.43	10.36	52.32	
1283	8.98	58.16	12.67	51.29	9.42	49.00	.007770	298.34	156.66	-5.97	57.72	10.36	52.82	
1284	9.20	57.72	13.40	55.20	10.31	48.71	.007780	294.95	153.41	-3.86	58.28	10.97	53.88	
1285	5.52	55.94	17.01	59.71	12.22	49.37	.007790	297.16	150.08	-4.94	59.09	11.58	55.01	
1286	2.20	56.68	18.41	58.23	16.79	52.10	.007800	302.47	150.45	-7.62	60.50	12.47	55.67	
1287	1.69	57.49	16.57	56.39	18.34	51.51	.007810	304.53	152.74	-9.70	60.37	12.20	55.13	
1288	5.52	57.57	8.98	55.28	17.97	52.99	.007820	303.28	156.88	-8.89	61.16	10.82	55.28	
1289	6.18	56.31	5.37	57.13	13.84	56.90	.007830	300.85	159.76	-7.57	61.88	8.47	56.78	
1290	7.07	59.78	5.15	57.72	11.04	61.78	.007840	304.90	161.53	-7.40	62.12	7.75	59.76	
1291	8.25	61.85	6.85	57.13	8.98	62.30	.007850	312.12	160.20	-10.37	61.36	8.02	60.42	
1292	10.16	60.52	7.07	57.27	9.50	60.97	.007860	313.15	160.94	-11.15	63.11	8.91	59.59	
1293	7.51	57.27	7.14	59.86	11.27	57.13	.007870	306.00	161.83	-7.88	65.84	8.64	58.09	
1294	3.31	60.67	5.08	59.64	13.84	54.76	.007880	305.56	163.45	-3.25	67.12	7.41	58.36	
1295	1.62	62.89	3.02	57.35	13.70	54.47	.007890	311.97	161.53	-3.15	66.33	6.11	58.23	

	AC	AD	AE	AF	AG	AH
1237	0.01232	20.84202385	4.04641819	12.37055683	18.85307121	29.75548172
1238	0.01233	20.69469452	4.56207275	12.29689121	17.23244286	24.74626732
1239	0.01234	16.0538044	7.36134052	13.32820129	16.42212868	24.15694809
1240	0.01235	15.53814888	9.12929916	12.22322655	17.52710152	26.36689568
1241	0.01236	18.77940559	8.83463955	10.60259819	19.00040054	31.15511703
1242	0.01237	22.31532288	9.42395878	10.01327896	19.58972168	31.96543121
1243	0.01238	21.28401375	6.69835615	11.19191742	17.08511353	29.68181801
1244	0.01239	21.21035004	3.82542348	10.82359314	17.67443275	26.21956635
1245	0.0124	20.98935509	2.42578959	9.42395878	19.58972168	28.2621846
1246	0.01241	21.57867432	7.58233547	9.0556345	22.46265411	30.19747162
1247	0.01242	20.40003586	15.31715393	8.90830421	21.35767937	29.60815239
1248	0.01243	20.25270462	20.76836014	6.33003139	20.76836014	25.33558655
1249	0.01244	18.41108131	19.88438034	2.64678431	19.58972168	24.45160675
1250	0.01245	16.0538044	17.60076714	2.20479465	18.92673683	26.44055939
1251	0.01246	14.21218014	13.25453568	4.04641819	13.99118519	28.50317955
1252	0.01247	16.49579239	10.01327896	3.67809367	8.31898499	25.48291588
1253	0.01248	18.55841255	9.12929916	0.87882584	6.18270159	24.37794113
1254	0.01249	18.92673683	12.29689121	-1.69944715	10.97092247	23.93595314
1255	0.0125	17.15877724	14.87516499	-0.52080804	15.53814888	23.49396324
1256	0.01251	17.52710152	12.37055683	-0.44714311	17.30610847	19.73705101
1257	0.01252	17.67443275	6.33003139	-3.39374065	17.37977219	19.73705101
1258	0.01253	18.26375198	4.48840809	-7.29798269	17.08511353	22.38898649
1259	0.01254	15.61181355	7.95066023	-5.67735386	13.77019024	24.52527237
1260	0.01255	13.84385586	9.49762344	-5.3090291	12.8862114	20.76836014
1261	0.01256	16.20113373	6.10903645	-6.63499832	13.91752052	18.11642265
1262	0.01257	21.87333488	5.15139246	-6.63499832	14.58050442	17.37977219
1263	0.01258	22.02066422	6.84568596	-2.80442119	11.92856693	15.75914383
1264	0.01259	17.37977219	6.18270159	-2.21510172	9.93961334	11.56024265
1265	0.0126	11.3392477	1.24715054	-5.08803463	8.39264965	10.8972578
1266	0.01261	12.07589722	0.21584135	-7.81363726	10.06694363	11.48657703
1267	0.01262	15.24348927	1.7628051	-8.55028629	10.30793858	12.4442215
1268	0.01263	18.77940559	6.1547518	-9.87625599	13.25453568	11.41291237
1269	0.01264	18.70574188	-1.69944715	-9.58159542	12.95987606	11.48657703
1270	0.01265	18.70574188	-2.36243153	-7.07698774	12.66521645	13.77019024
1271	0.01266	16.20113373	-1.03646266	-6.92965794	12.81254578	15.83280849
1272	0.01267	12.0022316	0.87882584	-9.58159542	14.65417004	11.85490227
1273	0.01268	9.12929916	-0.00515347	-11.20222473	13.40186596	8.53997993
1274	0.01269	9.93961334	-1.25745749	-11.42321968	11.78123665	8.46631432
1275	0.0127	7.50867033	-2.95175099	-12.38086319	7.65600061	12.0022316
1276	0.01271	4.7830677	-0.52080804	-13.70683289	5.37238741	10.8972578
1277	0.01272	4.26741314	1.09982061	-12.60185814	4.12008333	8.39264965
1278	0.01273	7.50867033	-1.3311224	-13.26484299	5.66704702	7.06668091
1279	0.01274	6.62469101	-5.3090291	-18.65343094	7.36134052	9.79228401
1280	0.01275	4.85673285	-7.59264231	-18.12672806	8.68730927	11.3392477
1281	0.01276	3.45709872	-8.47662163	-12.89651775	8.96196888	12.66521645
1282	0.01277	5.00406265	-6.63499832	-9.94992065	9.20296383	13.40186596
1283	0.01278	0.58416605	-2.36243153	-13.04384804	5.51971722	17.01144791
1284	0.01279	-5.60368919	1.7628051	-19.01070786	2.20479465	18.41108131
1285	0.0128	-9.94992065	0.21584135	-19.37903214	1.6891402	16.56945801
1286	0.01281	-7.96096706	-1.92044199	-18.80076027	5.51971722	8.98196888
1287	0.01282	-5.01436949	-2.80442119	-14.86547134	6.18270159	5.37238741
1288	0.01283	-6.34033823	-1.69944715	-14.14882183	7.06668091	5.15139246
1289	0.01284	-15.32746124	-2.43609643	-13.33850765	8.24532032	6.84568596
1290	0.01285	-18.42138863	-1.55211723	-13.48583794	10.16060829	7.06668091
1291	0.01286	-10.39191055	-1.11012757	-12.08620358	7.50867033	7.14034557
1292	0.01287	1.91013503	-1.11012757	-10.53923988	3.30976892	5.07772732
1293	0.01288	5.07772732	-3.24641085	-11.2758894	1.61547518	3.01510906
1294	0.01289	3.01510906	-3.24641085	-14.14882183	5.00406265	1.54181027
1295	0.0129	1.61547518	-0.44714311	-16.35877037	7.72966528	4.26741314

	AI	AJ	AK	AL	AM	AN
1237	20.25270462	28.10023117	13.55082512	34.89487839	20.64089012	31.57140923
1238	19.36872673	29.06034279	0.478517	39.25231171	21.82256889	31.86682701
1239	15.98013878	28.02637482	5.05751753	42.87120056	21.67485809	30.53744125
1240	17.82176208	31.20213318	24.92447281	41.83723068	21.08402061	29.35576248
1241	23.27296829	35.41186142	37.70136261	40.13856888	20.78860092	32.4576683
1242	27.69286346	37.47979736	37.33208466	40.28628159	22.56111717	36.59353638
1243	23.27296829	33.93476486	30.6112957	40.43399048	24.18592262	38.80918503
1244	15.53814888	32.1622467	28.6172142	37.9967804	27.50939178	37.77521515
1245	11.26558208	32.90079498	29.79889107	37.25823212	29.65118217	38.07063675
1246	16.0538044	35.8549881	32.4576683	39.99085999	31.12827873	38.66147232
1247	22.38898849	34.67331314	35.41186142	44.12673187	31.27598953	40.50784683
1248	25.92490578	34.37789154	38.66147232	43.83131409	35.11643982	39.62158585
1249	21.79966927	36.1504097	37.62750626	39.10460281	39.6954422	37.77521515
1250	15.90647411	40.72940826	36.96281052	35.8549881	43.46203995	33.34392548
1251	14.35951042	42.20650482	39.03074646	38.14448929	43.38818359	31.86682701
1252	16.64312363	41.24639511	43.53589249	43.16661835	41.83723068	33.34392548
1253	15.90647411	38.21834564	44.49600601	45.75154114	38.21834564	37.18437576
1254	14.13851547	37.77521515	42.72349167	44.42215347	38.07063675	36.96281052
1255	13.03354073	39.76929474	42.79734421	42.87120056	40.06471634	34.52560043
1256	13.47553062	43.2404747	45.89925003	42.50192642	40.87712097	31.71911812
1257	10.45526791	43.83131409	48.77958679	43.16661835	39.4000206	33.71319962
1258	8.6136446	43.09276581	48.6318779	44.27444077	39.10460281	37.62750626
1259	10.08694363	39.4000206	48.11489487	48.26260376	36.44582748	39.54773331
1260	14.50683975	37.62750626	49.07500839	52.25076675	34.15632629	37.18437576
1261	14.50683975	37.92292404	50.03512192	52.98931503	34.37789154	37.77521515
1262	12.37055683	39.6954422	52.32461929	49.73970032	36.29811859	40.13856888
1263	9.42395878	38.80918503	53.8755722	49.88740921	34.37789154	41.32024765
1264	11.92856693	38.73532867	53.94942856	52.69389343	32.3099556	39.84315109
1265	14.87516499	37.77521515	52.76774979	54.98339462	31.71911812	40.43399048
1266	16.0538044	37.33208466	55.79579926	57.19903946	34.23018265	40.43399048
1267	11.92856693	35.63342667	58.08530045	60.59636307	35.26415253	41.5418129
1268	10.16060829	37.77521515	57.64216995	61.85189819	38.14448929	42.20650482
1269	9.79228401	41.394104	56.23892593	60.00552368	39.10460281	42.94505692
1270	9.64495373	45.67768478	58.52842712	58.30686188	41.17253876	43.2404747
1271	6.9193511	46.19466782	57.12518692	58.60228348	44.42215347	44.42215347
1272	5.88804197	44.42215347	54.0232811	58.60228348	47.74562073	43.38818359
1273	8.46631432	42.79734421	52.62004089	58.15915298	46.04695892	47.00707245
1274	13.40186596	43.09276581	54.90954208	59.11926651	44.79142761	52.25076675
1275	13.40186596	41.24639511	55.42652512	61.48262024	44.79142761	55.64809036
1276	10.08694363	40.65555573	55.7219429	63.62441254	46.04695892	51.51221848
1277	7.43500566	42.50192642	55.64809036	67.39100647	46.49008942	49.66584778
1278	8.90830421	46.71165085	55.42652512	71.45302582	48.11489487	50.7736702
1279	9.86594868	45.75154114	55.35266876	74.85034943	50.99523544	52.39847565
1280	11.04458809	43.83131409	55.57423401	75.88431549	55.79579926	50.69981384
1281	9.42395878	42.87120056	54.83568573	75.441185	58.15915298	51.29065323
1282	10.30793858	46.12081528	55.35266876	73.37325287	57.71602631	55.20495987
1283	12.22322655	47.81947327	56.68205643	72.7824173	55.94350815	59.7101059
1284	16.79045296	49.96126556	57.78987885	73.74252319	56.68205643	58.23300934
1285	18.3374176	50.62595749	57.42060471	73.07783508	57.49446106	56.38663864
1286	17.96909142	51.51221848	60.37479782	71.60073853	57.5683136	55.27881622
1287	13.84385586	49.29657364	63.47670364	72.85626984	56.31278229	57.12518692
1288	11.04458809	46.34237671	63.77212143	76.25359344	59.78396225	57.71602631
1289	8.98196888	44.71757126	60.81792831	78.54309082	61.85189819	57.12518692
1290	9.49762344	47.15478134	62.66429901	79.50320435	60.52251053	57.27289581
1291	11.26558208	49.14886093	66.72631836	81.64499664	57.27289581	59.85781479
1292	13.84385586	50.99523544	68.9419632	81.4234314	60.67021942	59.63624954
1293	13.69652557	51.73378372	67.16944885	80.09404755	62.88586426	57.34675217
1294	12.4442215	52.69389343	65.98777008	80.46331787	61.63033295	57.42060471
1295	10.23427296	52.25076675	65.98777008	82.60511017	58.15915298	63.77212143

	AO	AP	AQ	AR	AS	AT
1237	36.81510162	310.2033997	116.4810028	12.41966629	22.95375252	25.51531219
1238	37.77521515	310.0560913	119.7306137	12.51788616	20.44914627	22.93039131
1239	37.62750626	311.3083801	118.3273773	12.24778175	18.85307121	25.3183651
1240	37.77521515	311.6030579	119.2136307	12.29689121	20.57192039	32.65461349
1241	37.47979736	312.1923523	126.0082779	12.73888111	24.47616196	37.75059891
1242	37.77521515	312.6343384	132.1382294	13.91752052	26.41600609	38.36605453
1243	34.96873093	314.0339966	133.763031	13.05809593	23.34663391	34.99335098
1244	33.04850388	317.3489075	134.0584564	11.95312214	19.81071663	32.92541504
1245	32.1622467	319.2641907	135.7571259	10.94636822	19.7124958	33.31930542
1246	33.71319962	320.0008545	139.4498596	12.73888111	22.90464401	36.1011734
1247	33.27006912	315.8756104	139.4498596	14.87516499	24.45160675	38.07063675
1248	33.49163437	313.076355	140.2622681	15.78369904	24.00961685	38.95689392
1249	34.304039	311.455719	146.5399323	13.64741516	21.9469986	37.62750626
1250	36.29811859	309.0247803	154.811676	11.95312214	20.42459106	37.84906769
1251	36.74124908	306.8884888	160.9416199	10.50437832	18.95129204	39.79391479
1252	36.59353638	304.9732056	166.554596	10.06238842	16.81500816	42.64963531
1253	37.18437576	304.015564	175.269455	9.5221796	15.48903847	42.82196426
1254	39.84315109	304.9732056	184.5751801	9.84139347	16.34846306	41.64028549
1255	42.35421753	308.6564331	188.5633392	10.50437832	17.35521698	41.81261444
1256	43.60974884	315.8756104	190.0404358	9.81683826	16.83956337	43.88055038
1257	42.35421753	317.4962463	190.7789764	6.87024117	15.8573637	45.25917435
1258	44.6437149	312.1186829	194.6194305	5.15139246	16.02924919	45.33302689
1259	49.07500839	303.7945557	198.5337372	5.96170664	16.12746811	45.25917435
1260	52.84160614	301.0689697	201.4140778	6.01081657	16.0538044	46.31776047
1261	52.69389343	302.6159058	203.0388794	5.22505713	15.51359463	46.98245239
1262	51.51221848	304.6785278	203.3343048	6.7965765	14.77694416	47.25325394
1263	47.67176437	304.6785278	200.7493897	8.68730927	12.37055683	47.52405548
1264	46.63779831	304.9732056	199.5677033	7.11579084	11.14280796	48.45954895
1265	48.26260376	304.1628723	197.721344	2.4994545	11.38835716	48.50878525
1266	52.62004089	302.9842529	194.2501526	1.49270046	12.54244137	50.10897446
1267	53.35858917	300.2586365	185.3875732	2.81866932	11.56024265	51.43836212
1268	53.28473282	299.0063477	179.4053345	3.50620818	11.60935211	52.4230957
1269	51.73378372	298.3433533	175.7864533	2.47489977	11.41291237	52.54618454
1270	51.51221848	299.9639893	171.6505737	3.0887742	12.0267868	54.17098999
1271	49.44428253	303.9418945	168.7702332	2.74500442	11.85490227	53.9740448
1272	46.93321609	306.7411499	169.2133637	1.09982061	10.79903793	52.34923935
1273	44.86528015	305.5625305	170.0257721	-0.692693	10.13605309	51.19218063
1274	46.34237671	302.1739197	166.8500061	-0.91368794	11.21647263	52.37385941
1275	47.81947327	300.3323059	162.1233063	-2.6079812	11.02003288	52.71851349
1276	49.00115204	304.5312195	161.9755859	-3.14819098	8.78553009	53.33396912
1277	47.89332962	309.5404358	160.4246368	-2.41154146	6.64924622	55.18033981
1278	48.33646011	313.076355	157.9874268	-2.36243176	7.21401072	57.8637352
1279	48.70573425	310.7927246	156.0671997	-5.11258984	9.00652409	58.65151978
1280	50.4782486	305.1205139	156.9534607	-6.95421267	10.35704803	58.42995453
1281	49.00115204	298.3433533	156.6580353	-5.97201347	10.35704803	57.71602249
1282	48.70573425	294.954773	153.408432	-3.86028552	10.97092247	58.28224564
1283	49.37042618	297.1647034	150.0849609	-4.94070435	11.58479691	59.09465027
1284	52.10305786	302.4685974	150.4542389	-7.61719751	12.4687767	60.49789047
1285	51.51221848	304.5312195	152.7437286	-9.7043705	12.19867229	60.37479782
1286	52.98931503	303.2789002	156.8796082	-8.89405632	10.82359219	61.16258621
1287	56.90362167	300.8479614	159.7599487	-7.56808758	8.46631527	61.87651443
1288	61.77804184	304.8995361	161.5324554	-7.39620256	7.75422049	62.12269592
1289	62.29502487	312.1186829	160.2030792	-10.36735535	8.02432537	61.3595314
1290	60.96563721	313.1499939	160.9416199	-11.15311432	8.90830421	63.1074295
1291	57.12518692	306.0045166	161.8278809	-7.86274719	8.63819885	65.84005737
1292	54.76182938	305.5625305	163.4526825	-3.24641085	7.41045094	67.12020874
1293	54.46641159	311.9713745	161.5324554	-3.14819098	6.10903645	66.33242798
1294	55.79579926	313.9603272	156.2149048	-4.79337454	6.33003139	66.38166046
1295	56.09121704	309.6877441	152.2267456	-5.06347942	7.41045046	66.94788361

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1237	29.67580032
1238	30.48820305
1239	29.94660187
1240	29.40499878
1241	30.24202156
1242	32.30995556
1243	32.65461349
1244	32.77770233
1245	33.29468918
1246	34.50098419
1247	35.01796722
1248	36.07655334
1249	37.25823212
1250	37.70136261
1251	37.33208466
1252	37.25823212
1253	37.52903366
1254	38.29219818
1255	38.98151016
1256	38.73532867
1257	38.48914719
1258	40.45860672
1259	41.68952179
1260	41.394104
1261	41.61566544
1262	42.64963531
1263	41.12330246
1264	39.5969696
1265	40.13857269
1266	42.42807007
1267	43.38818359
1268	44.54524231
1269	44.59448242
1270	45.30841064
1271	46.09619522
1272	46.02233887
1273	45.97310257
1274	47.79485703
1275	49.41966248
1276	48.85344315
1277	48.01642227
1278	49.07500839
1279	50.69981384
1280	52.32461929
1281	52.81698608
1282	53.8755722
1283	55.00801468
1284	55.6727066
1285	55.13110733
1286	55.27881622
1287	56.78052902
1288	59.75934219
1289	60.42403793
1290	59.58701324
1291	58.08530045
1292	58.35609818
1293	58.23300934
1294	58.28224564
1295	59.34083176

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1296								.007900	3.02	52.69	-3.25	65.99	-14.15	80.46
1297								.007910	1.62	52.25	-.45	65.99	-16.36	82.61
1298								.007920	4.49	51.81	3.24	69.61	-16.14	83.20
1299								.007930	6.70	48.85	.29	71.01	-15.77	81.28
1300								.007940	7.66	45.97	-4.72	69.46	-15.03	80.32
1301								.007950	6.92	46.49	-8.48	66.87	-10.91	82.68
1302								.007960	7.95	50.33	-5.31	68.65	-7.59	85.49
1303								.007970	6.62	50.55	-1.33	71.45	-7.89	86.45
1304								.007980	4.41	49.67	-1.63	71.53	-12.53	83.05
1305								.007990	.95	48.41	-5.82	71.01	-14.96	80.17
1306								.008000	2.06	50.04	-6.49	73.52	-17.17	77.95
1307								.008010	3.53	50.26	-1.48	76.92	-19.45	78.69
1308								.008020	3.83	51.22	2.13	78.84	-22.55	79.72
1309								.008030	2.13	51.96	-.59	79.28	-23.50	80.91
1310								.008040	3.90	54.54	-4.43	79.87	-22.84	81.20
1311								.008050	5.59	54.10	-5.01	77.95	-20.93	82.68
1312								.008060	5.59	53.14	-.30	76.48	-19.75	83.57
1313								.008070	2.35	51.66	1.17	76.62	-18.79	84.01
1314								.008080	1.62	52.10	-.52	78.40	-18.57	84.01
1315								.008090	3.83	51.07	-4.50	78.54	-19.67	85.63
1316								.008100	9.35	51.96	-3.54	78.69	-24.09	86.00
1317								.008110	14.36	52.62	-.74	79.13	-25.35	86.37
1318								.008120	16.64	53.58	.07	81.05	-21.96	87.85
1319								.008130	14.88	53.28	-2.36	81.50	-15.77	90.29
1320								.008140	13.03	53.28	-2.95	82.83	-11.79	92.21
1321								.008150	10.16	54.02	-1.92	83.71	-11.28	93.02
1322								.008160	8.83	56.68	.44	85.19	-13.26	93.31
1323								.008170	9.57	58.75	-1.18	83.12	-12.68	93.76
1324								.008180	10.16	58.31	-6.63	82.38	-12.38	93.46
1325								.008190	8.61	55.06	-12.90	84.16	-14.96	94.94
1326								.008200	10.16	56.39	-13.12	88.00	-20.26	93.68
1327								.008210	14.65	58.90	-7.37	88.00	-20.93	89.62
1328								.008220	21.21	60.30	-2.66	85.12	-17.02	86.45
1329								.008230	22.61	58.60	-4.43	83.27	-12.90	89.62
1330								.008240	20.18	59.64	-8.33	82.53	-17.02	92.87
1331								.008250	16.72	61.19	-8.55	82.31	-21.22	91.76
1332								.008260	17.23	62.74	-6.56	82.09	-22.40	88.96
1333								.008270	17.31	62.07	-4.57	81.79	-19.31	88.44
1334								.008280	15.98	62.44	-2.66	81.35	-19.31	86.08
1335								.008290	11.12	62.30	-1.70	80.17	-20.34	85.78
1336								.008300	9.50	63.18	-1.40	81.05	-20.48	89.84
1337								.008310	9.42	65.47	-4.57	79.58	-17.61	95.97
1338								.008320	11.93	70.27	-8.62	77.51	-15.84	95.83
1339								.008330	14.14	72.41	-12.82	76.99	-15.77	92.50
1340								.008340	17.09	72.27	-14.89	80.24	-17.68	90.80
1341								.008350	17.75	70.42	-16.87	80.91	-18.35	92.58
1342								.008360	17.16	68.42	-15.84	79.72	-18.94	92.13
1343								.008370	14.29	64.81	-12.16	79.58	-17.39	90.51
1344								.008380	11.41	61.26	-9.88	81.64	-16.14	88.81
1345								.008390	9.87	59.34	-11.57	82.24	-16.73	88.00
1346								.008400	12.22	61.04	-10.61	82.53	-18.42	86.89
1347								.008410	13.40	62.89	-8.11	82.83	-17.39	88.44
1348								.008420	12.81	63.18	-8.55	84.16	-15.11	91.76
1349								.008430	12.00	60.67	-12.23	83.42	-13.85	95.23
1350								.008440	14.36	61.26	-10.76	83.05	-15.99	96.86
1351								.008450	15.46	64.22	-6.49	83.64	-17.76	97.15
1352								.008460	14.95	66.14	-5.16	84.45	-19.08	96.56
1353								.008470	12.74	64.58	-7.59	82.38	-16.95	96.56
1354								.008480	14.14	66.58	-8.18	81.13	-15.77	94.87

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1296	5.00	61.63	1.54	57.42	12.44	55.80	.007900	313.96	156.21	-4.79	66.38	6.33	58.28	
1297	7.73	58.16	4.27	63.77	10.23	56.09	.007910	309.69	152.23	-5.08	66.95	7.41	59.34	
1298	10.75	58.01	5.00	67.10	8.10	57.49	.007920	308.66	153.11	-2.80	68.20	7.95	60.87	
1299	11.63	58.97	4.27	67.76	6.11	58.90	.007930	312.12	154.22	-2.93	67.05	7.34	61.88	
1300	10.01	59.78	.88	66.73	8.10	58.60	.007940	314.33	155.33	-4.03	65.25	6.33	61.70	
1301	6.48	59.56	.14	67.69	11.19	56.61	.007950	308.51	153.63	-4.15	65.35	5.94	61.29	
1302	8.02	60.60	.36	69.31	11.93	57.57	.007960	307.70	153.48	-1.65	68.15	6.77	62.49	
1303	10.75	60.01	2.20	73.08	8.39	59.93	.007970	314.70	153.33	-.86	69.48	7.12	64.34	
1304	10.01	57.57	1.62	74.78	7.95	63.18	.007980	321.62	154.44	-3.25	68.08	6.53	65.18	
1305	5.67	54.76	2.35	76.25	8.39	63.62	.007990	320.52	155.62	-6.61	66.53	5.47	64.88	
1306	6.33	55.94	3.09	75.81	7.73	64.29	.008000	316.76	156.29	-7.20	67.17	5.72	65.35	
1307	10.09	57.13	4.19	76.33	2.57	62.00	.008010	317.20	153.26	-5.80	68.62	5.62	65.15	
1308	11.93	56.76	3.53	75.15	2.13	61.33	.008020	320.59	149.72	-5.53	69.93	5.86	64.41	
1309	9.28	57.27	3.83	75.44	4.41	61.26	.008030	321.62	148.39	-7.32	70.71	5.84	64.66	
1310	7.95	59.86	2.57	77.14	6.40	65.10	.008040	323.17	150.82	-7.79	71.87	5.64	67.37	
1311	6.70	59.56	1.62	81.94	3.97	67.39	.008050	321.62	152.37	-6.78	71.58	4.10	69.63	
1312	6.04	57.64	1.54	84.82	4.41	69.24	.008060	320.59	158.87	-4.82	71.06	4.00	70.57	
1313	4.27	56.83	4.12	86.67	5.15	68.06	.008070	319.49	164.93	-5.09	70.76	4.51	70.52	
1314	6.04	60.37	5.96	86.81	5.45	67.76	.008080	320.07	163.45	-5.82	71.50	5.81	71.65	
1315	7.80	62.00	5.52	87.55	4.27	68.06	.008090	320.07	153.85	-6.78	71.75	5.86	72.54	
1316	9.42	62.96	2.28	87.55	4.93	70.71	.008100	321.03	147.57	-6.09	72.22	5.54	73.74	
1317	9.13	63.62	.36	88.59	4.78	71.38	.008110	321.99	146.76	-3.91	72.71	4.76	74.53	
1318	10.09	64.81	-.37	89.47	6.55	71.60	.008120	323.39	150.45	-1.75	74.16	5.42	75.29	
1319	11.19	63.92	1.10	89.99	7.58	70.86	.008130	324.64	153.85	-1.09	75.02	6.62	74.92	
1320	13.11	65.54	3.38	86.45	7.58	70.94	.008140	326.78	155.33	-.57	76.11	8.02	74.31	
1321	9.72	67.76	8.54	83.71	6.55	70.42	.008150	324.42	152.82	-1.01	76.92	8.27	73.96	
1322	7.36	68.65	9.57	82.38	9.13	71.75	.008160	320.74	151.93	-1.33	78.40	8.69	74.26	
1323	8.32	66.87	7.88	82.09	10.31	71.90	.008170	317.79	151.93	-1.43	78.54	8.83	73.62	
1324	11.78	68.06	4.93	79.43	8.61	71.90	.008180	318.09	151.93	-2.95	78.05	8.44	73.13	
1325	8.98	68.79	4.56	78.54	5.59	70.64	.008190	315.65	150.08	-6.41	78.05	6.38	72.66	
1326	5.45	68.13	3.16	77.88	3.38	68.79	.008200	312.63	149.12	-7.74	79.36	4.00	71.60	
1327	5.00	66.43	2.57	78.32	.66	65.84	.008210	309.39	148.09	-4.55	78.84	2.75	70.20	
1328	8.32	66.80	3.02	78.69	.44	66.87	.008220	306.30	148.46	.51	77.29	3.92	70.79	
1329	9.28	64.44	5.74	81.64	1.62	68.94	.008230	304.46	147.20	1.76	77.16	5.54	71.67	
1330	10.60	62.15	5.59	82.31	3.68	70.64	.008240	308.14	147.94	-1.72	78.35	6.62	71.70	
1331	11.63	60.82	7.21	83.57	4.71	69.16	.008250	309.76	147.57	-4.35	78.42	7.85	71.18	
1332	12.30	60.97	7.66	82.68	8.02	68.57	.008260	310.06	148.09	-3.91	77.93	9.33	70.74	
1333	10.16	59.27	7.51	82.97	9.42	67.17	.008270	307.26	144.84	-2.19	77.44	9.03	69.80	
1334	7.80	58.45	6.11	84.30	9.72	68.06	.008280	307.99	143.07	-1.99	76.62	7.88	70.27	
1335	4.78	58.38	7.29	88.81	5.89	68.06	.008290	309.98	143.36	-3.64	76.08	5.99	71.75	
1336	4.71	61.70	4.78	90.58	2.79	69.53	.008300	311.60	145.58	-4.13	78.03	4.10	73.94	
1337	4.71	63.92	1.17	89.47	1.69	71.08	.008310	309.25	146.76	-4.25	80.34	2.52	74.83	
1338	4.64	63.92	-.30	86.96	5.15	73.96	.008320	306.00	145.80	-4.18	81.20	3.16	74.95	
1339	2.35	62.74	1.39	86.08	8.17	73.96	.008330	303.94	142.85	-4.82	80.64	3.97	74.26	
1340	3.53	66.06	1.54	85.49	8.98	72.93	.008340	304.38	142.18	-5.16	81.10	4.68	74.83	
1341	5.00	70.64	2.35	86.89	7.66	72.34	.008350	302.47	142.03	-5.82	81.30	5.00	76.62	
1342	4.19	74.85	1.91	86.74	8.10	72.71	.008360	303.79	141.59	-5.87	80.09	4.73	78.10	
1343	-.45	75.29	2.35	87.04	9.13	71.31	.008370	309.69	140.34	-5.09	78.30	3.68	77.88	
1344	-2.22	76.18	.73	86.22	11.34	70.71	.008380	316.46	140.85	-4.87	77.24	3.29	77.71	
1345	-2.22	75.66	.29	86.96	11.19	71.53	.008390	315.14	142.03	-6.14	76.52	3.09	78.05	
1346	-.15	75.88	-1.11	85.63	10.09	73.96	.008400	309.25	142.77	-5.60	76.82	2.94	78.49	
1347	2.28	75.37	-.74	85.19	8.69	73.45	.008410	309.39	143.73	-4.03	78.05	3.41	78.00	
1348	6.18	76.18	.29	85.34	9.64	71.45	.008420	317.13	144.55	-3.61	79.70	5.37	77.66	
1349	6.18	76.03	2.72	86.81	13.25	68.20	.008430	320.30	143.36	-4.70	79.77	7.39	77.02	
1350	4.41	75.29	3.53	86.81	18.71	68.94	.008440	316.76	142.18	-4.13	80.39	8.88	77.02	
1351	3.09	74.55	5.15	86.96	17.16	70.12	.008450	315.73	140.41	-2.93	81.67	8.47	77.21	
1352	6.18	76.18	6.04	85.63	9.72	71.31	.008460	321.55	142.03	-3.10	82.38	7.31	77.71	
1353	11.49	77.95	6.40	83.86	2.94	71.75	.008470	317.79	142.92	-3.93	81.18	6.94	77.85	
1354	16.57	78.40	4.12	80.76	5.08	73.00	.008480	306.15	142.40	-3.27	80.86	8.59	77.39	

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	AC	AD	AE	AF	AG	AH
1296	0.01291	4.48840809	3.23610401	-16.13777542	10.74992752	5.00406265
1297	0.01292	6.69835615	0.28950629	-15.76945114	11.63390732	4.26741314
1298	0.01293	7.65600061	-4.71970987	-15.03280163	10.01327896	0.87882584
1299	0.01294	6.9193511	-8.47662163	-10.90756512	6.4773612	0.1421764
1300	0.01295	7.95066023	-5.3090291	-7.59264231	8.02432537	0.36317122
1301	0.01296	6.62469101	-1.3311224	-7.88730192	10.74992752	2.20479465
1302	0.01297	4.41474295	-1.62578213	-12.52819347	10.01327896	1.61547518
1303	0.01298	0.95249075	-5.82468367	-14.95913601	5.66704702	2.35212469
1304	0.01299	2.05746484	-6.46766804	-17.16908455	6.33003139	3.08677397
1305	0.013	3.53076363	-1.47845232	-19.45269775	10.06694363	4.193748
1306	0.01301	3.82542348	2.13112974	-22.54662514	11.92856693	3.53076363
1307	0.01302	2.13112974	-0.594473	-23.50427055	9.27662945	3.82542348
1308	0.01303	3.89908838	-4.42504978	-22.84128571	7.95066023	2.5731194
1309	0.01304	5.59338188	-5.01436949	-20.92599678	6.69835615	1.61547518
1310	0.01305	5.59338188	-0.29981324	-19.74735832	6.03537178	1.54181027
1311	0.01306	2.35212469	1.17348564	-18.78971291	4.26741314	4.12008333
1312	0.01307	1.61547518	-0.52080804	-18.56871796	6.03537178	5.96170664
1313	0.01308	3.82542348	-4.49871492	-19.6736927	7.80333042	5.51971722
1314	0.01309	9.35029411	-3.5410707	-24.09358978	9.42395878	2.27845979
1315	0.0131	14.35951042	-0.74180287	-25.34589386	9.12929916	0.36317122
1316	0.01311	16.64312363	0.06851147	-21.95730591	10.06694363	-0.37347817
1317	0.01312	14.87516499	-2.36243153	-15.76945114	11.19191742	1.09962061
1318	0.01313	13.03354073	-2.95175099	-11.79154396	13.10720634	3.38343382
1319	0.01314	10.16060829	-1.92044199	-11.2758894	9.71861839	8.53997993
1320	0.01315	8.83463955	0.43683618	-13.26484299	7.36134052	9.57128906
1321	0.01316	9.57128906	-1.18379247	-12.67552376	8.31898499	7.87699509
1322	0.01317	10.16060829	-6.63499832	-12.38086319	11.78123665	4.93039751
1323	0.01318	8.6136446	-12.89651775	-14.95913601	8.98196888	4.56207275
1324	0.01319	10.16060829	-13.1175127	-20.26301193	5.44605207	3.16243887
1325	0.0132	14.65417004	-7.37164736	-20.92599678	5.00406265	2.5731194
1326	0.01321	21.21035004	-2.65709138	-17.02175522	8.31898499	3.01510906
1327	0.01322	22.60998344	-4.42504978	-12.89651775	9.27662945	5.74071169
1328	0.01323	20.17904091	-8.32929134	-17.02175522	10.60259819	5.59338188
1329	0.01324	16.71678734	-8.55028629	-21.22065735	11.63390732	7.21401072
1330	0.01325	17.23244286	-6.56133318	-22.39929581	12.29689121	7.65600061
1331	0.01326	17.30610847	-4.57237959	-19.30536842	10.16060829	7.50867033
1332	0.01327	15.98013878	-2.65709138	-19.30536842	7.80333042	6.10903645
1333	0.01328	11.11825275	-1.69944715	-20.33667755	4.7830677	7.28767586
1334	0.01329	9.49762344	-1.4047873	-20.48400688	4.70940256	4.7830677
1335	0.0133	9.42395878	-4.57237959	-17.61107445	4.70940256	1.17348564
1336	0.01331	11.92856693	-8.62395191	-15.84311581	4.6357379	-0.29961324
1337	0.01332	14.13851547	-12.82285309	-15.76945114	2.35212469	1.39448035
1338	0.01333	17.08511353	-14.88547134	-17.66474007	3.53076363	1.54181027
1339	0.01334	17.74809647	-16.87442589	-18.34772301	5.00406265	2.35212469
1340	0.01335	17.15877724	-15.84311581	-18.93704414	4.193748	1.91013503
1341	0.01336	14.2858448	-12.15986919	-17.3900795	-0.44714311	2.35212469
1342	0.01337	11.41291237	-9.87625599	-16.13777542	-2.21510172	0.73149592
1343	0.01338	9.86594868	-11.57054901	-16.72709465	-2.21510172	0.28950629
1344	0.01339	12.22322655	-10.61290455	-18.42138863	-0.15248336	-1.11012757
1345	0.0134	13.40186596	-8.10829735	-17.3900795	2.27845979	-0.74180287
1346	0.01341	12.81254578	-8.55028629	-15.10646629	6.18270159	0.28950629
1347	0.01342	12.0022316	-12.23353386	-13.85416222	6.18270159	2.72044945
1348	0.01343	14.35951042	-10.76023483	-15.99044609	4.41474295	3.53076363
1349	0.01344	15.46448421	-6.46766804	-17.75840378	3.08677397	5.15139246
1350	0.01345	14.94882965	-5.1616993	-19.08437347	6.18270159	6.03537178
1351	0.01346	12.73888111	-7.59264231	-16.9480896	11.48657703	6.40369654
1352	0.01347	14.13851547	-8.18196201	-15.76945114	16.56945801	4.12008333
1353	0.01348	14.65417004	-9.28693581	-15.32746124	18.11642265	2.5731194
1354	0.01349	15.39081955	-9.94992065	-15.47479153	17.67443275	0.1421764

	AI	AJ	AK	AL	AM	AN
1296	8.09799004	51.80763626	69.60665894	83.19594574	58.01144409	67.09558868
1297	6.10903645	48.85344315	71.00989532	81.27571869	58.97155762	67.76028442
1298	8.09799004	45.97310257	69.45894623	80.31560516	59.78396225	66.72631836
1299	11.19191742	46.49008942	66.87402344	82.67896271	59.562397	67.68643188
1300	11.92856693	50.3305397	68.64654541	85.48545074	60.59636307	69.31123352
1301	8.39264965	50.55210495	71.45302582	86.44556427	60.00552368	73.07783508
1302	7.95066023	49.66584778	71.52687836	83.04824066	57.5683136	74.77649689
1303	8.39264965	48.41031265	71.00989532	80.16790009	54.76182938	76.25359344
1304	7.72966528	50.03512192	73.52096558	77.95225525	55.94350815	75.81046295
1305	2.5731194	50.25668335	76.91828918	78.69080353	57.12518692	76.32744598
1306	2.13112974	51.21679688	78.83850861	79.72476959	56.75591278	75.14576721
1307	4.41474295	51.95534515	79.2816391	80.90644836	57.27289581	75.441185
1308	6.40369654	54.54026794	79.8724823	81.20186615	59.85781479	77.1398468
1309	3.97275329	54.09713745	77.95225525	82.67896271	59.562397	81.94041443
1310	4.41474295	53.13702393	76.47515869	83.56522369	57.64216995	84.820755
1311	5.15139246	51.65992737	76.62286377	84.00835419	56.82976532	86.66712189
1312	5.44605207	52.10305786	78.39538574	84.00835419	60.37479782	86.81483459
1313	4.26741314	51.06908798	78.54309082	85.63315582	61.99960709	87.55338287
1314	4.93039751	51.95534515	78.69080353	86.00243378	62.95972061	87.55338287
1315	4.7830677	52.62004089	79.13393402	86.3717041	63.62441254	88.58734894
1316	6.55102634	53.58015442	81.05415344	87.84880066	64.80609131	89.47360992
1317	7.58233547	53.28473282	81.49728394	90.28601074	63.91983032	89.99059296
1318	7.58233547	53.28473282	82.82667542	92.20623779	65.54463959	86.44556427
1319	6.55102634	54.0232811	83.71292877	93.01864624	67.76028442	83.71292877
1320	9.12929916	56.68205643	85.19002533	93.31406403	68.64654541	82.38354492
1321	10.30793858	58.74999237	83.1220932	93.75719452	66.87402344	82.08812714
1322	8.6136446	58.30686188	82.38354492	93.4617691	68.05570221	79.42935181
1323	5.59338188	55.05725098	84.15605927	94.93886566	68.79425049	78.54309082
1324	3.38343382	56.38663864	87.99651337	93.68333435	68.12955475	77.87839508
1325	0.65783101	58.89770126	87.99651337	89.62132263	66.43090057	78.32152557
1326	0.43683618	60.30094528	85.11617279	86.44556427	66.8001709	78.69080353
1327	1.61547518	58.60228348	83.26980591	89.62132263	64.43681335	81.64499664
1328	3.67809367	59.63624954	82.53125763	92.87093353	62.14731598	82.30969238
1329	4.70940256	61.18720245	82.30969238	91.7631073	60.81792831	83.56522369
1330	8.02432537	62.73815536	82.08812714	88.95662689	60.96563721	82.67896271
1331	9.42395878	62.07345963	81.79270172	88.43964386	59.2669754	82.97438049
1332	9.71861839	62.44273376	81.34957886	86.07628632	58.45457458	84.30377197
1333	5.88804197	62.29502487	80.16790009	85.78086853	58.38071823	88.80891418
1334	2.79411435	63.18128204	81.05415344	89.84288025	61.70418549	90.58143616
1335	1.6891402	65.47078705	79.57705688	95.97283936	63.91983032	89.47360992
1336	5.15139246	70.27134705	77.50912476	95.82512665	63.91983032	86.9625473
1337	8.1716547	72.41313934	76.99214172	92.50165558	62.73815536	86.07628632
1338	8.98196888	72.26542664	80.24175262	90.80299377	66.06162262	85.48545074
1339	7.65600061	70.41905975	80.90644836	92.57551575	70.640625	86.88868713
1340	8.09799004	68.42498016	79.72476959	92.13238525	74.85034943	86.74098206
1341	9.12929916	64.80609131	79.57705688	90.50757599	75.29347992	87.03639984
1342	11.3392477	61.26105881	81.64499664	88.80891418	76.17973328	86.22399902
1343	11.19191742	59.34083176	82.23583221	87.99651337	75.66275024	86.9625473
1344	10.08694363	61.03949356	82.53125763	86.88868713	75.88431549	85.63315582
1345	8.68730927	62.88586426	82.82667542	88.43964386	75.36733246	85.19002533
1346	9.64495373	63.18128204	84.15605927	91.7631073	76.17973328	85.33773804
1347	13.25453568	60.67021942	83.41751099	95.23429108	76.0320282	86.81483459
1348	18.70574188	61.26105881	83.04824066	96.85909271	75.29347992	86.81483459
1349	17.15877724	64.21524811	83.63907623	97.1545105	74.55493164	86.9625473
1350	9.71861839	66.13547516	84.45147705	96.56367493	76.17973328	85.63315582
1351	2.94144416	64.58452606	82.38354492	96.56367493	77.95225525	83.86064148
1352	5.07772732	66.57860565	81.12801361	94.86501312	78.39538574	80.75873566
1353	8.39264965	69.68051147	83.1220932	92.3539505	76.77057648	80.38946533
1354	10.45526791	71.23146057	86.07628632	90.80299377	77.36141205	79.94633484

	AO	AP	AQ	AR	AS	AT
1296	57.49446106	308.6564331	153.1130066	-2.80442119	7.95066023	68.20341492
1297	58.89770126	312.1186829	154.2208252	-2.92719626	7.33678579	67.0463562
1298	58.60228348	314.3286438	155.3286591	-4.0321703	6.33003139	65.2492218
1299	56.60820389	308.5091248	153.6299896	-4.15494537	5.93715191	65.3476944
1300	57.5683136	307.6987915	153.4822846	-1.6503371	6.77202129	68.1541748
1301	59.93167114	314.6969605	153.3345795	-0.86457777	7.11579037	69.48356628
1302	63.18128204	321.62146	154.4423981	-3.24641085	6.52647161	68.08032227
1303	63.62441254	320.51651	155.6240692	-6.61044312	5.47060728	66.52937317
1304	64.28910828	316.7595825	156.2887726	-7.19976234	5.71615696	67.16944885
1305	61.99960709	317.2015686	153.2607117	-5.80012894	5.61793709	68.62192535
1306	61.33491135	320.5901794	149.715683	-5.53002405	5.86348677	69.92668915
1307	61.26105881	321.62146	146.3862915	-7.3225379	5.83893204	70.71447754
1308	65.10150909	323.1684265	150.8235016	-7.78908253	5.64249229	71.87153625
1309	67.39100647	321.62146	152.3744659	-6.78232813	4.09552813	71.57611847
1310	69.23738098	320.5901794	158.8736877	-4.81792974	3.99730825	71.05913544
1311	68.05570221	319.485199	164.9297791	-5.08803415	4.51296282	70.76371765
1312	67.76028442	320.0745239	163.4526825	-5.82468367	5.81437683	71.50226593
1313	68.05570221	320.0745239	153.8515625	-6.78232813	5.86348677	71.7484436
1314	70.71447754	321.0321655	147.5738983	-6.09478855	5.54427195	72.21619415
1315	71.37917328	321.9898071	146.7614899	-3.90939546	4.7585125	72.70855713
1316	71.60073853	323.3894348	150.4542389	-1.74855697	5.42149734	74.16103363
1317	70.86219025	324.6417236	153.8515625	-1.0855726	6.62469101	75.02267456
1318	70.93604279	326.7780151	155.3286591	-0.5699181	8.02432537	76.10588074
1319	70.41905975	324.4207459	152.8175812	-1.0119077	8.26987457	76.91828918
1320	71.7484436	320.7374878	151.9313355	-1.3311224	8.68730927	78.39538574
1321	71.89615631	317.7908936	151.9313355	-1.42934239	8.83463955	78.54309082
1322	71.89615631	318.0856713	151.9313355	-2.95175099	8.44175911	78.05072784
1323	70.640625	315.6546021	150.0849609	-6.4140029	6.37914133	78.05072784
1324	68.79425049	312.6343384	149.1248474	-7.73997211	3.99730825	79.35549927
1325	65.84005737	309.3930969	148.0908814	-4.54782486	2.74500442	78.83851624
1326	66.87402344	306.2991638	148.4601593	0.51050115	3.92364335	77.28755951
1327	68.9419632	304.4575501	147.2046204	1.76280534	5.54427195	77.16447449
1328	70.640625	308.1407776	147.943161	-1.72400188	6.62469101	78.34614563
1329	69.16352844	309.7614136	147.5738983	-4.35138559	7.85244036	78.41999817
1330	68.57268524	310.0560913	148.0908814	-3.90939546	9.32573891	77.92763519
1331	67.16944885	307.2568054	144.8412628	-2.19054651	9.03107929	77.43527222
1332	68.05570221	307.9934692	143.0687561	-1.99410701	7.87699509	76.62286377
1333	68.05570221	309.9824219	143.3641663	-3.63929057	5.98626184	76.08126831
1334	69.53279877	311.6030579	145.5798187	-4.13039017	4.09552813	78.02610779
1335	71.08375549	309.2457581	146.7614899	-4.25316525	2.52400947	80.34022522
1336	73.96408844	306.0045166	145.8013763	-4.1795001	3.16243911	81.20186615
1337	73.96408844	303.9418945	142.8471832	-4.81792974	3.97275329	80.63564301
1338	72.93012238	304.3838806	142.1824951	-5.1616993	4.68484783	81.10339355
1339	72.3392868	302.4685974	142.0347748	-5.82468414	5.00406265	81.30033875
1340	72.70855713	303.7945557	141.5916443	-5.87379408	4.73395777	80.09404755
1341	71.30532074	309.6877441	140.3361206	-5.08803463	3.67809367	78.29690552
1342	70.71447754	316.4649353	140.8531036	-4.86703968	3.28521395	77.23832703
1343	71.52687836	315.1389465	142.0347748	-6.14389849	3.08877397	76.52439117
1344	73.96408844	309.2457581	142.7733307	-5.60368872	2.94144416	76.81980896
1345	73.44710541	309.3930969	143.7334442	-4.0321703	3.40798879	78.05072784
1346	71.45302582	317.1278992	144.5458527	-3.6147356	5.37238741	79.70014954
1347	68.20341492	320.2955017	143.3641663	-4.69515467	7.38589573	79.7740097
1348	68.9419632	316.7595825	142.1824951	-4.13039017	8.88374901	80.38946533
1349	70.12364197	315.7282715	140.4099731	-2.92719579	8.46631432	81.66960907
1350	71.30532074	321.547821	142.0347748	-3.09908104	7.31223059	82.38354492
1351	71.7484436	317.7908936	142.9210358	-3.93395019	6.94390583	81.17724609
1352	73.00397491	306.151825	142.4040527	-3.27096581	8.58908939	80.85720825
1353	71.60073853	300.3323059	137.0126495	-3.32007575	9.69406414	81.71884918
1354	72.1915741	307.2568054	132.9506378	-3.34463096	9.42395878	82.70358276

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1296	60.86716461
1297	61.87651443
1298	61.7041893
1299	61.28567886
1300	62.49197006
1301	64.33834076
1302	65.17536163
1303	64.87994385
1304	65.3476944
1305	65.15074921
1306	64.41220093
1307	64.6583786
1308	67.36639404
1309	69.63127136
1310	70.56677246
1311	70.51753235
1312	71.64997101
1313	72.53623199
1314	73.74252319
1315	74.53031158
1316	75.29347992
1317	74.92420197
1318	74.30874634
1319	73.96408844
1320	74.25951385
1321	73.61943817
1322	73.12706757
1323	72.65932465
1324	71.6007309
1325	70.19749451
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1327	71.67459106
1328	71.69921112
1329	71.18222809
1330	70.7390976
1331	69.80360413
1332	70.27134705
1333	71.7484436
1334	73.93947601
1335	74.82572937
1336	74.94882202
1337	74.25950623
1338	74.82572937
1339	76.62286377
1340	78.09996033
1341	77.87840271
1342	77.70606995
1343	78.05072784
1344	78.49385071
1345	78.00148773
1346	77.65682983
1347	77.01676178
1348	77.01676178
1349	77.21370697
1350	77.70606995
1351	77.85378265
1352	77.3860321
1353	76.25359344
1354	76.49977112

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1355								.008490	14.65	69.68	-9.29	83.12	-15.33	92.35
1356								.008500	15.39	71.23	-9.95	86.08	-15.47	90.80
1357								.008510	15.46	69.39	-7.59	85.41	-14.96	92.72
1358								.008520	15.32	68.79	-2.58	83.93	-15.77	91.98
1359								.008530	12.37	67.61	-.52	83.49	-14.08	91.98
1360								.008540	10.97	65.84	-.59	86.15	-12.23	92.87
1361								.008550	10.38	62.00	-2.95	86.67	-11.35	94.57
1362								.008560	12.22	62.44	-3.54	86.37	-12.68	92.72
1363								.008570	13.62	65.99	-.15	85.49	-11.20	91.76
1364								.008580	14.51	69.16	5.37	87.11	-8.48	92.35
1365								.008590	13.55	67.46	4.05	88.96	-7.00	94.20
1366								.008600	14.06	65.40	-1.92	90.51	-9.95	93.17
1367								.008610	14.95	64.66	-4.72	90.36	-11.57	92.28
1368								.008620	13.40	65.84	.29	89.18	-11.42	91.17
1369								.008630	9.87	65.32	3.46	87.55	-9.73	90.88
1370								.008640	10.31	65.25	1.76	88.44	-11.05	91.91
1371								.008650	14.14	65.32	-.74	90.73	-12.53	94.50
1372								.008660	16.94	65.40	.88	93.61	-12.97	94.50
1373								.008670	13.62	63.03	1.76	92.13	-10.91	92.43
1374								.008680	9.42	63.18	.95	89.62	-8.26	90.66
1375								.008690	7.51	65.62	-.01	87.26	-6.34	89.99
1376								.008700	10.38	68.35	1.62	84.01	-8.26	87.26
1377								.008710	13.03	67.17	2.13	81.05	-9.88	87.63
1378								.008720	14.80	66.28	2.28	82.53	-9.80	90.29
1379								.008730	13.77	66.80	3.09	86.52	-7.52	91.69
1380								.008740	11.19	68.35	6.77	89.18	-5.97	91.54
1381								.008750	8.47	66.58	7.95	86.96	-5.46	94.13
1382								.008760	10.01	65.54	6.77	82.90	-7.67	94.20
1383								.008770	11.78	65.25	4.19	78.84	-8.11	91.25
1384								.008780	11.71	66.36	3.97	78.62	-7.00	88.29
1385								.008790	8.17	67.46	5.74	80.32	-5.75	89.77
1386								.008800	5.00	68.42	7.51	80.02	-8.84	89.47
1387								.008810	5.96	67.61	7.36	77.66	-10.69	87.26
1388								.008820	11.27	67.39	7.14	77.80	-9.43	84.38
1389								.008830	14.80	67.46	6.04	78.91	-4.13	84.30
1390								.008840	15.39	66.95	4.71	76.18	-1.85	83.27
1391								.008850	14.29	62.07	2.50	69.90	-1.92	83.27
1392								.008860	15.02	59.93	3.09	68.42	-3.39	84.08
1393								.008870	14.21	62.22	3.53	70.05	-3.98	85.71
1394								.008880	14.36	66.36	3.16	70.86	-6.49	83.42
1395								.008890	14.29	65.25	2.20	67.69	-8.48	80.91
1396								.008900	15.69	63.18	2.94	66.43	-8.33	80.68
1397								.008910	15.91	61.41	3.46	67.76	-6.19	82.31
1398								.008920	16.79	62.22	2.28	68.06	-6.93	81.20
1399								.008930	16.13	62.37	1.10	67.02	-7.59	79.58
1400								.008940	16.35	63.18	2.28	67.91	-8.62	79.36
1401								.008950	15.10	62.52	4.49	70.57	-7.67	83.42
1402								.008960	13.25	61.78	4.49	69.68	-6.86	85.78
1403								.008970	10.90	59.05	.29	65.40	-5.68	84.23
1404								.008980	10.90	59.78	-1.04	66.36	-5.38	79.28
1405								.008990	9.13	60.67	.29	69.46	-3.54	77.51
1406								.009000	8.61	62.00	3.31	68.42	-2.88	77.73
1407								.009010	10.01	64.22	5.08	65.40	-1.99	79.87
1408								.009020	12.08	66.58	5.59	68.94	-1.33	80.68
1409								.009030	9.87	66.36	3.83	74.70	-.15	81.64
1410								.009040	6.77	66.14	3.24	75.59	-1.55	81.64
1411								.009050	7.07	66.06	3.60	71.31	-4.72	81.35
1412								.009060	11.56	65.10	5.37	70.35	-5.24	79.72
1413								.009070	14.88	62.44	5.15	73.15	-.58	79.43

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1355	18.12	76.77	2.57	80.39	8.39	71.60	.008490	300.33	137.01	-3.32	81.72	9.69	76.25	
1356	17.67	77.36	.14	79.95	10.46	72.19	.008500	307.26	132.95	-3.34	82.70	9.42	76.50	
1357	16.20	77.88	.29	79.28	10.75	73.96	.008510	312.19	135.02	-2.36	82.51	9.08	77.04	
1358	17.53	79.06	2.06	77.58	13.11	75.22	.008520	308.14	139.08	-1.01	81.57	10.90	77.29	
1359	18.85	79.36	5.15	78.10	13.40	71.75	.008530	301.66	137.68	-.74	81.03	12.47	76.40	
1360	20.40	81.13	3.24	78.17	14.73	69.24	.008540	303.35	136.27	-.62	81.62	12.79	76.18	
1361	18.93	81.57	.07	79.65	15.46	67.91	.008550	308.36	137.38	-1.31	81.08	11.49	76.38	
1362	16.79	81.20	-2.29	79.28	15.91	67.91	.008560	311.31	138.56	-1.33	80.51	10.14	76.13	
1363	12.81	77.88	-.30	79.28	13.55	66.73	.008570	309.61	133.25	.76	81.06	8.69	74.63	
1364	12.52	76.92	3.09	79.87	12.30	69.16	.008580	309.84	128.96	3.80	82.88	9.30	75.32	
1365	14.73	77.51	6.70	82.61	11.19	71.60	.008590	309.69	128.15	3.53	83.54	10.87	77.24	
1366	19.22	80.39	6.26	82.53	11.34	71.60	.008600	309.32	130.81	.73	83.02	12.27	78.17	
1367	19.15	79.95	4.86	84.01	9.94	70.12	.008610	307.11	131.03	-.45	82.43	11.31	78.03	
1368	17.09	78.54	.44	85.41	9.50	71.16	.008620	306.00	130.44	.76	82.06	9.01	78.37	
1369	15.61	76.18	-2.07	86.37	10.53	71.82	.008630	305.86	130.96	1.20	81.25	8.02	78.12	
1370	16.50	74.33	-1.04	84.97	14.43	71.90	.008640	307.40	132.29	.34	81.87	9.96	77.07	
1371	12.08	71.53	4.27	84.45	17.01	67.83	.008650	309.39	134.35	.29	83.52	11.12	74.60	
1372	4.56	71.75	7.29	83.57	17.23	64.29	.008660	312.86	141.59	1.62	84.50	9.69	73.20	
1373	2.57	72.78	6.33	82.38	13.92	63.48	.008670	313.52	142.33	1.49	82.53	7.61	72.88	
1374	9.79	74.11	5.59	80.46	11.12	64.66	.008680	314.77	135.09	.71	81.15	8.83	73.08	
1375	15.54	74.33	8.61	80.54	9.42	62.30	.008690	312.19	125.20	.39	80.96	11.19	72.39	
1376	14.36	74.55	10.68	80.17	14.21	60.08	.008700	306.96	121.36	1.25	79.87	13.08	71.60	
1377	11.93	74.92	10.60	80.91	19.15	58.90	.008710	301.14	121.28	1.76	78.62	13.89	71.58	
1378	14.65	75.15	8.69	80.24	21.43	59.86	.008720	302.62	118.11	2.43	79.70	14.92	71.75	
1379	17.09	73.45	10.31	79.72	17.09	60.23	.008730	311.09	113.08	3.11	81.67	14.83	71.13	
1380	17.23	73.00	10.97	77.80	13.84	62.00	.008740	315.73	114.56	4.00	83.02	14.02	70.94	
1381	14.73	72.63	11.71	77.36	12.00	61.26	.008750	311.01	120.62	3.65	82.56	12.81	70.42	
1382	13.25	73.52	12.22	77.66	14.43	59.86	.008760	306.45	123.87	3.04	80.88	13.30	70.35	
1383	10.09	72.12	15.02	81.20	17.09	58.90	.008770	306.00	119.58	2.62	78.44	14.06	70.74	
1384	10.38	72.27	16.27	83.20	19.00	60.52	.008780	308.80	118.33	2.89	77.76	15.22	71.99	
1385	11.04	71.31	17.23	83.57	18.12	59.71	.008790	307.40	118.55	2.72	79.18	15.46	71.53	
1386	11.63	70.94	15.61	81.72	19.81	58.45	.008800	306.30	118.11	1.22	79.31	15.69	70.37	
1387	11.12	68.79	16.35	82.24	25.19	56.53	.008810	307.33	115.15	.88	77.51	17.55	69.19	
1388	14.29	69.09	16.72	82.38	29.24	54.61	.008820	309.54	114.19	2.99	76.52	20.08	68.70	
1389	16.35	70.49	16.57	81.13	25.85	53.73	.008830	309.17	113.90	5.57	76.89	19.59	68.45	
1390	16.27	72.56	16.20	79.21	21.73	56.83	.008840	308.73	113.45	6.08	75.47	18.07	69.53	
1391	13.55	71.90	19.44	80.17	20.47	57.72	.008850	311.75	112.71	4.95	71.75	17.82	69.93	
1392	12.67	70.12	22.54	79.87	22.98	57.05	.008860	314.77	113.45	4.91	70.81	19.39	69.02	
1393	12.89	67.98	22.68	76.18	22.98	57.42	.008870	310.50	112.64	4.59	72.66	19.52	67.19	
1394	14.14	68.20	18.93	72.86	22.76	60.45	.008880	307.63	112.49	3.68	73.55	18.61	67.17	
1395	13.40	67.69	17.67	73.89	21.51	58.01	.008890	309.25	109.54	2.67	71.28	17.53	66.53	
1396	12.30	68.28	17.38	76.48	22.39	54.10	.008900	312.71	105.85	3.43	70.10	17.36	66.28	
1397	11.04	68.35	20.18	78.54	22.54	51.73	.008910	311.31	99.20	4.39	70.49	17.92	66.21	
1398	12.67	68.42	22.39	78.47	22.98	51.73	.008920	309.69	96.32	4.05	70.49	19.34	66.21	
1399	13.40	66.43	23.64	78.69	22.98	50.77	.008930	310.50	100.45	3.21	69.66	20.01	65.30	
1400	13.18	66.14	22.68	78.84	24.01	54.98	.008940	311.90	104.74	3.33	70.15	19.96	66.65	
1401	11.93	66.36	21.21	80.76	21.80	58.60	.008950	309.91	102.89	3.97	72.17	18.31	68.57	
1402	12.52	67.02	17.97	80.61	20.99	60.23	.008960	306.45	85.02	3.63	72.41	17.16	69.29	
1403	13.25	65.54	18.34	81.64	20.69	57.27	.008970	304.38	31.99	1.84	69.56	17.43	68.15	
1404	17.01	65.69	20.55	82.01	22.02	56.61	.008980	306.45	-30.49	1.49	68.47	19.86	68.10	
1405	18.71	66.21	20.92	82.53	20.99	60.60	.008990	307.40	-21.55	1.96	69.21	20.20	69.78	
1406	19.96	70.12	15.91	82.24	20.25	72.63	.009000	310.20	58.36	3.02	69.39	18.71	75.00	
1407	17.67	72.71	14.73	82.61	20.33	78.69	.009010	311.90	104.37	4.37	69.83	17.58	78.00	
1408	17.38	73.52	19.22	81.05	22.46	68.65	.009020	313.22	90.04	5.45	72.07	19.69	74.41	
1409	17.82	71.90	24.38	78.10	24.82	54.02	.009030	313.08	76.89	4.51	74.23	22.34	68.01	
1410	19.88	73.08	22.39	73.82	25.41	52.03	.009040	312.71	90.04	2.82	74.46	22.56	66.31	
1411	19.00	73.08	19.59	73.96	22.83	56.98	.009050	312.27	99.86	1.98	72.91	20.47	68.01	
1412	19.81	72.27	18.12	75.44	22.09	60.01	.009060	313.37	93.81	3.90	71.72	20.01	69.24	
1413	20.47	69.39	18.56	77.88	22.24	58.09	.009070	312.05	88.86	6.87	71.67	20.42	68.45	

	AC	AD	AE	AF	AG	AH
1355	0.0135	15.46448421	-7.59264231	-14.95913601	16.20113373	0.28950629
1356	0.01351	15.31715393	-2.58342648	-15.76945114	17.52710152	2.05746484
1357	0.01352	12.37055683	-0.52080804	-14.07515717	18.85307121	5.15139246
1358	0.01353	10.97092247	-0.594473	-12.23353386	20.40003586	3.23610401
1359	0.01354	10.38160324	-2.95175099	-11.34955406	18.92673683	0.06651147
1360	0.01355	12.22322655	-3.5410707	-12.67552376	16.79045296	-2.28876662
1361	0.01356	13.62286091	-0.15248336	-11.20222473	12.81254578	-0.29961324
1362	0.01357	14.50683975	5.37238741	-8.47662163	12.51788616	3.08877397
1363	0.01358	13.54919529	4.04641819	-7.00332308	14.7278347	6.69635615
1364	0.01359	14.06484985	-1.92044199	-9.94992065	19.22139549	6.25636673
1365	0.0136	14.94882965	-4.71970987	-11.57054901	19.14773178	4.85673285
1366	0.01361	13.40186596	0.28950629	-11.42321968	17.06511353	0.43663618
1367	0.01362	9.86594868	3.45709872	-9.7289257	15.61181355	-2.06777191
1368	0.01363	10.30793858	1.7628051	-11.05489445	16.49579239	-1.03646266
1369	0.01364	14.13851547	-0.74180287	-12.52819347	12.07589722	4.26741314
1370	0.01365	16.93778229	0.87882584	-12.97018337	4.56207275	7.28767586
1371	0.01366	13.62286091	1.7628051	-10.90756512	2.5731194	6.33003139
1372	0.01367	9.42395878	0.95249075	-8.25562668	9.79228401	5.59338188
1373	0.01368	7.50867033	-0.00515347	-6.34033823	15.53814888	8.6136446
1374	0.01369	10.38160324	1.61547518	-8.25562668	14.35951042	10.67626266
1375	0.0137	13.03354073	2.13112974	-9.87625599	11.92856693	10.60259819
1376	0.01371	14.80149937	2.27845979	-9.80259037	14.65417004	8.68730927
1377	0.01372	13.77019024	3.08877397	-7.51897764	17.06511353	10.30793858
1378	0.01373	11.19191742	6.77202129	-5.97201347	17.23244286	10.97092247
1379	0.01374	8.46631432	7.95066023	-5.45635891	14.7278347	11.70757198
1380	0.01375	10.01327896	6.77202129	-7.66630745	13.25453568	12.22322655
1381	0.01376	11.78123665	4.193748	-8.10829735	10.08694363	15.02249432
1382	0.01377	11.70757198	3.97275329	-7.00332308	10.38160324	16.27479935
1383	0.01378	8.1716547	5.74071169	-5.751019	11.04458809	17.23244286
1384	0.01379	5.00406265	7.50867033	-8.84494591	11.63390732	15.61181355
1385	0.0138	5.96170664	7.36134052	-10.68657017	11.11825275	16.34846306
1386	0.01381	11.26558208	7.14034557	-9.43426609	14.2858448	16.71678734
1387	0.01382	14.80149937	6.03537178	-4.13039017	16.34846306	16.56945801
1388	0.01383	15.39081955	4.70940256	-1.84677696	16.27479935	16.20113373
1389	0.01384	14.2858448	2.4994545	-1.92044199	13.54919529	19.44239044
1390	0.01385	15.02249432	3.08877397	-3.39374065	12.66521645	22.53631783
1391	0.01386	14.21218014	3.53076363	-3.98306036	12.8862114	22.68364906
1392	0.01387	14.35951042	3.16243887	-6.48766804	14.13851547	18.92673683
1393	0.01388	14.2858448	2.20479465	-8.47662163	13.40186596	17.67443275
1394	0.01389	15.68547916	2.94144416	-8.32929134	12.29689121	17.37977219
1395	0.0139	15.90647411	3.45709872	-6.19300842	11.04458809	20.17904091
1396	0.01391	16.79045296	2.27845979	-6.92965794	12.66521645	22.38898849
1397	0.01392	16.12746811	1.09982061	-7.59264231	13.40186596	23.64129257
1398	0.01393	16.34846306	2.27845979	-8.62395191	13.18087101	22.68364906
1399	0.01394	15.09615898	4.48840809	-7.66630745	11.92856693	21.21035004
1400	0.01395	13.25453568	4.48840809	-6.85599279	12.51788616	17.96909142
1401	0.01396	10.8972578	0.28950629	-5.67735386	13.25453568	18.3374176
1402	0.01397	10.8972578	-1.03646266	-5.38269424	17.01144791	20.54736519
1403	0.01398	9.12929916	0.28950629	-3.5410707	18.70574188	20.91568947
1404	0.01399	8.6136446	3.30976892	-2.87808609	19.95804596	15.90647411
1405	0.014	10.01327896	5.0772732	-1.99410689	17.67443275	14.7278347
1406	0.01401	12.07589722	5.59338188	-1.3311224	17.37977219	19.22139549
1407	0.01402	9.86594868	3.82542348	-0.15248336	17.82176208	24.37794113
1408	0.01403	6.77202129	3.23610401	-1.55211723	19.88438034	22.38898849
1409	0.01404	7.06668091	3.60442853	-4.71970987	19.00040054	19.58972168
1410	0.01405	11.56024265	5.37238741	-5.23536444	19.81071472	18.11642265
1411	0.01406	14.87516499	5.15139246	0.58416605	20.47369957	18.55841255
1412	0.01407	15.24348927	3.30976892	3.08877397	23.12563705	16.79045296
1413	0.01408	13.25453568	0.06851147	0.73149592	22.09432793	14.58050442

	AI	AJ	AK	AL	AM	AN
1355	10.74992752	69.38509369	85.41159058	92.72322083	77.87839508	79.2816391
1356	13.10720634	68.79425049	83.93449402	91.98467255	79.06007385	77.58297729
1357	13.40186596	67.61257172	83.49136353	91.98467255	79.35549927	78.09996033
1358	14.7278347	65.84005737	86.15013885	92.87093353	81.12801361	78.1738205
1359	15.46448421	61.99960709	86.66712189	94.56959534	81.5711441	79.65091705
1360	15.90647411	62.44273376	86.3717041	92.72322083	81.20186615	79.2816391
1361	13.54919529	65.98777008	85.48545074	91.7631073	77.87839508	79.2816391
1362	12.29689121	69.16352844	87.11025238	92.3539505	76.91828918	79.8724823
1363	11.19191742	67.46486664	86.95662689	94.20031738	77.50912476	82.60511017
1364	11.3392477	65.39692688	90.50757599	93.16635132	80.38946533	82.53125763
1365	9.93961334	64.6583786	90.35987091	92.28009033	79.94633484	84.00835419
1366	9.49762344	65.84005737	89.17819214	91.17227173	78.54309082	85.41159058
1367	10.52893353	65.32307434	87.55338287	90.87685394	76.17973328	86.3717041
1368	14.43317509	65.2492218	88.43964386	91.91082001	74.33336639	84.96846771
1369	17.01144791	65.32307434	90.72914124	94.4957428	71.52687836	84.45147705
1370	17.23244286	65.39692688	93.60948181	94.4957428	71.7484436	83.56522369
1371	13.91752052	63.03357315	92.13238525	92.42780304	72.7824173	82.38354492
1372	11.11825275	63.18128204	89.62132263	90.6552887	74.11180115	80.46331787
1373	9.42395878	65.61849213	87.25796509	89.99059296	74.33336639	80.53717041
1374	14.21218014	68.35112	84.00835419	87.25796509	74.55493164	80.16790009
1375	19.14773178	67.16944885	81.05415344	87.62723541	74.92420197	80.90644836
1376	21.43134499	66.28318787	82.53125763	90.28601074	75.14576721	80.24175262
1377	17.08511353	66.8001709	86.51941681	91.68925476	73.44710541	79.72476959
1378	13.84385586	68.35112	89.17819214	91.54154205	73.00397491	77.80454254
1379	12.0022316	66.57860565	86.9625473	94.12646484	72.63470459	77.36141205
1380	14.43317509	65.54463959	82.90052795	94.20031738	73.52096558	77.65683746
1381	17.08511353	65.2492218	78.83850861	91.24612427	72.11772156	81.20186615
1382	19.00040054	66.35704041	78.61694336	88.29193115	72.26542664	83.19594574
1383	18.11642265	67.46486664	80.31560516	89.76902771	71.30532074	83.56522369
1384	19.81071472	68.42498016	80.02018738	89.47360992	70.93604279	81.71884918
1385	25.18825722	67.61257172	77.65683746	87.25796509	68.79425049	82.23583221
1386	29.23982811	67.39100647	77.80454254	84.37762451	69.08966827	82.38354492
1387	25.85124016	67.46486664	78.91236877	84.30377197	70.49291229	81.12801361
1388	21.72600365	66.94788361	76.17973328	83.26980591	72.56085205	79.20778656
1389	20.47369957	62.07345963	69.90207672	83.26980591	71.89615631	80.16790009
1390	22.97830772	59.93167114	68.42498016	84.08220673	70.12364197	79.8724823
1391	22.97830772	62.22117233	70.0497818	85.70701599	67.98184967	76.17973328
1392	22.75731277	66.35704041	70.86219025	83.41751099	68.20341492	72.85626984
1393	21.5050087	65.2492218	67.68643188	80.90644836	67.68643188	73.8902359
1394	22.38898849	63.18128204	66.43090057	80.68488312	68.27726746	76.47515869
1395	22.53631783	61.4087677	67.76028442	82.30969238	68.35112	78.54309082
1396	22.97830772	62.22117233	68.05570221	81.20186615	68.42498016	78.46923828
1397	22.97830772	62.36888123	67.02173615	79.57705688	66.43090057	78.69080353
1398	24.00961685	63.18128204	67.90799713	79.35549927	66.13547516	78.83850861
1399	21.79966927	62.51659012	70.56676483	83.41751099	66.35704041	80.75873566
1400	20.98935509	61.77804184	69.68051147	85.78086853	67.02173615	80.61103058
1401	20.69469452	59.04541016	65.39692688	84.2299118	65.54463959	81.64499664
1402	22.02066422	59.78396225	66.35704041	79.2816391	65.69234467	82.01426697
1403	20.98935509	60.67021942	69.45894623	77.50912476	66.20933533	82.53125763
1404	20.25270462	61.99960709	68.42498016	77.73069	70.12364197	82.23583221
1405	20.32637024	64.21524811	65.39692688	79.8724823	72.70855713	82.60511017
1406	22.46265411	66.57860565	68.9419632	80.68488312	73.52096558	81.05415344
1407	24.81993103	66.35704041	74.70263672	81.64499664	71.89615631	78.09996033
1408	25.40925026	66.13547516	75.58889771	81.64499664	73.07783508	73.81638336
1409	22.83097839	66.06162262	71.30532074	81.34957886	73.07783508	73.96408844
1410	22.09432793	65.10150909	70.34520721	79.72476959	72.26542664	75.441185
1411	22.24165916	62.44273376	73.15168762	79.42935181	69.38509369	77.87839508
1412	21.79966927	61.92575073	74.99806213	77.58297729	68.64654541	78.46923828
1413	20.10537529	61.99960709	72.3392868	77.06599426	69.16352844	78.61694336

	AO	AP	AQ	AR	AS	AT
1355	73.96408844	312.1923523	135.01857	-2.36243129	9.08018875	82.50663757
1356	75.21962738	308.1407776	139.0805817	-1.01190794	10.8972578	81.57113647
1357	71.7484436	301.6582642	137.6773377	-0.74180281	12.4687767	81.02953339
1358	69.23738098	303.3525696	136.2741089	-0.61902815	12.78799152	81.62037659
1359	67.90799713	308.3617859	137.3819275	-1.30656731	11.48657703	81.07877735
1360	67.90799713	311.3083801	138.5635986	-1.33112264	10.13605309	80.51255035
1361	66.72631836	309.6140747	133.246048	0.75605094	8.68730927	81.0787735
1362	69.16352844	309.835083	128.9624786	3.80086851	9.3011837	82.8759079
1363	71.60073853	309.6877441	128.1500702	3.53076339	10.8727026	83.54060364
1364	71.60073853	309.3194275	130.8088379	0.73149574	12.27233696	83.02362061
1365	70.12364197	307.1094666	131.0304108	-0.44714308	11.3146925	82.4327774
1366	71.15760803	306.0045166	130.4395752	0.75605083	9.00652409	82.06350708
1367	71.82230377	305.8571777	130.9565582	1.1980406	8.02432537	81.25110626
1368	71.89615631	307.4041443	132.2859345	0.3386164	9.96416855	81.86656189
1369	67.83413696	309.3930969	134.3538818	0.28950638	11.11825275	83.51598358
1370	64.28910828	312.8553467	141.5916443	1.61547494	9.69406414	84.50071716
1371	63.47670364	313.5183411	142.3302002	1.49270034	7.60689068	82.53125
1372	64.6583786	314.7706299	135.0924225	0.70694095	8.83463955	81.15263367
1373	62.29502487	312.1923523	125.1958771	0.38772622	11.19191742	80.95568085
1374	60.07938004	306.9621582	121.355423	1.24715054	13.08265114	79.8724823
1375	58.89770126	301.1426086	121.2815704	1.76280487	13.89296532	78.61694336
1376	59.85781479	302.8159058	118.1058121	2.42578959	14.92427444	79.70014954
1377	60.22708893	311.0874023	113.0836792	3.11332893	14.82605553	81.6696167
1378	61.99960709	315.7282715	114.5607758	3.99730849	14.01574039	83.02362061
1379	61.26105881	311.0137329	120.6168747	3.65353847	12.81254578	82.55587006
1380	59.85781479	306.4465027	123.8664856	3.03966427	13.30364609	80.8812831
1381	58.89770126	306.0045166	119.5829086	2.6222291	14.06485081	78.44461823
1382	60.52251053	308.803772	118.3273773	2.89233398	15.21893406	77.75530243
1383	59.7101059	307.4041443	118.5489349	2.72044921	15.46448421	79.1831665
1384	58.45457458	306.2991638	118.1058121	1.22259569	15.68547821	79.30625916
1385	56.53434753	307.3304749	115.151619	0.87882566	17.55165863	77.50912476
1386	54.61412048	309.5404358	114.1915054	2.99055386	20.08082008	76.52439117
1387	53.72786331	309.1720886	113.89608	5.56882715	19.58971977	76.89366913
1388	56.82976532	308.7301025	113.4529572	6.08448172	18.06731224	75.46580505
1389	57.71602631	311.7503662	112.7144089	4.95495224	17.82176208	71.7484436
1390	57.05133057	314.7706299	113.4529572	4.90584278	19.39328003	70.81295013
1391	57.42060471	310.4980774	112.6405487	4.58662796	19.51605606	72.65932465
1392	60.44865417	307.6251221	112.4928436	3.67809367	18.60752106	73.545578
1393	58.01144409	309.2457581	109.5386505	2.67133927	17.52710342	71.28070068
1394	54.09713745	312.7080078	105.8459015	3.43254399	17.35521698	70.09902191
1395	51.73378372	311.3083801	99.19896698	4.39018822	17.91998291	70.49291229
1396	51.73378372	309.6877441	96.3186264	4.04641819	19.34417152	70.49291229
1397	50.7736702	310.4980774	100.4544983	3.21154881	20.00715637	69.65589142
1398	54.98339462	311.8977051	104.7380829	3.33432364	19.95804596	70.14826202
1399	58.60228348	309.9087524	102.8917084	3.97275329	18.3128624	72.16695404
1400	60.22708893	306.4465027	85.01883698	3.62898374	17.15877724	72.41313934
1401	57.27289581	304.3838806	31.99105644	1.83647013	17.4288826	69.55741882
1402	56.60820389	306.4465027	30.49014664	1.49270034	19.85982513	68.47421265
1403	60.59636307	307.4041443	21.55370903	1.95924497	20.20359612	69.21276093
1404	72.63470459	310.2033997	58.35723877	3.01510906	18.70574188	69.38509369
1405	78.69080353	311.8977051	104.3688049	4.36563301	17.57621193	69.82821655
1406	68.64654541	313.2236633	90.04096985	5.44605207	19.6879406	72.06848145
1407	54.0232811	313.076355	76.89480591	4.51296282	22.33987808	74.2348938
1408	52.02920151	312.7080078	90.04096985	2.81866932	22.56087303	74.45645905
1409	56.97747803	312.2660217	99.86366272	1.98379982	20.47369957	72.90550995
1410	60.00552368	313.3710022	93.80756378	3.89908862	20.00715446	71.72383118
1411	58.08530045	312.045044	88.85929108	6.87024117	20.42459106	71.67459106
1412	56.53434753	312.6343384	94.47225952	7.21401072	20.57192039	71.50226593
1413	57.42060471	313.9603272	97.20488739	4.68484783	18.92673492	70.46829224

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1355	77.04137421
1356	77.28755951
1357	76.40129852
1358	76.17974091
1359	76.3766861
1360	76.13050079
1361	74.62878418
1362	75.31809998
1363	77.23832703
1364	78.1738205
1365	78.02610779
1366	78.37076569
1367	78.12458038
1368	77.06599426
1369	74.60416412
1370	73.20092773
1371	72.88088989
1372	73.07783508
1373	72.38851929
1374	71.60073853
1375	71.57611847
1376	71.7484436
1377	71.13298798
1378	70.93604279
1379	70.41905975
1380	70.34520721
1381	70.7390976
1382	71.99462891
1383	71.52688599
1384	70.36981964
1385	69.18814087
1386	68.69577789
1387	68.44960022
1388	69.53279877
1389	69.92669678
1390	69.01581573
1391	67.19406128
1392	67.16944885
1393	66.52937317
1394	66.28318787
1395	66.20933533
1396	66.20933533
1397	65.29846191
1398	66.65245819
1399	68.57268524
1400	69.28662109
1401	68.1541748
1402	68.10493469
1403	69.77898407
1404	74.99806213
1405	78.00148773
1406	74.40721893
1407	68.00646973
1408	66.30780792
1409	68.00646973
1410	69.23738098
1411	68.44960022
1412	67.88337708
1413	68.40036011

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1414								.009080	15.24	61.93	3.31	75.00	3.09	77.58
1415								.009090	13.25	62.00	.07	72.34	.73	77.07
1416								.009100	12.08	61.63	-1.18	71.60	-2.51	76.99
1417								.009110	10.97	60.52	1.62	75.44	-1.18	78.54
1418								.009120	11.56	61.11	5.00	79.95	.51	78.84
1419								.009130	12.15	61.26	3.68	79.13	.81	77.88
1420								.009140	12.81	61.56	2.35	76.11	-.15	76.25
1421								.009150	15.32	61.63	6.04	75.59	.66	76.62
1422								.009160	23.13	62.74	11.78	75.88	.95	76.62
1423								.009170	26.66	62.30	12.96	72.63	1.47	77.73
1424								.009180	20.62	60.82	11.27	70.71	.81	77.95
1425								.009190	11.71	58.90	8.76	72.93	1.91	77.73
1426								.009200	9.87	59.49	6.18	76.18	.58	74.85
1427								.009210	9.94	61.41	1.84	75.29	.58	74.85
1428								.009220	9.42	63.99	3.83	75.74	1.03	76.11
1429								.009230	7.66	63.99	10.09	78.76	3.60	77.58
1430								.009240	7.88	63.18	14.88	80.17	3.97	74.78
1431								.009250	7.95	62.15	12.08	76.48	4.19	71.90
1432								.009260	8.83	62.15	7.66	75.15	3.53	70.71
1433								.009270	10.97	61.70	7.14	78.47	5.23	72.41
1434								.009280	12.44	62.44	9.87	81.05	5.89	73.37
1435								.009290	10.23	62.52	11.19	78.76	6.77	74.33
1436								.009300	7.95	62.00	12.30	78.40	4.86	72.71
1437								.009310	8.10	61.19	14.58	81.72	5.15	71.82
1438								.009320	10.01	60.89	18.41	84.89	5.30	69.75
1439								.009330	10.31	59.78	19.44	82.83	6.18	68.65
1440								.009340	8.69	58.90	17.23	78.54	6.26	65.99
1441								.009350	3.46	58.16	15.24	75.74	9.28	63.99
1442								.009360	-3.03	57.64	16.20	76.48	11.49	62.89
1443								.009370	-7.67	58.31	17.16	77.73	11.12	64.44
1444								.009380	-4.87	60.23	16.50	78.40	10.01	65.99
1445								.009390	1.25	60.82	15.32	78.10	10.97	65.91
1446								.009400	5.15	60.60	13.99	75.52	9.35	63.40
1447								.009410	5.15	59.05	13.55	71.97	7.51	64.29
1448								.009420	9.28	58.90	14.58	71.23	7.95	67.24
1449								.009430	13.11	58.75	16.72	73.23	11.19	69.83
1450								.009440	13.03	60.97	19.59	74.63	10.31	70.42
1451								.009450	8.69	62.59	17.82	72.78	8.17	73.08
1452								.009460	5.30	62.59	15.32	71.31	5.45	72.49
1453								.009470	6.33	60.15	15.02	71.01	6.48	70.64
1454								.009480	11.27	58.97	15.61	71.75	7.14	68.94
1455								.009490	13.99	60.08	13.33	72.12	8.39	71.16
1456								.009500	13.48	61.26	11.27	72.19	7.21	71.90
1457								.009510	10.60	60.52	10.01	71.08	8.10	71.53
1458								.009520	8.39	61.19	10.23	70.27	9.28	68.79
1459								.009530	7.95	62.81	10.68	70.27	10.23	70.27
1460								.009540	9.20	62.59	10.90	71.82	7.51	71.90
1461								.009550	10.46	58.82	9.06	73.96	5.59	71.45
1462								.009560	10.23	56.31	6.99	74.70	5.89	68.65
1463								.009570	8.39	56.83	6.55	72.71	8.25	69.83
1464								.009580	8.32	58.75	7.51	71.01	6.33	70.64
1465								.009590	9.87	58.45	6.62	70.49	2.87	70.27
1466								.009600	11.49	58.01	4.49	71.45	-.08	67.83
1467								.009610	10.75	58.60	4.27	71.67	1.32	67.69
1468								.009620	11.34	59.78	7.80	70.79	3.16	67.46
1469								.009630	11.85	59.49	10.68	71.01	3.83	66.87
1470								.009640	11.78	59.78	8.10	72.63	.36	66.14
1471								.009650	9.72	59.34	3.83	72.71	-1.77	66.21
1472								.009660	8.98	58.82	2.57	71.08	-.74	66.28

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1414	23.13	68.65	16.79	78.47	21.80	56.53	.009080	312.63	94.47	7.21	71.50	20.57	67.88	
1415	22.09	69.16	14.58	78.62	20.11	57.42	.009090	313.96	97.20	4.68	70.47	18.93	68.40	
1416	19.00	71.45	13.99	78.69	21.73	60.82	.009100	316.02	93.88	2.79	70.07	18.24	70.32	
1417	14.80	70.71	16.64	79.28	22.68	60.60	.009110	312.27	86.50	3.80	71.50	18.04	70.20	
1418	16.13	69.98	19.07	78.17	22.61	61.41	.009120	308.29	82.95	5.69	73.30	19.27	69.85	
1419	19.15	68.79	21.87	77.29	19.22	62.15	.009130	307.04	81.70	5.54	72.76	20.08	69.41	
1420	21.36	69.02	23.57	77.07	17.90	61.85	.009140	309.76	84.50	5.00	71.31	20.94	69.31	
1421	18.26	68.06	23.86	76.03	18.85	57.64	.009150	310.79	90.04	7.34	71.28	20.33	67.24	
1422	15.83	69.68	19.74	72.19	23.27	57.27	.009160	307.40	91.37	11.95	71.75	19.61	66.38	
1423	15.46	69.61	17.82	70.49	24.45	56.96	.009170	304.75	86.94	13.70	70.89	19.25	65.69	
1424	17.09	68.06	19.59	70.79	23.71	56.24	.009180	307.48	87.60	10.90	69.83	20.13	65.03	
1425	17.23	65.69	23.57	70.27	20.77	54.17	.009190	311.75	93.88	7.46	69.85	20.52	63.38	
1426	18.71	65.54	24.60	66.58	19.81	53.58	.009200	315.21	99.64	5.54	70.17	21.04	61.90	
1427	19.81	65.10	23.57	65.54	17.97	51.51	.009210	311.60	97.35	4.12	70.52	20.45	60.72	
1428	21.80	65.69	21.87	67.24	18.12	51.29	.009220	307.99	94.92	4.76	71.95	20.60	61.41	
1429	21.87	65.54	22.02	71.45	18.78	51.81	.009230	308.36	95.73	7.12	73.45	20.89	62.94	
1430	22.09	67.02	21.80	74.70	20.62	53.88	.009240	311.46	98.17	8.91	72.71	21.51	65.20	
1431	20.62	68.20	21.28	76.70	22.61	54.17	.009250	312.63	99.20	8.07	70.17	21.51	66.36	
1432	21.21	69.53	19.52	77.51	26.15	54.17	.009260	310.06	98.76	6.67	69.34	22.29	67.07	
1433	22.39	69.31	20.92	80.32	26.96	52.69	.009270	310.06	100.09	7.78	70.86	23.42	67.44	
1434	25.19	70.79	20.40	78.76	25.19	52.84	.009280	313.08	102.01	9.40	72.29	23.59	67.46	
1435	23.94	71.67	19.96	75.59	23.27	54.98	.009290	313.30	100.53	9.40	71.87	22.39	67.42	
1436	22.24	72.63	21.06	74.26	22.54	59.64	.009300	312.12	99.72	8.37	71.03	21.95	68.84	
1437	19.81	71.31	22.98	77.65	20.47	61.26	.009310	309.39	99.57	9.28	71.58	21.09	70.07	
1438	20.92	70.42	20.47	80.17	21.36	62.22	.009320	308.88	101.12	11.24	71.85	20.92	70.94	
1439	23.49	68.65	17.38	81.35	23.13	63.11	.009330	309.17	100.90	11.98	70.42	21.33	71.03	
1440	26.74	69.83	16.20	80.46	25.34	64.51	.009340	310.06	100.75	10.73	67.81	22.76	71.60	
1441	25.63	71.08	17.97	79.72	25.92	64.07	.009350	310.94	102.30	9.33	65.96	23.17	71.63	
1442	22.54	71.23	18.71	77.36	25.56	65.54	.009360	311.09	104.37	8.22	65.67	22.27	71.38	
1443	19.74	69.83	19.22	76.33	20.69	66.28	.009370	310.57	105.40	6.87	66.82	19.88	70.81	
1444	21.36	71.90	19.15	77.21	17.67	67.69	.009380	309.84	104.22	7.21	68.20	19.39	72.27	
1445	21.43	73.96	19.30	80.02	17.38	67.39	.009390	308.80	102.74	9.18	68.28	19.37	73.79	
1446	22.39	73.74	17.90	79.87	20.18	67.32	.009400	311.82	104.37	9.50	66.50	20.15	73.64	
1447	21.95	71.53	15.54	77.58	20.11	65.77	.009410	314.18	105.62	8.74	65.10	19.20	71.63	
1448	21.28	72.19	11.27	75.44	20.55	66.43	.009420	315.73	105.55	10.60	65.79	17.70	71.35	
1449	17.23	72.49	11.85	76.48	20.69	65.99	.009430	314.92	103.19	13.67	67.27	16.59	71.65	
1450	13.84	72.19	14.73	76.48	20.33	63.03	.009440	314.70	103.41	14.31	68.67	16.30	70.57	
1451	14.29	72.19	14.51	75.15	17.53	58.60	.009450	311.53	106.88	11.56	69.48	15.44	68.65	
1452	18.41	74.11	9.72	72.56	16.64	58.31	.009460	306.15	109.39	8.69	68.79	14.92	68.33	
1453	19.22	74.26	9.87	73.59	15.91	58.90	.009470	302.62	112.05	9.28	67.27	15.00	68.92	
1454	18.63	74.78	13.40	75.37	16.86	59.93	.009480	304.16	120.62	11.34	66.55	16.30	70.03	
1455	16.05	73.67	15.61	75.88	16.50	59.49	.009490	308.36	123.35	11.90	67.78	16.05	69.68	
1456	17.38	72.86	13.25	73.89	16.05	57.49	.009500	310.65	111.16	10.65	68.45	15.56	68.08	
1457	18.71	71.31	12.15	72.78	16.20	55.72	.009510	306.74	94.32	9.57	67.71	15.69	66.60	
1458	20.92	71.90	13.55	71.23	17.75	56.53	.009520	304.53	93.00	9.30	66.75	17.40	66.55	
1459	24.45	71.16	23.71	71.75	18.71	58.01	.009530	305.27	100.90	9.62	67.78	22.29	66.97	
1460	35.87	71.23	37.27	71.90	17.82	58.60	.009540	309.25	106.14	9.20	68.77	30.32	67.24	
1461	46.99	70.27	43.75	73.00	16.13	59.34	.009550	310.79	103.70	8.37	68.08	35.62	67.54	
1462	40.95	68.72	28.58	73.89	15.98	61.93	.009560	312.27	101.12	7.71	66.55	28.50	68.18	
1463	20.84	66.43	7.66	75.96	15.39	61.48	.009570	315.36	102.01	7.73	66.46	14.63	67.96	
1464	14.51	66.80	2.35	76.99	17.38	60.67	.009580	318.45	104.00	7.39	66.80	11.41	68.15	
1465	21.28	67.61	11.34	78.99	19.15	61.26	.009590	318.16	103.19	6.45	66.41	17.26	69.29	
1466	22.17	68.13	16.20	79.95	20.47	63.99	.009600	316.76	104.89	5.30	65.77	19.61	70.69	
1467	14.43	67.61	14.14	80.98	19.30	63.62	.009610	315.88	114.04	5.45	65.99	15.96	70.74	
1468	12.37	68.57	11.93	81.05	19.74	63.48	.009620	318.23	125.42	7.44	66.01	14.68	71.03	
1469	15.32	69.46	15.76	83.20	19.37	62.74	.009630	319.12	118.62	8.79	65.79	16.82	71.80	
1470	17.09	71.08	18.63	84.16	17.97	62.30	.009640	319.93	104.22	6.75	66.18	17.90	72.51	
1471	13.03	71.90	19.15	84.01	14.88	60.82	.009650	319.56	98.76	3.92	66.09	15.69	72.24	
1472	8.91	73.67	17.75	81.13	15.61	60.82	.009660	318.31	99.94	3.60	65.40	14.09	71.87	

	AC	AD	AE	AF	AG	AH
1414	0.01409	12.07589722	-1.18379247	-2.50976157	19.00040054	13.99118519
1415	0.0141	10.97092247	1.61547518	-1.18379247	14.80149937	16.64312363
1416	0.01411	11.56024265	5.00406265	0.51050109	16.12746811	19.07406616
1417	0.01412	12.14956188	3.67809367	0.80516088	19.14773178	21.87333488
1418	0.01413	12.81254578	2.35212469	-0.15248336	21.35767937	23.56762695
1419	0.01414	15.31715393	6.03537178	0.65783101	18.26375198	23.86228752
1420	0.01415	23.12563705	11.78123665	0.95249075	15.83280849	19.73705101
1421	0.01416	26.66155434	12.95876606	1.46814537	15.46448421	17.82176208
1422	0.01417	20.62103081	11.26558208	0.60516088	17.06511353	19.58972168
1423	0.01418	11.70757198	8.76097488	1.91013503	17.23244286	23.56762695
1424	0.01419	9.86594868	6.18270159	0.58416605	18.70574188	24.59893608
1425	0.0142	9.93961334	1.83647001	0.58416605	19.81071472	23.56762695
1426	0.01421	9.42395878	3.82542348	1.02615571	21.79966927	21.87333488
1427	0.01422	7.65600061	10.08694363	3.60442853	21.87333488	22.02066422
1428	0.01423	7.87699509	14.87516499	3.97275329	22.09432793	21.79966927
1429	0.01424	7.95066023	12.07589722	4.193748	20.62103081	21.28401375
1430	0.01425	8.83463955	7.65600061	3.53076363	21.21035004	19.51605606
1431	0.01426	10.97092247	7.14034557	5.22505713	22.38898849	20.91568947
1432	0.01427	12.4442215	9.86594868	5.88804197	25.18825722	20.40003586
1433	0.01428	10.23427296	11.19191742	6.77202129	23.93595314	19.95804596
1434	0.01429	7.95066023	12.29689121	4.85673285	22.24165916	21.0630188
1435	0.0143	8.09799004	14.58050442	5.15139246	19.81071472	22.97830772
1436	0.01431	10.01327896	18.41108131	5.29872227	20.91568947	20.47369957
1437	0.01432	10.30793858	19.44239044	6.18270159	23.49396324	17.37977219
1438	0.01433	8.68730927	17.23244286	6.25636673	26.73521996	16.20113373
1439	0.01434	3.45709872	15.24348927	9.27662945	25.63024521	17.96909142
1440	0.01435	-3.02541614	16.20113373	11.48657703	22.53631783	18.70574188
1441	0.01436	-7.66630745	17.15877724	11.11825275	19.73705101	19.22139549
1442	0.01437	-4.86703968	16.49579239	10.01327896	21.35767937	19.14773178
1443	0.01438	1.24715054	15.31715393	10.97092247	21.43134499	19.29506111
1444	0.01439	5.15139246	13.99118519	9.35029411	22.38898849	17.8954277
1445	0.0144	5.15139246	13.54919529	7.50867033	21.9469986	15.53814888
1446	0.01441	9.27662945	14.58050442	7.95066023	21.28401375	11.26558208
1447	0.01442	13.10720634	16.71678734	11.19191742	17.23244286	11.85490227
1448	0.01443	13.03354073	19.58972168	10.30793858	13.84385586	14.7278347
1449	0.01444	8.68730927	17.82176208	8.1716547	14.2858448	14.50683975
1450	0.01445	5.29872227	15.31715393	5.44605207	18.41108131	9.71861839
1451	0.01446	6.33003139	15.02249432	6.4773612	19.22139549	9.86594868
1452	0.01447	11.26558208	15.61181355	7.14034557	18.63207626	13.40186596
1453	0.01448	13.99118519	13.32820129	8.39264965	16.0538044	15.61181355
1454	0.01449	13.47553062	11.26558208	7.21401072	17.37977219	13.25453568
1455	0.0145	10.60259819	10.01327896	8.09799004	18.70574188	12.14956188
1456	0.01451	8.39264965	10.23427296	9.27662945	20.91568947	13.54919529
1457	0.01452	7.95066023	10.67626286	10.23427296	24.45160675	23.71495819
1458	0.01453	9.20296383	10.8972578	7.50867033	35.86967087	37.26930618
1459	0.01454	10.45526791	9.0556345	5.59338188	46.99308014	43.75181961
1460	0.01455	10.23427296	6.99301577	5.88804197	40.9525528	28.57684326
1461	0.01456	8.39264965	6.55102634	8.24532032	20.84202385	7.65600061
1462	0.01457	8.31898499	7.50867033	6.33003139	14.50683975	2.35212469
1463	0.01458	9.86594868	6.62469101	2.86777925	21.28401375	11.3392477
1464	0.01459	11.48657703	4.48840809	-0.07881841	22.16799355	16.20113373
1465	0.0146	10.74892752	4.26741314	1.32081544	14.43317509	14.13851547
1466	0.01461	11.3392477	7.80333042	3.16243887	12.37055683	11.92856693
1467	0.01462	11.85490227	10.67626286	3.82542348	15.31715393	15.75914363
1468	0.01463	11.78123665	8.09799004	0.36317122	17.08511353	18.63207626
1469	0.01464	9.71861839	3.82542348	-1.77311206	13.03354073	19.14773178
1470	0.01465	8.98196888	2.57311194	-0.74180287	8.90830421	17.74809647
1471	0.01466	10.8972578	3.67809367	2.64678431	7.43500566	19.00040054
1472	0.01467	13.40186596	5.22505713	3.08877397	10.74992752	17.60076714

	AI	AJ	AK	AL	AM	AN
1414	21.72600365	61.63033295	71.60073853	76.99214172	71.45302582	78.69080353
1415	22.68364906	60.52251053	75.441185	78.54309082	70.71447754	79.2816391
1416	22.60998344	61.1133461	79.94633484	78.83850861	69.97592926	78.1738205
1417	19.22139549	61.26105881	79.13393402	77.87839508	68.79425049	77.28755951
1418	17.8954277	61.55647659	76.10588074	76.25359344	69.01581573	77.06599426
1419	18.85307121	61.63033295	75.58889771	76.62286377	68.05570221	76.0320282
1420	23.27296829	62.73815536	75.88431549	76.62286377	69.68051147	72.1915741
1421	24.45160675	62.29502487	72.63470459	77.73069	69.60665894	70.49291229
1422	23.71495819	60.81792831	70.71447754	77.95225525	68.05570221	70.78833008
1423	20.76836014	58.89770126	72.93012238	77.73069	65.69234467	70.27134705
1424	19.81071472	59.48854065	76.17973328	74.85034943	65.54463959	66.57860565
1425	17.96909142	61.4087677	75.29347992	74.85034943	65.10150909	65.54463959
1426	18.11642265	63.99368668	75.73661041	76.10588074	65.69234467	67.24330139
1427	18.77940559	63.99368668	78.76465607	77.58297729	65.54463959	71.45302582
1428	20.62103081	63.18128204	80.16790009	74.77649689	67.02173615	74.70263672
1429	22.60998344	62.14731598	76.47515869	71.89615631	68.20341492	76.59672394
1430	26.14590073	62.14731598	75.14576721	70.71447754	69.53279877	77.50912476
1431	26.9562149	61.70418549	78.46923828	72.41313934	69.31123352	80.31560516
1432	25.18825722	62.44273376	81.05415344	73.37325287	70.78833008	78.76465607
1433	23.27296829	62.51659012	78.76465607	74.33336639	71.67459106	75.58889771
1434	22.53631783	61.99960709	78.39538574	72.70855713	72.63470459	74.25951385
1435	20.47369957	61.18720245	81.71884918	71.82230377	71.30532074	77.65683746
1436	21.35767937	60.89178467	84.89460754	69.75436401	70.41905975	80.16790009
1437	23.12563705	59.78396225	82.82667542	68.64654541	68.64654541	81.34957886
1438	25.33558655	58.89770126	78.54309082	65.98777008	69.82821655	80.46331787
1439	25.92490578	58.15915298	75.73661041	63.99368668	71.08375549	79.72476959
1440	25.5565815	57.64216995	76.47515869	62.88586426	71.23146057	77.36141205
1441	20.69469452	58.30686188	77.73069	64.43681335	69.82821655	76.32744598
1442	17.67443275	60.22708893	78.39538574	65.98777008	71.89615631	77.21370697
1443	17.37977219	60.81792831	78.09996033	65.91390991	73.96408844	80.02018738
1444	20.17904091	60.59636307	75.51504517	63.40284729	73.74252319	79.8724823
1445	20.10537529	59.04541016	71.97000885	64.28910828	71.52687836	77.58297729
1446	20.54736519	58.89770126	71.23146057	67.24330139	72.1915741	75.441185
1447	20.69469452	58.74999237	73.22554016	69.82821655	72.48699188	76.47515869
1448	20.32637024	60.96563721	74.62878418	70.41905975	72.1915741	76.47515869
1449	17.52710152	62.59044647	72.7824173	73.07783508	72.1915741	75.14576721
1450	16.64312363	62.59044647	71.30532074	72.48699188	74.11180115	72.56085205
1451	15.90647411	60.15323639	71.00989532	70.640625	74.25951385	73.59481812
1452	16.86411858	58.97155762	71.7484436	68.9419632	74.77649689	75.36733246
1453	16.49579239	60.07938004	72.11772156	71.15760803	73.66867065	75.88431549
1454	16.0538044	61.26105881	72.1915741	71.89615631	72.85626984	73.8902359
1455	16.20113373	60.52251053	71.08375549	71.52687836	71.30532074	72.7824173
1456	17.74809647	61.18720245	70.27134705	68.79425049	71.89615631	71.23146057
1457	18.70574188	62.8120079	70.27134705	70.27134705	71.15760803	71.7484436
1458	17.82176208	62.59044647	71.82230377	71.89615631	71.23146057	71.89615631
1459	16.12746811	58.82384872	73.96408844	71.45302582	70.27134705	73.00397491
1460	15.98013878	56.31278229	74.70263672	68.64654541	68.72039795	73.8902359
1461	15.39081955	56.82976532	72.70855713	69.82821655	66.43090057	75.95817566
1462	17.37977219	58.74999237	71.00989532	70.640625	66.8001709	76.99214172
1463	19.14773178	58.45457458	70.49291229	70.27134705	67.61257172	78.98622131
1464	20.47369957	58.01144409	71.45302582	67.83413696	68.12955475	79.94633484
1465	19.29506111	58.60228348	71.67459106	67.68643188	67.61257172	80.9803009
1466	19.73705101	59.78396225	70.78833008	67.46486664	68.57268524	81.05415344
1467	19.36872673	59.48854065	71.00989532	66.87402344	69.45894623	83.19594574
1468	17.96909142	59.78396225	72.63470459	66.13547516	71.08375549	84.15605927
1469	14.87516499	59.34083176	72.70855713	66.20933533	71.89615631	84.00835419
1470	15.61181355	58.82384872	71.08375549	66.28318787	73.66867065	81.12801361
1471	18.55841255	59.11926651	70.93604279	67.31715393	73.81638336	79.72476959
1472	22.53631783	60.37479782	73.15168762	66.94788361	75.81046295	77.28755951

	AO	AP	AQ	AR	AS	AT
1414	60.81792831	316.0229492	93.88141632	2.79411435	18.23919678	70.07440186
1415	60.59636307	312.2660217	86.49593353	3.80086851	18.04275703	71.5022583
1416	61.4087677	308.2881165	82.95090485	5.69160223	19.27050591	73.2993927
1417	62.14731598	307.0358276	81.69536591	5.54427195	20.08082008	72.75779724
1418	61.85189819	309.7614136	84.50185394	5.00406218	20.94024467	71.30531311
1419	57.64216995	310.7927246	90.04096985	7.33678579	20.32637024	71.28070068
1420	57.27289581	307.4041443	91.3703537	11.95312119	19.61427689	71.7484436
1421	56.97747803	304.7521973	86.93906403	13.69652557	19.2459507	70.8868103
1422	56.23892593	307.4778137	87.60375977	10.8972578	20.1299305	69.82821655
1423	54.1709938	311.7503662	93.88141632	7.45956039	20.52280998	69.85283661
1424	53.58015442	315.212616	99.64209747	5.54427195	21.03846359	70.17287445
1425	51.51221848	311.6030579	97.3526001	4.12008333	20.44914436	70.51753235
1426	51.29065323	307.9934692	94.91539001	4.7585125	20.5964756	71.94538879
1427	51.80763626	308.3617859	95.72779083	7.11579084	20.89113426	73.44710541
1428	53.8755722	311.455719	98.16500092	8.90830421	21.5050087	72.70855713
1429	54.1709938	312.6343384	99.19896698	8.07343483	21.5050087	70.17287445
1430	54.1709938	310.0560913	98.75583649	6.67380142	22.29076958	69.33585358
1431	52.69389343	310.0560913	100.085228	7.77877522	23.42029762	70.86219025
1432	52.84160614	313.076355	102.005455	9.39940453	23.59218407	72.29004669
1433	54.98339462	313.2973328	100.5283585	9.39940357	22.38898849	71.87153625
1434	59.63624954	312.1186829	99.71595001	8.36809444	21.9469986	71.03451538
1435	61.26105881	309.3930969	99.56824493	9.27662849	21.08757401	71.57611847
1436	62.22117233	308.8774414	101.119194	11.24102783	20.91568947	71.8469162
1437	63.1074295	309.1720886	100.8976288	11.97767639	21.33312416	70.41905975
1438	64.51067352	310.0560913	100.7499237	10.72537327	22.75731277	67.80952454
1439	64.06754303	310.9400635	102.3008728	9.32573891	23.17474747	65.96315002
1440	65.54463959	311.0874023	104.3688049	8.22076511	22.26621437	65.66773224
1441	66.28318787	310.5717468	105.4027786	6.87024069	19.88438034	66.82479095
1442	67.68643188	309.835083	104.2210999	7.21401072	19.39328194	68.20341492
1443	67.39100647	308.803772	102.7440033	9.17840862	19.36872673	68.27272674
1444	67.31715393	311.8240356	104.3688049	9.49762344	20.1544857	66.50475311
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1446	66.43090057	315.7282715	105.5504837	10.60259819	17.69898605	65.79081726
1447	65.98777008	314.9179688	103.1871338	13.67197037	16.59401321	67.26791382
1448	63.03357315	314.6969605	103.4086914	14.31040001	16.29935455	68.67115784
1449	58.60228348	311.5293884	106.8798752	11.5602417	15.43992901	69.48356628
1450	58.30686188	306.151825	109.3909378	8.68730927	14.92427444	68.79425049
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1452	59.93167114	304.1628723	120.6168747	11.33924675	16.29935455	66.5539856
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1454	57.49446106	310.6453857	111.1634522	10.65170765	15.56270409	68.44960022
1455	55.7219429	306.7411499	94.32454681	9.57128906	15.68547916	67.71104431
1456	56.53434753	304.5312195	92.99516296	9.3011837	17.40432739	66.75093079
1457	58.01144409	305.2678528	100.8976288	9.62039852	22.29076958	67.78489685
1458	58.60228348	309.2457581	106.1413269	9.20296383	30.32024574	68.76963806
1459	59.34083176	310.7927246	103.7041168	8.36809444	35.62412262	68.08032227
1460	61.92575073	312.2660217	101.119194	7.70511007	28.50317764	66.5539856
1461	61.48262024	315.3599548	102.005455	7.72966528	14.62961483	66.455513
1462	60.67021942	318.4538879	103.9995346	7.38589573	11.41291237	66.8001709
1463	61.26105881	318.1592102	103.1871338	6.45280647	17.25699806	66.40628052
1464	63.99368668	316.7595825	104.885788	5.29872227	19.61427498	65.76620483
1465	63.62441254	315.8756104	114.0437927	5.44605207	15.95558357	65.98777008
1466	63.47670364	318.2328796	125.4174423	7.43500566	14.67872524	66.01239014
1467	62.73815536	319.1168823	118.6227951	8.78552914	16.81500816	65.79081726
1468	62.29502487	319.9271851	104.2210999	6.74746609	17.8954277	66.18471527
1469	60.81792831	319.5588684	98.75583649	3.92364335	15.68547916	66.08624268
1470	60.81792831	318.3065491	99.93751526	3.60442853	14.08940506	65.39692688
1471	59.78396225	316.5386047	98.68198395	5.74071217	14.99794006	65.79081726
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1470	71.87153625
1471	71.10836792
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1473								.009670	10.90	59.12	3.68	70.94	2.65	67.32
1474								.009680	13.40	60.37	5.23	73.15	3.09	66.95
1475								.009690	12.96	60.30	4.86	74.11	3.09	66.87
1476								.009700	10.60	59.64	4.12	73.67	2.28	68.06
1477								.009710	9.87	60.23	3.60	73.82	2.94	70.94
1478								.009720	12.52	61.04	5.08	75.44	1.39	71.31
1479								.009730	15.32	60.82	5.81	76.18	1.62	73.15
1480								.009740	13.70	60.82	5.00	76.77	1.98	74.04
1481								.009750	10.97	63.03	3.24	77.07	1.98	73.52
1482								.009760	15.61	65.99	2.72	76.62	-3.0	69.83
1483								.009770	24.53	64.95	2.65	73.59	-1.5	69.31
1484								.009780	33.00	63.11	4.12	71.45	-1.18	70.42
1485								.009790	38.45	63.55	5.89	71.82	-2.22	73.08
1486								.009800	34.32	65.40	5.15	74.11	-2.80	72.63
1487								.009810	24.75	64.95	1.62	73.82	-.82	73.37
1488								.009820	21.58	62.74	.51	71.31	-1.48	73.82
1489								.009830	20.55	63.48	2.72	69.09	-1.92	74.33
1490								.009840	15.83	65.99	4.93	69.46	-2.44	72.12
1491								.009850	16.13	65.54	3.31	69.09	-1.63	71.60
1492								.009860	23.27	63.26	2.50	69.53	-3.03	71.01
1493								.009870	22.39	63.99	2.35	71.23	-3.47	70.71
1494								.009880	14.73	64.81	2.35	72.27	-3.54	68.65
1495								.009890	13.99	62.81	.51	70.57	-2.95	67.76
1496								.009900	18.41	60.74	-.15	69.39	-2.80	67.69
1497								.009910	19.07	62.96	-.89	68.28	-3.10	68.50
1498								.009920	16.35	66.58	-.82	68.20	-5.01	67.17
1499								.009930	14.95	66.95	.44	70.12	-5.09	66.80
1500								.009940	14.06	64.14	4.19	71.97	-4.28	67.39
1501								.009950	17.23	62.74	5.45	69.53	-3.61	68.72
1502								.009960	29.90	64.36	4.71	66.80	-7.37	67.76
1503								.009970	37.27	66.87	4.56	67.61	-8.48	67.91
1504								.009980	21.80	67.10	5.59	69.90	-5.01	68.72
1505								.009990	4.27	65.91	4.86	70.42	-.30	71.53
1506								.010000	15.91	57.05	11.93	79.95	23.27	75.81
1507								.010010	15.02	55.65	11.04	81.05	22.32	75.15
1508								.010020						
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BARBER - R 0002151

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1473	7.44	73.82	19.00	79.72	18.56	59.78	.009670	316.54	98.68	5.74	65.79	15.00	71.11	
1474	10.75	75.81	17.60	77.29	22.54	61.11	.009680	314.55	96.76	7.24	66.82	16.96	71.40	
1475	12.74	78.99	15.46	75.81	22.39	62.15	.009690	316.17	98.31	6.97	67.10	16.86	72.31	
1476	14.58	82.24	13.33	74.63	18.85	61.85	.009700	317.79	99.57	5.67	67.12	15.59	72.91	
1477	15.24	81.20	13.70	75.74	16.57	59.49	.009710	317.50	100.68	5.47	68.33	15.17	72.14	
1478	15.98	80.17	13.92	75.15	18.41	57.72	.009720	318.38	103.19	6.33	69.26	16.10	71.01	
1479	13.40	78.84	15.61	75.74	16.94	55.13	.009730	319.49	104.22	7.58	70.05	15.32	69.90	
1480	13.55	80.17	14.43	76.18	14.51	55.35	.009740	320.22	105.40	6.89	70.54	14.16	70.57	
1481	14.88	79.80	13.92	78.76	14.43	57.49	.009750	316.46	105.11	5.40	71.21	14.41	72.02	
1482	14.58	80.46	14.73	80.76	17.23	59.12	.009760	314.03	105.26	6.01	70.81	15.51	73.45	
1483	6.99	81.57	16.50	80.39	17.82	57.72	.009770	314.99	103.70	9.01	69.29	13.77	73.23	
1484	4.64	83.71	14.58	77.80	17.97	56.83	.009780	319.04	102.74	11.98	68.33	12.40	72.78	
1485	11.04	82.83	12.37	78.03	17.67	55.57	.009790	320.44	103.04	14.04	69.48	13.70	72.14	
1486	18.48	80.76	10.53	79.21	18.26	55.20	.009800	317.50	102.45	12.22	70.71	15.76	71.72	
1487	17.53	79.43	12.22	80.32	15.98	54.02	.009810	312.34	100.45	8.52	70.71	15.24	71.26	
1488	14.80	80.83	13.84	77.36	13.99	54.91	.009820	311.53	101.86	6.87	69.29	14.21	71.03	
1489	14.88	79.58	14.36	75.15	13.92	55.87	.009830	312.19	103.63	7.12	68.97	14.38	70.20	
1490	18.63	77.36	12.44	73.37	17.38	57.05	.009840	314.11	104.37	6.11	69.19	16.15	69.26	
1491	19.44	75.44	11.41	73.89	17.45	55.13	.009850	314.48	102.74	5.94	68.75	16.10	68.15	
1492	18.19	74.85	10.82	74.55	16.20	54.91	.009860	315.14	102.89	7.58	67.93	15.07	68.10	
1493	18.85	73.15	12.74	75.74	13.40	56.68	.009870	313.08	103.48	7.09	68.65	15.00	68.52	
1494	22.90	72.63	15.02	75.74	14.65	60.89	.009880	311.31	105.03	4.51	68.57	17.53	69.75	
1495	22.83	70.79	17.67	75.52	16.50	59.86	.009890	311.68	107.77	3.85	67.05	19.00	68.72	
1496	21.21	70.79	15.10	72.78	18.26	56.90	.009900	311.31	104.66	5.15	65.94	18.19	66.82	
1497	20.33	72.12	12.30	71.67	18.12	55.35	.009910	309.10	91.89	5.03	66.58	16.91	66.38	
1498	21.43	73.82	13.55	73.37	17.67	58.16	.009920	309.25	85.46	3.51	67.32	17.55	68.45	
1499	18.34	71.53	17.75	77.36	14.65	58.60	.009930	310.57	94.18	3.43	67.96	16.91	69.16	
1500	16.72	70.57	17.38	77.44	12.37	57.64	.009940	312.34	105.99	4.66	67.83	15.49	68.55	
1501	19.07	71.75	16.13	76.40	12.08	57.49	.009950	310.57	104.96	6.35	67.00	15.76	68.55	
1502	24.01	74.63	16.05	75.81	14.58	58.75	.009960	308.36	101.86	9.08	66.31	18.21	69.73	
1503	24.38	75.29	15.76	78.40	15.61	58.16	.009970	306.81	106.44	11.12	67.46	18.58	70.62	
1504	23.27	75.81	11.93	79.95	15.91	57.05	.009980	306.00	115.52	7.46	68.57	17.04	70.94	
1505	22.32	75.15	11.04	81.05	15.02	55.65	.009990	308.51	119.21	2.94	69.29	16.13	70.62	
1506	-5.01	68.72	5.59	69.90	21.80	67.10	.010000	306.00	115.52					
1507	-30	71.53	4.86	70.42	4.27	65.91	.010010	308.51	119.21					
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1474	0.01469	10.60259819	4.12008333	2.27845979	14.58050442	13.32820129
1475	0.0147	9.86594868	3.60442853	2.94144416	15.24348927	13.69652557
1476	0.01471	12.51788616	5.07772732	1.39448035	15.98013878	13.91752052
1477	0.01472	15.31715393	5.81437683	1.61547518	13.40186596	15.61181355
1478	0.01473	13.69652557	5.00406265	1.98379993	13.54919529	14.43317509
1479	0.01474	10.97092247	3.23610401	1.98379993	14.87516499	13.91752052
1480	0.01475	15.61181355	2.72044945	-0.29981324	14.58050442	14.7278347
1481	0.01476	24.52527237	2.64678431	-0.15248336	6.99301577	16.49579239
1482	0.01477	32.99673843	4.12008333	-1.18379247	4.6357379	14.58050442
1483	0.01478	38.44794464	5.88804197	-2.21510172	11.04458809	12.37055683
1484	0.01479	34.32270813	5.15139246	-2.80442119	18.48474693	10.52893353
1485	0.0148	24.74626732	1.61547518	-0.81546783	17.52710152	12.22322655
1486	0.01481	21.57867432	0.51050109	-1.47845232	14.80149937	13.84385566
1487	0.01482	20.54736519	2.72044945	-1.92044199	14.87516499	14.35951042
1488	0.01483	15.83280849	4.93039751	-2.43609643	18.63207626	12.4442215
1489	0.01484	16.12746811	3.30976892	-1.62578213	19.44239044	11.41291237
1490	0.01485	23.27296829	2.4994545	-3.02541614	18.19008636	10.82359314
1491	0.01486	22.38898849	2.35212469	-3.4674058	18.85307121	12.73888111
1492	0.01487	14.7278347	2.35212469	-3.5410707	22.90464401	15.02249432
1493	0.01488	13.99118519	0.51050109	-2.95175099	22.83097839	17.67443275
1494	0.01489	18.41108131	-0.15248336	-2.80442119	21.21035004	15.09615898
1495	0.0149	19.07406616	-0.88913274	-3.09908104	20.32637024	12.29689121
1496	0.01491	16.34846306	-0.81546783	-5.01436949	21.43134499	13.54919529
1497	0.01492	14.94882965	0.43683618	-5.08803463	18.3374176	17.74809647
1498	0.01493	14.06484985	4.193748	-4.27771997	16.71678734	17.37977219
1499	0.01494	17.23244286	5.44605207	-3.6147356	19.07406616	16.12746811
1500	0.01495	29.90281296	4.70940256	-7.37164736	24.00961685	16.0538044
1501	0.01496	37.26930618	4.56207275	-8.47662163	24.37794113	15.75914363
1502	0.01497	21.79966927	5.59338188	-5.01436949	23.27296829	11.92856693
1503	0.01498	4.26741314	4.85673285	-0.29981324	22.31532288	11.04458809
1504	0.01497	15.90647411	11.92856693	23.27296829	-5.01436949	5.59338188
1505	0.01498	15.02249432	11.04458809	22.31532288	-0.29981324	4.85673285
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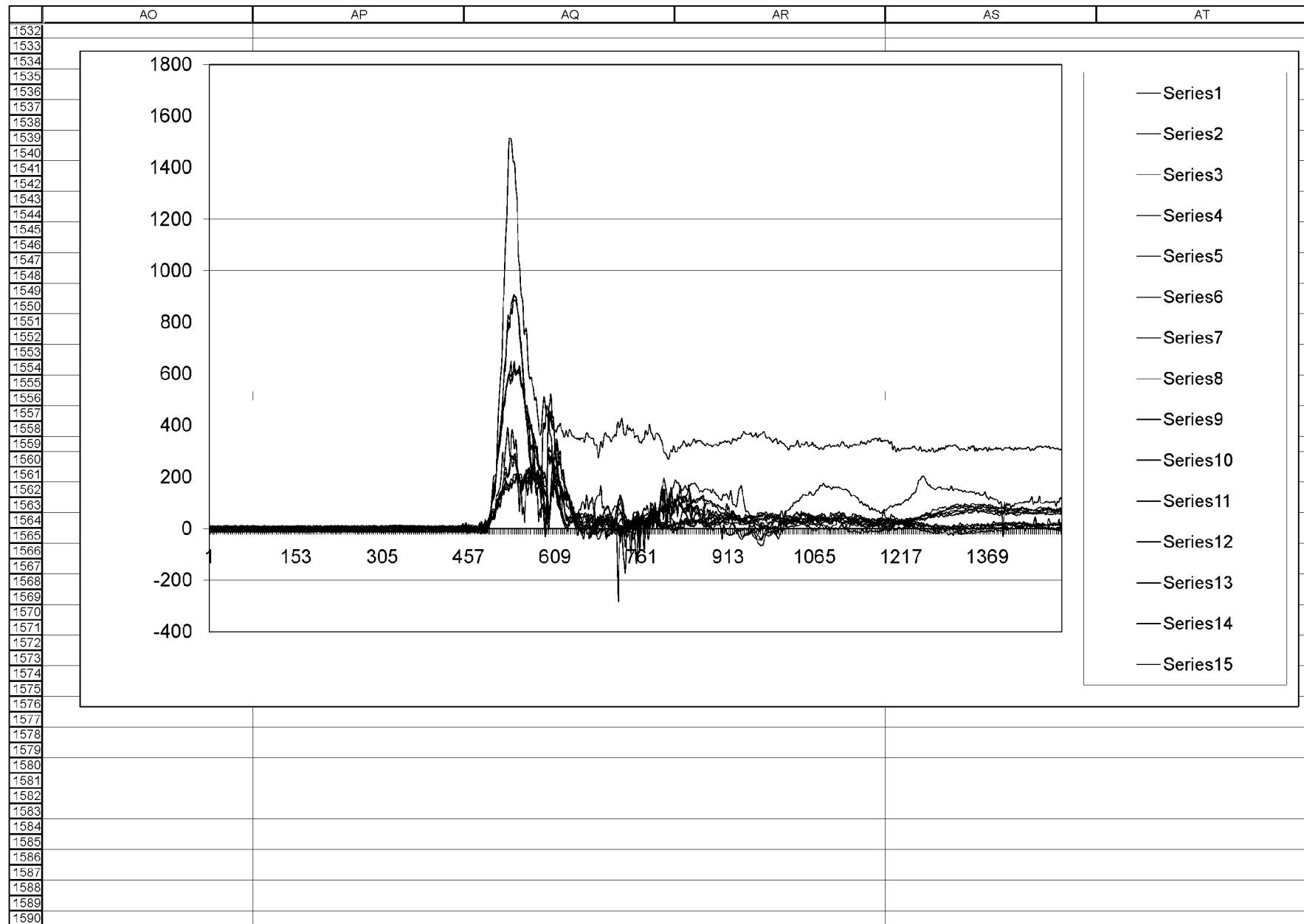
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1473	22.38898849	60.30094528	74.11180115	66.87402344	78.98622131	75.81046295
1474	18.85307121	59.63624954	73.66867065	68.05570221	82.23583221	74.62878418
1475	16.56945801	60.22708893	73.81638336	70.93604279	81.20186615	75.73661041
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1479	14.43317509	63.03357315	77.06599426	73.52096558	79.79862213	78.76465607
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