

EA04-006
FORD
5/13/2005
ATTACHMENT J
BOOK 4 OF 11
PART 1 OF 4

ETASAcclBemFile	record	CrLr	Tab							
sampleCount	2112									
line	MFBLK1METKC:1	PPS1ETKC:1	IAT1ETKC:1	EOT_1ETKC:1	MPWR1ETKC:1	SYNC_1OC_FLG1ETKC:1	PPS_A(1)1ETKC:1			
RS	M	M	M	M	M	M	M	M	M	
1.42E-14	32.624718	0	0	15	-18.864837	13.607543		1	579.42987	
0.1043	33.489688	0	0	15	-18.430834	13.848177		1	579.42987	
0.2098	32.194029	0	0	15	-18.252818	13.850439		1	579.42987	
0.304	33.197841	0	0	15	-18.080375	13.800024		1	579.42987	
0.401	32.433894	0	0	15	-17.782884	13.800835		1	579.42987	
0.5043	23.090054	0	0	15	-17.696875	13.540159		1	579.42987	
0.6003	33.320828	0	0	15	-17.688228	13.503753		1	579.42987	
0.7042	32.210112	0	0	15	-17.727888	13.610774		1	579.42987	
0.8082	33.95311	0	0	15	-17.838777	13.488053		1	579.42987	
0.9048	32.43597	0	0	15	-17.679325	13.484524		1	579.42987	
1.0019	33.812135	0	0	15	-18.008541	13.48531		1	579.42987	
1.1046	32.821175	0	0	15	-18.063402	13.481347		1	579.42987	
1.2007	32.223206	0	0	15	-18.222351	13.482578		1	579.42987	
1.305	33.517766	0	0	15	-18.405317	13.44302		1	579.42987	
1.4013	32.212315	0	0	15	-18.234836	13.441415		1	579.42987	
1.5047	34.12328	0	0	15	-17.849926	13.453734		1	579.42987	
1.6023	32.489677	0	0	15	-17.833408	13.453827		1	579.42987	
1.7094	33.857518	0	0	15	-17.750021	13.442528		1	579.42987	
1.8016	32.633820	0	0	15	-18.072643	13.427852		1	579.42987	
1.9055	32.514301	0	0	15	-18.080188	13.475336		1	579.42987	
2.0015	33.303981	0	0	15	-18.110857	13.615183		1	579.42987	
2.1098	32.018889	0	0	15	-18.051237	13.880688		1	579.42987	
2.2032	33.537941	0	0	15	-18.248158	13.604053		1	579.42987	
2.3058	32.385894	0	0	15	-18.288542	13.867228		1	579.42987	
2.4018	34.048229	0	0	15	-18.343158	13.537789		1	579.42987	
2.5064	32.278118	0	0	15	-18.283488	13.516881		1	579.42987	
2.6024	33.887872	0	0	15	-17.788808	13.480881		1	579.42987	
2.7053	32.355814	0	0	15	-17.763527	13.48715		1	579.42987	
2.8035	33.933887	0	0	15	-17.401779	13.474888		1	579.42987	
2.9088	32.281881	0	0	15	-17.43281	13.471288		1	579.42987	
3.0028	33.758888	0	0	15	-17.421135	13.476235		1	579.42987	
3.1088	32.884838	0	0	15	-17.583303	13.480488		1	579.42987	
3.2029	33.298885	0	0	15	-17.588548	13.472338		1	579.42987	
3.3073	33.844138	0	0	15	-17.338887	13.48438		1	579.42987	
3.4041	32.47828	0	0	15	-17.288881	13.481435		1	579.42987	
3.5085	33.272886	0	0	15	-17.488107	13.488857		1	579.42987	
3.6027	32.177773	0	0	15	-17.447882	13.484873		1	579.42987	
3.7071	33.388835	0	0	15	-17.388488	13.485458		1	579.42987	
3.8033	31.825888	0	0	15	-17.72488	13.48831		1	579.42987	
3.9088	33.888831	0	0	15	-17.321888	13.511191		1	579.42987	
4.0044	32.223208	0	0	15	-17.628538	13.885782		1	579.42987	
4.1078	33.492088	0	0	15	-17.898877	13.881488		1	579.42987	
4.2088	32.224883	0	0	15	-17.888183	13.837824		1	579.42987	
4.3075	33.348184	0	0	15	-18.887888	13.884152		1	579.42987	
4.4038	33.387518	0	0	15	-18.831481	13.888882		1	579.42987	
4.5081	32.771888	0	0	15	-17.881881	13.538485		1	579.42987	
4.6082	33.681784	0	0	15	-18.888883	13.628841		1	579.42987	
4.7078	32.881883	0	0	15	-18.84437	13.488183		1	579.42987	
4.8038	33.271488	0	0	15	-17.158883	13.481287		1	579.42987	
4.9088	32.888548	0	0	15	-17.348883	13.487445		1	579.42987	
5.0048	32.877847	0	0	15	-17.212887	13.5041		1	579.42987	
5.1083	33.127848	0	0	15	-17.201882	13.47588		1	579.42987	
5.2058	32.754823	0	0	15	-18.785427	13.488888		1	579.42987	
5.3088	32.823233	0	0	15	-18.817383	13.474854		1	579.42987	
5.405	32.887818	0	0	15	-17.888288	13.488242		1	579.42987	
5.5087	32.882813	0	0	15	-18.882848	13.488773		1	579.42987	
5.6048	32.887888	0	0	15	-18.87588	13.488384		1	579.42987	
5.7093	33.028168	0	0	15	-18.877388	13.44482		1	579.42987	

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6.8065	32.304862	0	15	-16.531055	13.485388	1	579.42987
6.8091	33.476675	0	15	-16.987949	13.584953	1	579.42987
6.8093	32.479852	0	15	-17.122676	13.578972	1	579.42987
6.8095	33.814188	0	15	-16.838824	13.667454	1	579.42987
6.8094	32.504478	0	15	-16.723893	13.628977	1	579.42987
6.8098	33.802253	0	15	-16.882574	13.80819	1	579.42987
6.8094	32.893031	0	15	-16.56527	13.581493	1	579.42987
6.8097	32.588842	0	15	-16.843883	13.564672	1	579.42987
6.8098	32.748771	0	15	-16.735887	13.509487	1	579.42987
6.7085	32.488824	0	15	-16.838824	13.510343	1	579.42987
6.8088	33.10288	0	15	-16.881217	13.514031	1	579.42987
6.8102	32.120185	0	15	-16.815245	13.515883	1	579.42987
7.0073	33.003801	0	15	-17.058142	13.472237	1	579.42987
7.1088	32.545898	0	15	-16.88151	13.488885	1	579.42987
7.208	33.827725	0	15	-17.078043	13.404388	1	579.42987
7.3106	32.588842	0	15	-17.248882	13.511433	1	579.42987
7.4088	33.580794	0	15	-17.122876	13.48533	1	579.42987
7.5104	32.855125	0	15	-17.232885	13.515248	1	579.42987
7.6078	33.383002	0	15	-17.280002	13.608797	1	579.42987
7.711	32.302227	0	15	-17.370167	13.488885	1	579.42987
7.8089	33.843888	0	16	-17.12005	13.473856	1	579.42987
7.9107	32.173486	0	16	-17.088001	13.58289	1	579.42987
8.0088	33.818485	0	15	-17.10405	13.882678	1	579.42987
8.1144	32.777878	0	15	-16.838884	13.872033	1	579.42987
8.2085	38.407928	0	15	-16.883804	13.810445	1	579.42987
8.3112	32.834262	0	15	-16.688816	13.571324	1	579.42987
8.4072	33.888854	0	15	-16.88837	13.583874	1	579.42987
8.5118	32.837771	0	16	-16.808803	13.628843	1	579.42987
8.6078	33.728801	0	15	-16.307058	13.622017	1	579.42987
8.7118	32.708488	0	15	-16.181791	13.488848	1	579.42987
8.809	32.888851	0	15	-16.451847	13.518848	1	579.42987
8.9121	32.938713	0	15	-16.324408	13.494234	1	579.42987
9.0094	32.518881	0	15	-16.448854	13.808804	1	579.42987
9.1118	33.488485	0	15	-16.488191	13.472091	1	579.42987
9.2088	31.888816	0	15	-16.830735	13.488839	1	579.42987
9.3128	33.234177	0	15	-16.578258	13.487338	1	579.42987
9.4085	31.88888	0	15	-16.438837	13.481126	1	579.42987
9.5119	33.188706	0	16	-16.348137	13.478188	1	579.42987
9.6081	32.134174	0	15	-16.282454	13.484732	1	579.42987
9.7125	33.270708	0	15	-16.088882	13.48748	1	579.42987
9.8087	32.078485	0	16	-16.48888	13.815243	1	579.42987
9.9122	33.330881	0	15	-16.188772	13.88722	1	579.42987
10.0086	32.888283	0	15	-16.281891	13.704208	1	579.42987
10.1128	33.488487	0	15	-16.197187	13.884011	1	579.42987
10.2091	32.328217	4	15	-16.312805	13.684883	1	579.42987
10.3127	33.488888	5	15	-16.221432	13.588885	1	579.42987
10.409	38.200185	5	15	-15.874216	13.541085	1	579.42987
10.5132	33.277884	2	15	-15.858822	13.831324	1	579.42987
10.6106	33.328829	2	15	-15.78813	13.519488	1	579.42987
10.7132	33.288214	1	15	-15.747857	13.825027	1	579.42987
10.8083	38.204712	1	15	-15.738871	13.803838	1	579.42987
10.9138	33.378888	2	15	-15.778822	13.517708	1	579.42987
11.0087	33.812141	2	16	-15.91314	13.508047	1	579.42987
11.1138	33.571878	5	16	-16.018848	13.818186	1	579.42987
11.2109	33.323719	5	15	-16.148848	13.818879	1	579.42987
11.3141	33.36482	4	16	-16.181885	13.882084	1	579.42987
11.4102	33.274829	3	16	-16.843883	13.805383	1	579.42987
11.5141	33.374218	11	15	-15.858847	13.813889	1	579.42987
11.6101	33.35182	10	15	-15.443482	13.513378	1	579.42987
11.7148	33.272232	11	16	-16.348812	13.811138	1	579.42987
11.8119	33.388413	7	15	-15.482187	13.58788	1	579.42987
11.9144	33.118215	8	15	-15.417326	13.708505	1	579.42987

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12.0108	33.270708	14	15	-15.214199	13.734858	1	579.42987
12.1151	33.158	15	15	-15.048311	13.716082	1	579.42987
12.2107	33.057888	14	15	-15.678888	13.67771	1	579.42987
12.3144	32.988081	10	15	-15.801448	13.832888	1	579.42987
12.4117	33.159	8	15	-15.77731	13.802772	1	579.42987
12.5148	32.988385	12	15	-15.548825	13.578071	1	579.42987
12.6111	33.088924	15	15	-15.858873	13.688847	1	579.42987
12.7148	33.071117	18	15	-15.712118	13.548514	1	579.42987
12.811	33.147827	17	15	-15.938845	13.54187	1	579.42987
12.8154	33.184223	20	15	-15.948136	13.548888	1	579.42987
13.0128	33.288973	22	15	-15.838829	13.547558	1	579.42987
13.115	33.488611	27	15	-15.878802	13.53228	1	579.42987
13.2113	33.741104	32	15	-15.502199	13.548828	1	579.42987
13.3169	34.428424	36	15	-15.428126	13.542442	1	579.42987
13.412	34.401154	39	15	-15.38184	13.523583	1	579.42987
13.5105	34.278088	42	15	-15.833888	13.534312	1	579.42987
13.6129	34.238828	0	15	-15.888888	13.554352	1	579.42987
13.7182	32.470488	0	15	-15.428182	13.572784	1	579.42987
13.8124	33.837367	0	15	-15.583821	13.814885	1	579.42987
13.918	32.248785	0	15	-15.51888	13.785188	1	579.42987
14.0122	33.832284	0	15	-15.843883	13.788815	1	579.42987
14.1185	32.913429	0	15	-15.387119	13.733319	1	579.42987
14.214	32.918627	0	15	-15.808147	13.887001	1	579.42987
14.3184	33.301385	0	15	-15.788529	13.840043	1	579.42987
14.4125	32.987088	0	15	-15.658882	13.818448	1	579.42987
14.5172	32.388481	0	15	-15.43887	13.807084	1	579.42987
14.6132	32.987771	0	15	-15.448888	13.588888	1	579.42987
14.7189	32.447818	0	15	-15.888121	13.577854	1	579.42987
14.8142	33.218799	0	15	-15.483787	13.888471	1	579.42987
14.9175	32.452884	0	15	-15.178887	13.8878	1	579.42987
15.0136	33.184422	0	15	-15.818888	13.53845	1	579.42987
15.1175	32.722572	0	15	-15.383381	13.848723	1	579.42987
15.2129	32.888002	0	15	-15.788885	13.888352	1	579.42987
15.3175	32.848247	0	15	-15.888887	13.533452	1	579.42987
15.4147	32.888223	0	15	-14.84017	13.847383	1	579.42987
15.5173	32.881888	0	15	-14.872117	13.663808	1	579.42987
15.6135	32.888283	0	15	-14.817217	13.884288	1	579.42987
15.7178	32.888851	0	15	-14.871187	13.833831	1	579.42987
15.8141	32.618188	0	15	-14.848354	13.888818	1	579.42987
15.9178	32.824171	0	15	-14.884018	13.818888	1	579.42987
16.015	33.873316	4	15	-15.888236	13.888884	1	579.42987
16.1183	33.272232	2	15	-14.888847	13.733302	1	579.42987
16.2145	32.712882	5	15	-14.833813	13.878885	1	579.42987
16.3182	33.288021	3	15	-14.888804	13.83128	1	579.42987
16.4142	33.228874	2	15	-14.383388	13.817043	1	579.42987
16.5187	32.723881	3	15	-14.488779	13.882188	1	579.42987
16.618	33.178883	2	15	-14.328887	13.543812	1	579.42987
16.7184	33.370316	2	15	-14.478883	13.583808	1	579.42987
16.8148	32.883871	4	15	-14.388131	13.58488	1	579.42987
16.918	33.133717	4	15	-14.815188	13.538311	1	579.42987
17.0153	33.202454	3	15	-14.288734	13.828702	1	579.42987
17.1188	32.84812	1	15	-14.887817	13.828858	1	579.42987
17.2183	33.203288	8	15	-14.887185	13.828288	1	579.42987
17.3195	33.318855	12	15	-14.815421	13.815182	1	579.42987
17.4187	33.188257	14	15	-14.888887	13.83484	1	579.42987
17.5184	33.222888	13	15	-14.574388	13.838828	1	579.42987
17.6158	33.144112	18	15	-14.888844	13.838858	1	579.42987
17.72	33.288128	23	15	-14.848814	13.828451	1	579.42987
17.8173	33.528184	25	15	-14.888802	13.887824	1	579.42987
17.9188	33.838151	31	15	-14.482484	13.81152	1	579.42987
18.018	33.888338	34	15	-14.348873	13.838888	1	579.42987
18.1284	34.432121	41	15	-14.583235	13.752748	1	579.42987

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18.2185	34.4155	40	15	-14.816488	13.713285	1	579.42987
18.2197	34.348232	41	15	-14.453578	13.8735	1	579.42987
18.417	34.283372	37	15	-14.080822	13.648232	1	579.42987
18.5202	34.48955	1	15	-14.028912	13.82818	1	579.42987
18.6185	32.783488	0	15	-14.136233	13.888198	1	579.42987
18.7201	34.116805	0	15	-13.883823	13.586171	1	579.42987
18.8163	32.889608	0	16	-13.824376	13.574657	1	579.42987
18.9208	33.382388	0	15	-13.788212	13.581447	1	579.42987
19.0181	32.877281	0	15	-13.801877	13.582282	1	579.42987
19.1206	32.883248	0	15	-13.878845	13.587324	1	579.42987
19.2187	33.178182	0	15	-13.837037	13.584872	1	579.42987
19.3214	31.948828	0	15	-13.888972	13.575087	1	579.42987
19.4172	33.882818	0	15	-13.914775	13.588848	1	579.42987
19.521	32.148858	0	15	-13.788047	13.585207	1	579.42987
19.6182	33.528221	0	15	-13.888481	13.58478	1	579.42987
19.7217	32.488131	0	15	-14.088323	13.801289	1	579.42987
19.8178	33.473888	0	15	-13.814685	13.788817	1	579.42987
19.9218	32.888282	0	15	-13.888883	13.841837	1	579.42987
20.0178	33.234177	0	15	-13.888678	13.788888	1	579.42987
20.1221	32.883187	0	15	-13.224441	13.748884	1	579.42987
20.2194	32.443888	0	15	-13.881811	13.788788	1	579.42987
20.3218	32.881884	0	15	-13.888484	13.888882	1	579.42987
20.418	32.188887	0	15	-13.882887	13.882888	1	579.42987
20.5224	33.184228	0	15	-13.888828	13.688284	1	579.42987
20.6186	32.177855	0	15	-13.588858	13.588221	1	579.42987
20.7223	33.082184	0	15	-13.881184	13.688316	1	579.42987
20.8187	32.878888	0	15	-13.881181	13.588888	1	579.42987
20.9228	32.888883	0	15	-13.483338	13.881588	1	579.42987
21.018	33.178434	3	15	-13.848881	13.828714	1	579.42987
21.1228	32.888817	4	15	-13.48824	13.821825	1	579.42987
21.218	32.878477	3	15	-13.884888	13.831822	1	579.42987
21.3228	32.888822	4	15	-13.188878	13.528847	1	579.42987
21.4201	32.884214	8	15	-13.281882	13.5281	1	579.42987
21.5227	32.888878	5	15	-13.131831	13.52788	1	579.42987
21.6188	32.888883	3	15	-13.412288	13.848821	1	579.42987
21.7231	33.083888	8	15	-13.888877	13.888894	1	579.42987
21.8188	32.728887	8	15	-13.138888	13.777288	1	579.42987
21.923	32.878857	6	15	-13.842884	13.788317	1	579.42987
22.0203	32.87334	10	15	-13.881375	13.781128	1	579.42987
22.1237	32.873222	11	15	-13.277128	13.782881	1	579.42987
22.2188	33.08577	9	15	-13.882894	13.882838	1	579.42987
22.3238	32.883432	11	15	-13.284886	13.823384	1	579.42987
22.4188	32.888882	2	15	-12.848884	13.884212	1	579.42987
22.5242	33.01888	0	15	-12.888972	13.588183	1	579.42987
22.6213	33.477878	0	15	-12.71881	13.848245	1	579.42987
22.724	32.822788	0	15	-12.832888	13.588252	1	579.42987
22.8201	32.881852	0	15	-12.733184	13.888828	1	579.42987
22.9248	33.018815	0	15	-13.088314	13.588788	1	579.42987
23.0206	32.888855	0	15	-13.174388	13.544757	1	579.42987
23.1243	32.888813	0	15	-13.223382	13.83877	1	579.42987
23.2218	32.813858	0	15	-12.838788	13.533888	1	579.42987
23.325	32.882882	0	15	-12.888822	13.528745	1	579.42987
23.421	33.078241	0	15	-12.878447	13.838821	1	579.42987
23.5248	32.884185	0	15	-12.883723	13.813172	1	579.42987
23.6288	32.877824	0	15	-12.788888	13.823735	1	579.42987
23.7288	32.883448	0	15	-12.878888	13.828823	1	579.42987
23.8227	32.888888	0	15	-12.813888	13.788113	1	579.42987
23.9281	33.828888	0	15	-12.888187	13.788881	1	579.42987
24.0214	32.775452	0	15	-12.888882	13.787383	1	579.42987
24.1288	32.742725	0	15	-12.881781	13.738887	1	579.42987
24.2214	32.888111	0	15	-12.888534	13.878421	1	579.42987
24.3282	32.278831	0	15	-12.848824	13.828827	1	579.42987

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24.4224	32.148315	0	15	-12.712582	13.607424	1	579.42987
24.5259	32.588673	0	15	-12.871657	13.583141	1	579.42987
24.6217	32.883432	0	15	-12.580225	13.682114	1	579.42987
24.7254	32.987302	0	15	-12.267939	13.545281	1	579.42987
24.8218	32.825241	0	15	-12.107172	13.534289	1	579.42987
24.9291	32.890508	0	15	-12.114385	13.6541	1	579.42987
25.0234	32.5842	0	15	-12.245282	13.538490	1	579.42987
25.128	32.50378	0	15	-12.501147	13.544807	1	579.42987
25.222	33.182922	0	15	-12.370361	13.54343	1	579.42987
25.3267	32.835213	4	15	-12.586173	13.632789	1	579.42987
25.4228	32.715891	2	15	-12.645827	13.535861	1	579.42987
25.5282	33.180173	2	15	-12.843883	13.580831	1	579.42987
25.6238	32.828588	1	15	-12.942068	13.544037	1	579.42987
25.7271	32.870842	1	15	-12.884289	13.654406	1	579.42987
25.8231	33.048229	2	15	-12.657483	13.801874	1	579.42987
25.9285	32.508706	1	15	-12.634050	13.789408	1	579.42987
26.0229	33.188175	1	15	-12.801678	13.718816	1	579.42987
26.1275	32.816225	5	15	-12.803501	13.650642	1	579.42987
26.2247	32.946716	0	15	-12.813335	13.584185	1	579.42987
26.3272	33.129280	7	15	-12.533484	13.676401	1	579.42987
26.4234	32.874062	4	15	-12.937481	13.54261	1	579.42987
26.5276	33.058429	10	15	-12.218375	13.587136	1	579.42987
26.624	32.925108	12	15	-11.888626	13.538868	1	579.42987
26.7274	32.984887	15	15	-11.942094	13.588363	1	579.42987
26.8288	33.144112	17	15	-11.786705	13.538898	1	579.42987
26.9282	33.883248	18	15	-11.798301	13.528824	1	579.42987
27.0283	33.131493	23	15	-11.918805	13.531012	1	579.42987
27.1281	33.148676	29	15	-11.811207	13.658836	1	579.42987
27.2243	33.482628	33	15	-11.817142	13.648184	1	579.42987
27.3281	33.842522	37	15	-11.787844	13.532753	1	579.42987
27.4254	34.008898	35	15	-11.830822	13.535839	1	579.42987
27.5285	34.158782	41	15	-12.003841	13.638238	1	579.42987
27.6242	34.398882	44	15	-12.207809	13.558271	1	579.42987
27.7287	34.48851	44	15	-11.855578	13.74146	1	579.42987
27.8248	34.43230	42	15	-11.858628	13.682818	1	579.42987
27.9282	34.271158	6	15	-12.008888	13.83887	1	579.42987
28.0257	33.036489	1	15	-12.077121	13.80532	1	579.42987
28.129	33.849197	0	15	-11.823534	13.738832	1	579.42987
28.2251	32.488899	0	15	-11.827345	13.888034	1	579.42987
28.3288	33.688814	0	15	-11.888825	13.638334	1	579.42987
28.425	32.248428	0	15	-11.522833	13.818371	1	579.42987
28.5283	33.244841	0	15	-11.818889	13.608885	1	579.42987
28.6288	32.43124	0	15	-11.489188	13.801838	1	579.42987
28.7282	33.183475	0	15	-11.468480	13.881288	1	579.42987
28.8254	32.870883	0	15	-11.88841	13.558038	1	579.42987
28.9288	33.177877	0	15	-11.822252	13.877488	1	579.42987
29.0289	32.857302	0	15	-11.882754	13.588882	1	579.42987
29.1287	32.783406	0	15	-11.861671	13.844181	1	579.42987
29.227	33.278201	0	15	-11.888882	13.838477	1	579.42987
29.3381	33.012257	0	15	-11.578841	13.588884	1	579.42987
29.4383	33.838418	0	15	-11.838381	13.838488	1	579.42987
29.5382	32.882579	0	15	-11.888247	13.838488	1	579.42987
29.6282	33.21378	0	15	-11.888881	13.547881	1	579.42987
29.7306	33.18194	0	15	-11.889113	13.787883	1	579.42987
29.828	33.00288	0	15	-11.438881	13.818832	1	579.42987
29.9308	32.814884	0	15	-11.537880	13.788473	1	579.42987
30.0288	33.208481	0	15	-11.518882	13.705488	1	579.42987
30.1211	32.874062	0	15	-11.388874	13.884882	1	579.42987
30.2271	33.208218	0	15	-11.314254	13.843948	1	579.42987
30.3304	33.124828	0	15	-11.184003	13.587004	1	579.42987
30.4279	32.81858	1	15	-11.848873	13.588247	1	579.42987
30.5312	32.865781	6	15	-11.117486	13.553104	1	579.42987

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30.6272	33.160063	5	15	-11.258205	13.544034	1	579.42987
30.7309	32.991662	3	15	-11.16374	13.549066	1	579.42987
30.8272	33.199444	8	15	-10.973174	13.528953	1	579.42987
30.9316	33.082139	16	15	-11.081134	13.547487	1	579.42987
31.0286	33.044136	18	15	-10.928702	13.563338	1	579.42987
31.1312	33.106361	20	15	-10.943479	13.547923	1	579.42987
31.2274	33.083806	23	15	-10.837707	13.634284	1	579.42987
31.3319	33.138944	26	15	-10.640432	13.542059	1	579.42987
31.428	33.218928	30	15	-10.942549	13.542043	1	579.42987
31.5318	33.375	38	15	-11.052736	13.540952	1	579.42987
31.6291	33.710831	40	15	-10.768066	13.607987	1	579.42987
31.7324	33.990635	40	15	-10.727796	13.604192	1	579.42987
31.8386	33.865786	43	15	-10.690442	13.63217	1	579.42987
31.9322	34.181139	47	15	-9.658338	13.57077	1	579.42987
32.0282	34.327732	41	15	-11.004619	13.755399	1	579.42987
32.1226	34.376312	36	15	-10.67336	13.69484	1	579.42987
32.22	34.432121	36	15	-11.135461	13.667266	1	579.42987
32.3228	34.475826	37	15	-10.986163	13.636332	1	579.42987
32.4287	34.476886	10	15	-10.66264	13.631856	1	579.42987
32.5332	33.461731	2	15	-10.787904	13.602292	1	579.42987
32.6294	33.015869	0	15	-10.789674	13.587706	1	579.42987
32.7329	33.436337	0	15	-10.624021	13.563355	1	579.42987
32.8303	33.273291	0	15	-10.811486	13.59312	1	579.42987
32.9337	32.411256	0	15	-10.637797	13.58766	1	579.42987
33.0266	33.303266	0	15	-10.804846	13.57063	1	579.42987
33.1385	32.637866	0	15	-10.672801	13.666069	1	579.42987
33.2266	32.682436	0	15	-10.634966	13.661371	1	579.42987
33.3335	32.971936	0	15	-10.714826	13.58963	1	579.42987
33.4309	32.21703	0	15	-10.57965	13.639865	1	579.42987
33.5333	33.035419	0	15	-10.919864	13.533229	1	579.42987
33.6299	32.604126	0	15	-10.639592	13.602286	1	579.42987
33.7339	32.926363	0	15	-10.263013	13.782879	1	579.42987
33.8298	33.042063	0	15	-10.320666	13.784506	1	579.42987
33.9337	32.66601	0	15	-10.196308	13.744054	1	579.42987
34.031	33.020206	0	15	-10.354466	13.700667	1	579.42987
34.1344	33.00896	0	15	-10.268669	13.660637	1	579.42987
34.2304	33.065764	0	15	-10.111067	13.637049	1	579.42987
34.3342	33.062169	0	15	-10.003861	13.603439	1	579.42987
34.4304	33.007206	0	15	-9.9766007	13.598373	1	579.42987
34.5347	32.980386	0	15	-9.9660714	13.572616	1	579.42987
34.632	32.969601	0	15	-10.037346	13.563439	1	579.42987
34.7346	33.007206	0	15	-9.8523488	13.558953	1	579.42987
34.8309	32.98466	0	15	-9.8278206	13.543941	1	579.42987
34.9302	32.966662	0	15	-9.7911082	13.537308	1	579.42987
35.0311	32.967066	0	15	-9.830411	13.602267	1	579.42987
35.135	32.966111	2	15	-9.8218066	13.640763	1	579.42987
35.2323	33.002180	3	15	-9.8708011	13.640161	1	579.42987
35.3335	33.007206	3	15	-9.788918	13.639439	1	579.42987
35.4319	32.978854	3	15	-9.8798231	13.53335	1	579.42987
35.5354	32.964667	6	15	-9.8319762	13.530133	1	579.42987
35.6316	32.955216	10	15	-9.7234182	13.649213	1	579.42987
35.739	32.9642	12	15	-9.7337904	13.788089	1	579.42987
35.8334	32.953796	18	15	-9.661136	13.669319	1	579.42987
35.9369	32.967346	18	15	-9.6931425	13.777778	1	579.42987
36.032	32.949074	19	15	-9.6685376	13.668486	1	579.42987
36.1363	32.959054	18	15	-9.4863833	13.652233	1	579.42987
36.2326	32.968653	21	15	-9.6681662	13.634781	1	579.42987
36.3368	32.960493	25	15	-9.5262667	13.607513	1	579.42987
36.4331	32.970663	31	15	-9.7396783	13.667293	1	579.42987
36.5364	33.147827	33	15	-9.882952	13.649469	1	579.42987
36.6325	33.162226	39	15	-9.8072367	13.545327	1	579.42987
36.7362	33.463269	39	15	-9.7684966	13.532035	1	579.42987

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26.8324	33.826256	49	15	-0.7382021	13.823727	1	579.42987
26.8369	33.791873	52	16	-0.8329155	13.532502	1	579.42987
27.0342	33.924137	56	16	-0.4488782	13.8541031	1	579.42987
27.1387	34.12328	64	15	-0.3173589	13.570086	1	579.42987
27.2320	34.271158	69	15	-0.3717364	13.80488	1	579.42987
27.3374	32.980385	0	18	-0.3229128	13.66808	1	579.42987
27.4334	33.286007	0	15	-0.3155718	13.689111	1	579.42987
27.5372	32.988568	0	15	-0.3081295	13.578747	1	579.42987
27.6343	33.218778	0	15	-0.2781478	13.724858	1	579.42987
27.7375	32.989039	0	15	-0.2691985	13.782385	1	579.42987
27.8336	32.984214	0	15	-0.4687743	13.778482	1	579.42987
27.9374	33.049857	0	15	-0.5185894	13.728988	1	579.42987
28.0337	32.965286	0	15	-0.333188	13.688051	1	579.42987
28.1381	32.919029	0	15	-0.0302458	13.944771	1	579.42987
28.2383	32.478382	0	15	-0.0894437	13.688483	1	579.42987
28.3379	32.888671	0	15	-0.958832	13.682848	1	579.42987
28.4341	32.888744	0	15	-0.8544888	13.584312	1	579.42987
28.5385	32.882521	0	15	-0.9173708	13.535485	1	579.42987
28.6348	32.858054	0	15	-0.980413	13.588577	1	579.42987
28.7382	32.898286	0	18	-0.0589118	13.8488764	1	579.42987
28.8367	32.887894	0	15	-0.0358	13.642225	1	579.42987
28.9389	32.873138	0	15	-0.1581842	13.548888	1	579.42987
29.038	32.807372	0	15	-0.1341581	13.542281	1	579.42987
29.1388	32.81575	0	15	-0.0883863	13.53897	1	579.42987
29.2348	32.880947	0	16	-0.8878784	13.538875	1	579.42987
29.3388	32.882679	0	15	-0.888398	13.545834	1	579.42987
29.4381	32.888671	0	15	-0.8884837	13.590885	1	579.42987
29.5388	32.878382	0	15	-0.8887308	13.571178	1	579.42987
29.6348	32.874881	0	15	-0.3823216	13.748881	1	579.42987
29.7383	32.824791	0	15	-0.5488445	13.828184	1	579.42987
29.8384	32.822529	0	15	-0.8383292	13.787845	1	579.42987
29.9381	32.828855	0	15	-0.8848882	13.707071	1	579.42987
40.0384	32.828810	0	15	-0.4888874	13.843848	1	579.42987
40.1387	32.819817	0	15	-0.3233849	13.817787	1	579.42987
40.2388	32.888852	0	15	-0.4888387	13.588708	1	579.42987
40.3388	32.888885	0	15	-0.8888187	13.557537	1	579.42987
40.4387	32.888882	0	15	-0.4873481	13.548819	1	579.42987
40.5401	32.834388	0	16	-0.4197216	13.538873	1	579.42987
40.6374	32.850235	0	15	-0.5188458	13.622148	1	579.42987
40.7388	32.882122	0	16	-0.8202383	13.688487	1	579.42987
40.838	32.838881	0	16	-0.8814813	13.518848	1	579.42987
40.9404	32.844307	0	16	-0.828883	13.640472	1	579.42987
41.0388	32.838887	0	15	-0.8795188	13.643788	1	579.42987
41.1404	32.888888	0	18	-0.8188884	13.684885	1	579.42987
41.2378	32.888791	0	15	-0.4873319	13.828804	1	579.42987
41.3408	32.884881	0	15	-0.3818887	13.628184	1	579.42987
41.4371	32.833387	0	15	-0.8238177	13.632884	1	579.42987
41.5408	32.888471	11	15	-0.8887847	13.681702	1	579.42987
41.6371	32.788828	44	15	-0.4421884	13.734244	1	579.42987
41.7415	32.888388	76	15	-0.3288842	13.77288	1	579.42987
41.8388	33.478873	100	18	-0.8883881	13.724847	1	579.42987
41.9413	34.083511	123	18	-0.8484178	13.678824	1	579.42987
42.0378	34.488783	139	16	-0.3888836	13.648828	1	579.42987
42.1419	34.32783	168	15	-0.4787887	13.821882	1	579.42987
42.238	34.125233	172	15	-0.2312884	13.801	1	579.42987
42.3412	33.83846	178	15	-0.2457843	13.681837	1	579.42987
42.4385	33.85486	186	15	-0.1788036	13.587183	1	579.42987
42.5418	33.880151	201	15	-0.1887833	13.558824	1	579.42987
42.6378	33.548882	213	15	-0.1888833	13.548835	1	579.42987
42.7418	33.138836	222	15	-0.031745	13.587489	1	579.42987
42.8378	32.541873	231	15	-0.2873846	13.678813	1	579.42987
42.9424	31.888188	245	15	-0.2478827	13.583182	1	579.42987

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43.0396	31.302952	290	15	-6.2944288	13.584233	1	579.42987
43.142	30.867371	275	15	-8.2968845	13.588873	1	579.42987
43.2381	30.581839	280	15	-5.3520288	13.588017	1	579.42987
43.3426	31.149107	283	15	-5.2444725	13.581188	1	579.42987
43.4398	31.878038	297	15	-8.0411472	13.541635	1	579.42987
43.5425	31.827193	318	15	-7.9878423	13.689314	1	579.42987
43.6398	31.142516	322	15	-8.0077781	13.827781	1	579.42987
43.743	30.743418	325	15	-7.8912808	13.875378	1	579.42987
43.8392	30.598022	338	15	-7.8562584	13.827874	1	579.42987
43.9429	30.838885	339	15	-7.8882708	13.794503	1	579.42987
44.0391	31.502832	342	15	-7.8888888	13.737283	1	579.42987
44.1434	32.150105	355	15	-7.830788	13.888888	1	579.42987
44.2409	32.406728	353	15	-7.8883436	13.822244	1	579.42987
44.3432	33.388673	369	15	-7.8873408	13.688045	1	579.42987
44.4394	33.271365	381	15	-7.7888423	13.884888	1	579.42987
44.544	38.708024	388	15	-7.8367587	13.588273	1	579.42987
44.6401	42.428764	383	15	-7.8783404	13.588888	1	579.42987
44.7437	48.18879	388	15	-7.8320138	13.848815	1	579.42987
44.8412	58.148871	407	15	-7.8888774	13.554848	1	579.42987
44.9444	56.513355	418	15	-7.8388873	13.884447	1	579.42987
45.0408	62.838888	427	15	-7.8818084	13.888329	1	579.42987
45.1443	67.385475	434	15	-7.811788	13.882789	1	579.42987
45.2404	88.338888	439	15	-7.4888319	13.882848	1	579.42987
45.3443	70.158112	444	15	-7.422804	13.884888	1	579.42987
45.4417	71.488247	446	15	-7.1678881	13.882113	1	579.42987
45.5441	71.488041	488	15	-7.2278884	13.788378	1	579.42987
45.6403	71.388748	488	15	-7.1248454	13.872384	1	579.42987
45.7449	71.138888	483	15	-7.1788787	13.881888	1	579.42987
45.8409	70.813225	484	15	-7.2418814	13.878388	1	579.42987
45.9446	70.888083	473	15	-7.8881881	13.82188	1	579.42987
46.0419	70.818428	482	15	-6.8888717	13.741725	1	579.42987
46.1432	70.781189	488	15	-6.8421887	13.718817	1	579.42987
46.2412	70.787173	491	15	-6.8888888	13.888789	1	579.42987
46.3446	70.753218	483	15	-7.8888783	13.848882	1	579.42987
46.4411	70.214287	500	15	-7.8418835	13.812454	1	579.42987
46.5486	69.882036	509	15	-6.8887827	13.878187	1	579.42987
46.643	68.845885	511	15	-6.881231	13.874466	1	579.42987
46.7463	68.27282	514	15	-6.8884817	13.872823	1	579.42987
46.8414	68.888821	514	15	-6.8388257	13.853131	1	579.42987
46.9481	68.853481	518	15	-6.7888774	13.884882	1	579.42987
47.0421	68.152854	525	15	-6.8727738	13.853886	1	579.42987
47.1458	67.741173	529	15	-6.8378182	13.848888	1	579.42987
47.2432	68.745239	534	15	-6.8884774	13.888461	1	579.42987
47.3484	65.733582	539	15	-6.8888811	13.841881	1	579.42987
47.4428	64.488153	545	15	-6.4428818	13.884887	1	579.42987
47.5483	63.870382	550	15	-6.2883116	13.782811	1	579.42987
47.6424	63.18272	554	15	-6.2785725	13.883888	1	579.42987
47.7488	62.548704	561	15	-6.3788885	13.888818	1	579.42987
47.8443	62.388458	587	15	-6.1734828	13.888183	1	579.42987
47.9488	62.281846	577	15	-6.3388882	13.888887	1	579.42987
48.0428	62.887742	584	15	-6.3888888	13.738378	1	579.42987
48.1472	64.288807	589	15	-6.4471482	13.874438	1	579.42987
48.2434	65.888882	584	15	-6.888782	13.837884	1	579.42987
48.3486	67.218541	600	15	-6.8711546	13.888883	1	579.42987
48.4439	68.884735	605	15	-6.1811238	13.888888	1	579.42987
48.547	68.821571	613	15	-6.8888816	13.888129	1	579.42987
48.6432	69.83285	618	15	-6.8288884	13.884886	1	579.42987
48.747	70.848472	621	15	-6.1884182	13.881218	1	579.42987
48.8432	70.385155	622	15	-6.3888862	13.884712	1	579.42987
48.9475	70.314184	127	15	-6.1178885	13.887887	1	579.42987
49.0447	70.388888	0	15	-6.8138843	13.887882	1	579.42987
49.1473	68.27478	0	15	-6.8883835	13.782188	1	579.42987

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49.2435	60.908009	0	15	-5.5810114	13.741530	1	579.42987
49.346	58.628635	0	15	-5.7193364	13.766269	1	579.42987
49.4441	55.949026	0	15	-5.6730541	13.742269	1	579.42987
49.5477	53.477565	0	15	-5.8208828	13.877484	1	579.42987
49.6451	52.589577	0	15	-5.6790035	13.593555	1	579.42987
49.7482	49.428146	0	15	-5.9508575	13.988311	1	579.42987
49.8444	47.818178	0	15	-5.7831655	13.782784	1	579.42987
49.9482	42.888107	0	15	-5.7075572	13.89871	1	579.42987
50.0444	40.111214	0	15	-5.957289	13.54624	1	579.42987
50.1489	37.297681	0	15	-5.6545	13.812018	1	579.42987
50.2462	35.863697	0	15	-5.7473302	13.686034	1	579.42987
50.3486	34.685619	0	15	-5.8984909	13.526926	1	579.42987
50.4449	33.52815	0	15	-5.8508173	13.510079	1	579.42987
50.5482	33.409451	0	15	-5.5330749	13.514538	1	579.42987
50.6455	33.205989	0	15	-5.5238385	13.513216	1	579.42987
50.7491	32.808135	0	15	-5.4485239	13.490821	1	579.42987
50.8489	32.899547	0	15	-5.3851728	13.486472	1	579.42987
50.9498	32.89344	0	15	-5.4410167	13.68988	1	579.42987
51.0467	32.241388	0	15	-5.3086118	13.614589	1	579.42987
51.1488	32.177832	0	15	-5.3980934	13.52249	1	579.42987
51.2456	32.31228	0	15	-5.4332388	13.508373	1	579.42987
51.3486	32.251481	0	15	-5.3881838	13.517586	1	579.42987
51.447	32.68914	0	15	-5.2538072	13.887786	1	579.42987
51.5489	32.884792	0	15	-5.2438788	13.778278	1	579.42987
51.6453	32.837088	0	15	-5.0642118	13.773252	1	579.42987
51.7502	32.885758	0	15	-5.0821989	13.744871	1	579.42987
51.8463	32.546828	5	15	-5.0687551	13.884043	1	579.42987
51.85	32.861868	73	15	-4.9838064	13.828042	1	579.42987
52.0472	32.870452	147	15	-4.8788097	13.58909	1	579.42987
52.1505	32.869488	211	15	-4.84856	13.54795	1	579.42987
52.2486	34.338417	241	15	-4.8251486	13.639834	1	579.42987
52.3504	34.118112	283	15	-4.8838845	13.51681	1	579.42987
52.4494	33.833281	315	15	-4.8058094	13.508066	1	579.42987
52.5809	34.248889	338	15	-4.8228831	13.510711	1	579.42987
52.6481	35.582348	342	15	-4.4822685	13.482344	1	579.42987
52.7507	36.882268	352	15	-4.4884741	13.525813	1	579.42987
52.8466	39.088343	383	15	-4.3972883	13.513829	1	579.42987
52.9615	41.401173	380	15	-4.2880885	13.601781	1	579.42987
53.0478	48.888324	405	15	-4.323388	13.600814	1	579.42987
53.1811	47.88789	421	15	-4.2312784	13.518944	1	579.42987
53.2486	51.57373	431	15	-4.2884288	13.528685	1	579.42987
53.3818	58.348158	443	15	-4.358515	13.538289	1	579.42987
53.4478	62.122718	447	15	-4.4782071	13.838218	1	579.42987
53.5517	64.308415	451	15	-4.3812344	13.827815	1	579.42987
53.6478	65.029167	457	15	-4.4388512	13.871878	1	579.42987
53.7523	68.842489	485	15	-4.2843282	13.833312	1	579.42987
53.8496	68.785043	471	15	-4.1488458	13.794401	1	579.42987
53.852	65.428888	482	15	-4.1174431	13.73738	1	579.42987
54.046	64.835483	487	15	-3.9740181	13.683823	1	579.42987
54.1627	63.729153	492	15	-3.8792885	13.882344	1	579.42987
54.2467	62.478362	489	15	-4.0383244	13.811523	1	579.42987
54.352	61.880485	503	15	-4.0881174	13.585889	1	579.42987
54.4489	60.915321	509	15	-4.0518861	13.691828	1	579.42987
54.5526	61.425614	512	15	-4.0688979	13.583211	1	579.42987
54.6487	62.225403	518	15	-3.92418	13.667618	1	579.42987
54.7525	63.483531	524	15	-3.8182851	13.652371	1	579.42987
54.8485	68.122828	532	15	-3.8474308	13.867884	1	579.42987
54.963	67.111786	542	15	-3.8220861	13.558249	1	579.42987
55.0603	68.380843	550	15	-3.8298868	13.543452	1	579.42987
55.1627	69.800592	558	15	-3.8735438	13.54283	1	579.42987
55.2488	70.390584	586	15	-3.8942813	13.647255	1	579.42987
55.3532	70.388245	571	15	-3.9179428	13.583384	1	579.42987

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55.4498	70.413544	575	15	-3.8338058	13.704300	1	579.42987
55.5532	70.462285	584	15	-3.8020482	13.874358	1	579.42987
55.6506	70.531987	592	15	-3.7210615	13.808971	1	579.42987
55.7538	69.778587	598	15	-3.7369008	13.870787	1	579.42987
55.85	68.882309	600	15	-3.6881197	13.832882	1	579.42987
55.9537	67.828278	607	15	-3.7217858	13.74227	1	579.42987
56.0498	66.734543	613	15	-3.6484657	13.698884	1	579.42987
56.1543	64.827448	621	16	-3.6470788	13.651293	1	579.42987
56.2618	63.283738	627	15	-3.681257	13.614386	1	579.42987
56.3639	63.044815	634	15	-3.6181079	13.604802	1	579.42987
56.4601	63.227278	637	15	-3.598432	13.570888	1	579.42987
56.5644	64.889281	0	16	-3.4797784	13.584413	1	579.42987
56.6608	68.326584	0	16	-3.4934106	13.632588	1	579.42987
56.7644	68.908914	0	18	-3.4948188	13.70357	1	579.42987
56.8617	59.14076	0	13	-3.4778873	13.732813	1	579.42987
56.955	54.180187	0	15	-3.5277109	13.724088	1	579.42987
57.0511	63.058518	0	15	-3.5888188	13.683148	1	579.42987
57.158	62.182641	0	15	-3.2732141	13.880188	1	579.42987
57.2611	60.580084	0	15	-3.1858354	13.589827	1	579.42987
57.365	48.488184	0	15	-3.0888884	13.548181	1	579.42987
57.4623	47.337231	0	15	-2.9882838	13.680513	1	579.42987
57.5648	41.423347	0	15	-2.8464127	13.734038	1	579.42987
57.6809	38.712895	0	16	-2.7888183	13.670012	1	579.42987
57.7553	36.848186	0	15	-2.7612487	13.601444	1	579.42987
57.8518	28.433813	0	18	-2.8632773	13.54324	1	579.42987
57.9561	34.218893	0	16	-2.7182000	13.588131	1	579.42987
58.0528	33.748288	0	15	-2.8578481	13.4982	1	579.42987
58.1888	33.880029	0	16	-2.8820891	13.488173	1	579.42987
58.252	33.484384	0	15	-2.4248026	13.473524	1	579.42987
58.3657	33.16742	0	15	-2.4437819	13.472538	1	579.42987
58.4618	33.078867	0	15	-2.2043188	13.484838	1	579.42987
58.5582	33.630791	0	16	-2.2638881	13.480185	1	579.42987
58.6538	32.888888	0	15	-2.2278383	13.436121	1	579.42987
58.7561	38.018887	0	16	-2.2471472	13.482848	1	579.42987
58.8523	33.018823	0	15	-2.448077	13.488274	1	579.42987
58.9588	32.888889	0	15	-2.4188214	13.487543	1	579.42987
59.0627	32.988881	0	16	-2.32872	13.481062	1	579.42987
59.1888	32.871815	0	15	-2.5888573	13.608888	1	579.42987
59.2638	33.08888	0	15	-2.8887781	13.484377	1	579.42987
59.367	33.248435	0	15	-2.5818887	13.510047	1	579.42987
59.4831	33.127888	1	15	-2.4788482	13.638818	1	579.42987
59.587	32.884178	84	15	-2.434278	13.888828	1	579.42987
59.6531	32.88888	148	15	-2.2818883	13.888432	1	579.42987
59.7576	33.488847	214	15	-2.1188254	13.588828	1	579.42987
59.855	38.041888	257	16	-2.210417	13.888914	1	579.42987
59.9673	35.532278	285	16	-2.2775885	13.888411	1	579.42987
60.0634	38.418788	308	15	-2.8887288	13.888413	1	579.42987
60.158	37.720181	338	15	-2.8887878	13.588288	1	579.42987
60.254	41.188812	357	15	-1.8884438	13.534888	1	579.42987
60.3672	42.637884	365	15	-2.0148883	13.43841	1	579.42987
60.4547	48.178388	377	15	-1.7881271	13.488071	1	579.42987
60.5678	48.888883	402	18	-1.7888881	13.588751	1	579.42987
60.6638	47.488877	414	15	-1.7284427	13.613462	1	579.42987
60.7378	48.888887	427	16	-1.8888884	13.888888	1	579.42987
60.8638	47.881185	436	16	-1.8888883	13.488344	1	579.42987
60.9584	48.178384	460	15	-1.5788413	13.888888	1	579.42987
61.0588	32.788312	454	15	-1.3788828	13.518388	1	579.42987
61.158	57.887831	488	16	-1.3883325	13.587738	1	579.42987
61.2542	61.22747	476	15	-1.4284388	13.822488	1	579.42987
61.3587	84.227477	488	15	-1.2887886	13.588484	1	579.42987
61.4547	88.381886	488	15	-1.4888888	13.747788	1	579.42987
61.5588	67.678314	503	15	-1.5889187	13.78435	1	579.42987

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81.2567	86.468022	512	15	-1.223809	13.778059	1	578.42887
81.7582	86.717087	520	15	-1.1353997	13.888732	1	578.42887
81.8563	86.321378	530	15	-1.0443184	14.131865	1	578.42887
81.9589	86.071594	638	15	-0.92884719	14.417173	1	578.42887
82.0582	87.408037	543	15	-0.9208823	14.685285	1	578.42887
82.1588	85.853874	551	15	-0.82920188	14.939278	1	578.42887
82.2588	88.888877	568	15	-0.71338411	15.088715	1	578.42887
82.3584	83.367482	583	15	-0.68247818	15.198177	1	578.42887
82.4584	83.788898	588	15	-0.60722828	15.225234	1	578.42887
82.5589	85.552346	577	18	-0.6884137	15.287053	1	578.42887
82.6581	87.380133	584	15	-0.7085578	15.284954	1	578.42887
82.7588	86.855453	591	18	-0.78428184	15.315378	1	578.42887
82.8671	70.328117	605	95	-0.88874842	15.388481	1	578.42887
82.8804	70.388894	600	16	-0.65140667	15.321798	1	578.42887
83.0588	70.377548	608	18	-0.82141628	15.342534	1	578.42887
83.1883	70.438882	615	15	-0.57814813	15.367192	1	578.42887
83.2883	70.388895	619	15	-0.48888488	15.368888	1	578.42887
83.3882	89.788897	625	14	-0.4978788	16.232711	1	578.42887
83.4878	88.51884	627	15	-0.51341788	15.318823	1	578.42887
83.58	85.823038	0	15	-0.44588179	15.334288	1	578.42887
83.6882	86.338485	0	15	-0.48881834	15.401037	1	578.42887
83.7887	80.031521	0	18	-0.48284342	15.422885	1	578.42887
83.8887	88.017888	0	18	-0.28888445	15.448813	1	578.42887
83.9885	82.884388	0	18	-0.23881884	15.488788	1	578.42887
84.0577	82.038888	0	18	-0.18888322	15.477884	1	578.42887
84.1872	48.848443	0	15	-0.18888320	15.447884	1	578.42887
84.2573	48.5	0	15	-0.21881834	15.423278	1	578.42887
84.3811	43.078415	0	15	-0.17178841	15.428222	1	578.42887
84.487	45.888822	0	15	-0.11848413	15.427725	1	578.42887
84.5818	42.788887	0	15	-0.18828887	15.388888	1	578.42887
84.6888	38.333782	0	15	-0.188882	15.388342	1	578.42887
84.7813	38.848881	0	15	-0.788882	15.388778	1	578.42887
84.8874	35.888888	0	15	-0.488882	15.377884	1	578.42887
84.8818	38.088888	0	15	-2.188882	15.388278	1	578.42887
85.0882	34.131783	0	15	-5.148883	15.388483	1	578.42887
85.1817	33.477458	0	15	4.188882	15.388458	1	578.42887
85.2882	33.118485	0	15	7.778882	15.388434	1	578.42887
85.3824	33.438882	0	15	0.14887738	15.408178	1	578.42887
85.4884	32.788888	0	15	0.18848782	15.415237	1	578.42887
85.5822	32.7888	0	15	0.28888888	15.408821	1	578.42887
85.6884	32.887842	0	15	0.24887288	15.422888	1	578.42887
85.7888	32.881781	88	15	0.24148483	15.434883	1	578.42887
85.8882	32.878888	141	16	0.21378487	15.427887	1	578.42887
85.9828	32.888888	177	15	0.28288821	15.418843	1	578.42887
86.0887	32.488888	209	15	0.30088883	15.408887	1	578.42887
86.1832	32.874848	227	15	0.33578888	15.388881	1	578.42887
86.2885	33.888884	247	18	0.34888844	15.403483	1	578.42887
86.3824	34.142881	288	15	0.38488824	15.408888	1	578.42887
86.4588	38.03482	284	15	0.41888788	15.388858	1	578.42887
86.5832	37.578815	309	18	0.54843188	15.388231	1	578.42887
86.6888	38.481834	327	15	0.58788788	15.388383	1	578.42887
86.783	38.818837	348	15	0.44888822	15.388888	1	578.42887
86.8882	40.888837	382	18	0.52884182	15.388444	1	578.42887
86.8838	42.888881	381	15	0.48788453	15.388888	1	578.42887
87.081	43.728278	394	18	0.42888872	15.388882	1	578.42887
87.1833	48.888188	404	18	0.38418818	15.381343	1	578.42887
87.2588	48.888487	414	15	0.38513201	15.37858	1	578.42887
87.384	48.728878	428	15	0.37888174	15.348884	1	578.42887
87.4888	80.058841	436	15	0.48812328	15.348428	1	578.42887
87.5838	80.188445	448	15	0.38888183	15.377881	1	578.42887
87.6813	80.848887	453	18	0.38888388	15.315111	1	578.42887
87.7844	51.358888	484	15	0.41881884	15.287484	1	578.42887

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67.8605	62.462729	478	15	0.30391923	15.562181	1	579.42987
67.9643	64.562561	489	15	0.55460669	15.377705	1	579.42987
68.0604	58.511028	498	15	0.8517185	15.357503	1	579.42987
68.1648	58.752518	508	15	0.84041114	15.331719	1	579.42987
68.2622	58.583658	518	15	0.72885841	15.328958	1	579.42987
68.3646	54.839469	525	15	0.0458305	15.330998	1	579.42987
68.4608	63.784257	533	16	0.98778261	15.373805	1	579.42987
68.5483	52.81057	540	15	1.1029722	15.324108	1	579.42987
68.6613	63.864382	545	16	1.0796478	15.315294	1	579.42987
68.7691	53.585898	551	15	1.1569158	15.323343	1	579.42987
68.8624	58.040379	554	15	1.2732488	15.350275	1	579.42987
68.9658	58.246072	566	15	1.3367387	15.378174	1	579.42987
69.0618	57.07505	573	15	1.3272949	15.368813	1	579.42987
69.1655	57.71804	586	15	1.2989432	15.371647	1	579.42987
69.2618	59.477821	600	15	1.331468	15.34746	1	579.42987
69.3659	59.276798	606	15	1.4351288	15.341203	1	579.42987
69.4632	66.378839	610	15	1.4188648	15.31959	1	579.42987
69.5658	68.08994	613	15	1.4697473	15.320987	1	579.42987
69.6617	68.44082	616	15	1.3025386	15.372515	1	579.42987
69.7693	58.100349	617	15	1.4906909	15.420453	1	579.42987
69.8624	62.38084	620	15	1.4087837	15.3643	1	579.42987
69.965	63.817294	544	15	1.8772483	15.349828	1	579.42987
70.0632	63.728838	0	15	1.5231332	15.384382	1	579.42987
70.1685	68.87989	0	15	1.5788878	15.451398	1	579.42987
70.2627	66.738827	0	15	1.7094127	15.464073	1	579.42987
70.3664	58.487781	0	15	1.8747174	15.488711	1	579.42987
70.4627	49.888882	0	15	1.8471578	15.465555	1	579.42987
70.5671	48.5	0	15	1.9185112	15.477847	1	579.42987
70.6645	47.868217	0	15	1.8545588	15.446763	1	579.42987
70.7688	48.031174	0	15	1.7613883	15.435341	1	579.42987
70.863	47.337821	0	15	1.8722311	15.447882	1	579.42987
70.9678	44.292218	0	15	1.8883846	15.424185	1	579.42987
71.0636	39.389827	0	15	2.0013061	15.430021	1	579.42987
71.1672	40.388282	0	15	2.0887039	15.408557	1	579.42987
71.2617	38.278872	0	15	2.0642893	15.390744	1	579.42987
71.3679	38.528115	0	15	2.0805488	15.390858	1	579.42987
71.464	45.840888	0	15	2.1238809	15.419302	1	579.42987
71.5678	34.013873	0	15	2.2854438	15.408102	1	579.42987
71.684	35.411888	0	15	2.2350089	15.411081	1	579.42987
71.7884	33.299721	0	15	2.3802159	15.43804	1	579.42987
71.8887	33.888141	0	15	2.4218738	15.447702	1	579.42987
71.9882	33.373828	0	15	2.4435685	15.438877	1	579.42987
72.0643	32.781227	0	15	2.4525719	15.448724	1	579.42987
72.1687	32.804835	0	15	2.5435489	15.468634	1	579.42987
72.2848	32.588287	0	15	2.72317	15.431008	1	579.42987
72.3881	32.812881	0	15	2.7140381	15.425719	1	579.42987
72.4884	32.888842	48	15	2.8233344	15.421883	1	579.42987
72.5886	32.474855	108	15	2.8282067	15.425748	1	579.42987
72.6848	32.583873	183	15	2.8511833	15.419801	1	579.42987
72.7886	32.48127	183	15	2.8401298	15.438488	1	579.42987
72.8848	32.451884	206	15	2.7381348	15.434838	1	579.42987
72.989	32.340072	235	15	2.7857882	15.427381	1	579.42987
73.0885	32.382782	255	15	2.980488	15.46114	1	579.42987
73.1888	32.384579	271	15	2.8612867	15.432774	1	579.42987
73.286	32.462288	287	15	3.0385438	15.436778	1	579.42987
73.3885	32.345855	325	15	3.1161981	15.43249	1	579.42987
73.4886	32.458838	349	15	3.1587435	15.408808	1	579.42987
73.5883	32.628708	373	15	3.1457838	15.404735	1	579.42987
73.6888	32.410263	399	15	3.080885	15.43143	1	579.42987
73.7701	32.445778	408	15	2.9783228	15.422885	1	579.42987
73.8861	32.284838	428	15	3.0834748	15.428808	1	579.42987
73.9889	32.3144	444	15	2.8538373	15.435447	1	579.42987

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74.066	32.232201	463	15	3.065254	15.466089	1	579.42967
74.1703	32.16519	477	15	3.1266124	15.449086	1	579.42967
74.2676	32.289154	494	15	3.1788555	15.440810	1	579.42967
74.3703	32.165504	509	15	3.1016821	15.444428	1	579.42967
74.4663	32.158943	523	15	3.1616402	15.452274	1	579.42967
74.571	32.184246	535	15	3.1840306	15.482825	1	579.42967
74.6660	32.160406	548	16	3.1272147	15.464815	1	579.42967
74.7708	32.177662	569	16	3.1828546	15.464547	1	579.42967
74.866	32.173954	574	15	3.2485805	15.466061	1	579.42967
74.9719	32.206941	582	15	3.2724362	15.464016	1	579.42967
75.0674	32.406664	603	16	3.3816674	15.439191	1	579.42967
75.1712	33.035702	615	16	3.4243689	15.453579	1	579.42967
75.2672	32.803367	630	15	3.4710743	15.447736	1	579.42967
75.3714	33.41777	640	15	3.4633669	15.466786	1	579.42967
75.4687	33.628742	648	15	3.5300068	15.451318	1	579.42967
75.5719	33.746236	660	15	3.4986506	15.444706	1	579.42967
75.6673	34.032013	671	16	3.6292083	15.448911	1	579.42967
75.7717	34.468301	682	15	3.6793482	15.472272	1	579.42967
75.866	34.950665	670	16	3.6691768	15.462650	1	579.42967
75.9716	35.264233	0	16	3.7498948	15.484167	1	579.42967
76.066	36.533647	0	16	3.8142021	15.467864	1	579.42967
76.1722	38.606049	0	16	3.9061068	15.461594	1	579.42967
76.2684	37.083344	0	15	3.8919613	15.447732	1	579.42967
76.3721	34.602617	0	16	3.90660	15.453565	1	579.42967
76.4661	33.000755	0	16	3.6381166	15.44723	1	579.42967
76.5727	33.400043	0	15	4.000526	15.460387	1	579.42967
76.67	33.546448	0	15	4.0561594	15.471163	1	579.42967
76.7728	33.189662	0	15	4.0021630	15.467491	1	579.42967
76.8666	33.006677	0	15	3.8666542	15.460764	1	579.42967
76.9731	33.912441	0	15	4.0284113	15.46576	1	579.42967
77.0663	33.236481	0	16	4.1106346	15.465152	1	579.42967
77.1729	33.003061	0	15	4.1176226	15.461566	1	579.42967
77.2701	33.666214	0	16	4.2540360	15.454232	1	579.42967
77.3735	33.322124	0	15	4.2134785	15.463584	1	579.42967
77.4668	33.107136	0	15	4.1464274	15.466661	1	579.42967
77.5734	33.133866	0	15	4.2294626	15.478503	1	579.42967
77.6669	33.231285	0	15	4.3120048	15.481246	1	579.42967
77.7730	33.073067	0	15	4.4466063	15.480650	1	579.42967
77.8712	32.817081	0	15	4.3374758	15.465700	1	579.42967
77.9736	33.149779	0	16	4.3950109	15.463367	1	579.42967
78.0668	33.111264	0	16	4.3480792	15.454306	1	579.42967
78.1744	32.86419	0	16	4.3629424	15.463636	1	579.42967
78.2704	33.066621	0	15	4.448061	15.463586	1	579.42967
78.3736	32.864167	0	15	4.4666037	16.475302	1	579.42967
78.471	32.873434	0	15	4.4563074	15.474229	1	579.42967
78.5744	32.874125	0	15	4.4701736	15.466664	1	579.42967
78.6704	32.816664	0	16	4.6257256	15.481012	1	579.42967
78.774	32.961166	0	15	4.4423537	16.472233	1	579.42967
78.8702	32.837521	0	16	4.4617063	16.464636	1	579.42967
78.9747	32.812642	0	15	4.400548	16.442561	1	579.42967
79.072	33.624284	0	15	4.5923191	16.435168	1	579.42967
79.1748	32.86062	0	15	4.7767664	16.474314	1	579.42967
79.2706	32.931336	0	15	4.816222	15.471467	1	579.42967
79.3761	32.996123	0	15	4.7080641	15.45006	1	579.42967
79.4712	32.803366	0	15	4.7104583	15.449638	1	579.42967
79.5749	32.862462	0	15	4.8156436	15.466143	1	579.42967
79.6721	32.867607	0	15	4.787288	15.481304	1	579.42967
79.7754	33.014683	0	16	4.7570434	15.475838	1	579.42967
79.8715	32.877483	0	15	4.6621309	15.462366	1	579.42967
79.9753	32.86617	0	15	4.6477034	15.452653	1	579.42967
80.0715	32.862668	0	15	4.8220925	15.466007	1	579.42967
80.176	32.966483	0	15	4.8617895	15.467512	1	579.42967

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80.2732	32.851449	0	15	4.8718001	15.463585	1	579.42987
80.3758	33.025998	0	15	4.6045428	15.477089	1	579.42987
80.472	32.942204	0	15	5.2133737	15.487413	1	579.42987
80.5763	32.9117851	0	15	5.2468243	15.487907	1	579.42987
80.6728	32.981212	0	15	5.3279285	15.475016	1	579.42987
80.7762	32.97987	0	15	5.34823	15.487309	1	579.42987
80.8734	32.943384	0	15	5.2720432	15.48789	1	579.42987
80.9768	32.878326	0	15	5.2787267	15.486958	1	579.42987
81.078	32.982483	890	15	5.1528284	15.486638	1	579.42987
81.1786	33.070721	1020	15	5.3847763	15.471342	1	579.42987
81.2728	33.587846	1021	15	5.3090813	15.486781	1	579.42987
81.3788	33.69885	1021	15	5.2844138	15.485831	1	579.42987
81.4741	33.881339	1021	15	5.2835817	15.495387	1	579.42987
81.5788	34.138788	1021	15	5.3480138	15.482071	1	579.42987
81.6727	34.635588	1021	15	5.388458	15.471819	1	579.42987
81.7772	34.898988	1021	15	5.4882086	15.478312	1	579.42987
81.8732	35.126732	1021	15	5.4981581	15.483138	1	579.42987
81.977	35.60412	1021	15	5.5757375	15.478707	1	579.42987
82.0743	35.989448	1021	15	5.633281	15.470584	1	579.42987
82.1774	36.888888	1021	15	5.5842827	15.481142	1	579.42987
82.2737	37.872325	1021	15	5.6011872	15.482194	1	579.42987
82.3774	38.712887	1021	15	5.6028817	15.484055	1	579.42987
82.4734	39.848202	402	15	5.6388888	15.470777	1	579.42987
82.5779	38.3628	0	15	5.6381841	15.518041	1	579.42987
82.6782	47.289448	0	15	5.7009144	15.5338	1	579.42987
82.7777	48.317928	0	15	5.7307711	15.518283	1	579.42987
82.8738	48.9778	0	15	5.7305198	15.488858	1	579.42987
82.9783	53.097388	0	15	5.771718	15.448471	1	579.42987
83.0745	41.413824	0	15	5.787842	15.440821	1	579.42987
83.1783	38.378941	0	15	5.7882887	15.488143	1	579.42987
83.2785	58.788072	0	15	5.7878434	15.480225	1	579.42987
83.3788	36.314472	0	15	5.7839088	15.48384	1	579.42987
83.4748	38.467194	0	15	5.8488133	15.488188	1	579.42987
83.5788	34.778126	0	15	5.7888788	15.501087	1	579.42987
83.6747	34.08811	0	15	5.8888048	15.474853	1	579.42987
83.7782	33.184447	0	15	5.884423	15.485433	1	579.42987
83.8786	32.782181	0	15	5.7380013	15.452218	1	579.42987
83.9782	32.822387	0	15	5.8273183	15.448888	1	579.42987
84.0782	32.483375	0	15	5.8884244	15.47177	1	579.42987
84.1787	32.408488	0	15	5.8888012	15.468788	1	579.42987
84.2787	32.343124	0	15	5.8881881	15.481273	1	579.42987
84.3788	32.284785	0	15	5.8878319	15.487214	1	579.42987
84.4782	32.308128	0	15	5.8878379	15.481878	1	579.42987
84.5785	32.284821	584	15	5.8748798	15.488888	1	579.42987
84.6785	32.188788	1018	15	5.1387807	15.484585	1	579.42987
84.7783	32.177882	1020	15	5.8881879	15.482854	1	579.42987
84.8787	32.188733	1021	15	5.1888289	15.47871	1	579.42987
84.9788	32.170873	1021	15	5.1488248	15.477388	1	579.42987
85.0778	32.182578	1021	15	5.2557235	15.487885	1	579.42987
85.1787	32.148588	1021	15	5.2588273	15.48882	1	579.42987
85.2788	32.175818	1021	15	5.2818842	15.512818	1	579.42987
85.3885	32.18888	1021	15	5.2578504	15.50878	1	579.42987
85.4788	32.183388	1021	15	5.2882424	15.482835	1	579.42987
85.5883	22.188718	1021	15	5.3578786	15.484874	1	579.42987
85.6778	32.18878	1021	15	5.2888465	15.488287	1	579.42987
85.7888	32.332417	1021	15	5.2888383	15.47888	1	579.42987
85.877	32.408840	1021	15	5.2728212	15.472344	1	579.42987
85.9885	32.438834	1021	15	5.4082738	15.487883	1	579.42987
86.0788	32.53811	784	15	5.4888876	15.485385	1	579.42987
86.1813	32.732784	0	15	5.5227588	15.483811	1	579.42987
86.2788	32.851524	0	15	5.4725533	15.488783	1	579.42987
86.3811	32.848284	0	15	5.5188048	15.488888	1	579.42987

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86.4773	32.818707	0	15	6.4851861	15.482557	1	579.42987
86.6816	32.804619	0	16	6.5684060	15.485326	1	579.42987
86.6779	32.866880	0	16	6.627878	15.510883	1	579.42987
86.7818	32.882148	0	15	6.5933851	15.482857	1	579.42987
86.6789	32.877132	0	15	6.5407839	15.482761	1	579.42987
86.9821	32.889132	0	15	6.6333244	16.504718	1	579.42987
87.0782	32.980189	0	16	6.6888546	16.50302	1	579.42987
87.1816	32.886835	0	15	6.7338617	15.483886	1	579.42987
87.2782	32.917297	0	15	6.747849	15.48844	1	579.42987
87.3821	32.97411	0	15	6.7610872	15.477175	1	579.42987
87.4794	32.988845	0	15	6.700685	16.505485	1	579.42987
87.5818	32.883297	0	15	6.7590431	15.498831	1	579.42987
87.678	32.98069	0	15	6.7718834	15.481821	1	579.42987
87.7824	32.893745	0	15	6.780138	15.48474	1	579.42987
87.8787	32.888452	0	15	6.6511116	15.483584	1	579.42987
87.9822	32.982845	0	15	6.7132236	15.511808	1	579.42987
88.0798	32.911114	0	15	6.8447809	15.494843	1	579.42987
88.183	32.857951	0	15	6.9047963	15.494314	1	579.42987
88.2788	32.924981	0	18	7.111878	15.514064	1	579.42987
88.3828	32.822784	0	15	7.1547988	15.495035	1	579.42987
88.4788	33.061088	0	15	7.2418855	15.487823	1	579.42987
88.5832	33.02182	0	15	7.2423383	16.489381	1	579.42987
88.6887	33.00843	0	15	7.2221026	15.489188	1	579.42987
88.7832	32.888178	381	15	7.1986789	15.48887	1	579.42987
88.8788	32.995189	1008	16	7.1817124	15.483874	1	579.42987
88.9838	33.482886	1017	15	7.1437778	15.489279	1	579.42987
89.0798	33.327057	1020	15	7.1280152	15.481382	1	579.42987
89.1838	33.328897	1021	16	7.2881003	15.49488	1	579.42987
89.2889	33.842487	1021	16	7.4474225	15.493078	1	579.42987
89.3842	33.887882	1021	15	7.458883	16.505838	1	579.42987
89.4883	34.47865	1021	15	7.4588888	15.493038	1	579.42987
89.5841	34.684122	1021	16	7.4318721	15.48948	1	579.42987
89.6882	34.825737	1022	16	7.2833481	15.488178	1	579.42987
89.7847	35.118482	1028	15	7.2581645	15.488486	1	579.42987
89.8818	35.422818	1028	15	7.3782783	16.498818	1	579.42987
89.9844	35.783773	1019	15	7.3888128	16.510788	1	579.42987
90.0886	35.88144	1019	15	7.5888341	15.518788	1	579.42987
90.185	36.842845	1018	15	7.638155	15.521484	1	579.42987
90.2812	37.782181	767	16	7.714888	15.52185	1	579.42987
90.3842	37.33448	0	15	7.8515788	15.542244	1	579.42987
90.4817	48.802888	0	16	7.8113758	15.588256	1	579.42987
90.5818	45.888488	0	15	7.8813883	15.518808	1	579.42987
90.6888	44.188434	0	15	7.8788158	15.481388	1	579.42987
90.7848	50.577244	0	15	7.778818	16.484888	1	579.42987
90.8888	39.282874	0	15	7.8248817	15.484781	1	579.42987
90.9884	37.478888	0	18	7.7788375	15.48882	1	579.42987
91.0828	38.811888	0	15	7.8111234	16.479124	1	579.42987
91.1851	35.288431	0	16	7.8448788	15.478782	1	579.42987
91.2818	34.883128	0	16	7.8187728	15.487383	1	579.42987
91.3857	34.351837	0	15	7.8188884	15.483181	1	579.42987
91.4818	33.318888	0	15	7.7884442	15.48881	1	579.42987
91.5858	33.014288	0	15	7.8188822	15.491885	1	579.42987
91.6828	32.811152	0	15	7.8588886	15.483884	1	579.42987
91.7851	32.685284	0	16	7.8825134	15.488788	1	579.42987
91.8823	32.643826	0	16	7.9498878	15.513357	1	579.42987
91.9851	32.488782	0	15	7.8432487	15.488183	1	579.42987
92.0822	32.388375	0	15	7.8047888	15.47524	1	579.42987
92.1888	32.35463	0	15	7.8871288	15.483883	1	579.42987
92.2838	32.301888	0	15	7.8888848	15.488838	1	579.42987
92.3884	32.28188	0	15	8.038858	15.477487	1	579.42987
92.4828	32.178888	0	16	8.0042725	15.471888	1	579.42987
92.587	32.228823	0	15	8.103178	15.488288	1	579.42987

92.8832	32.184678	0	15	8.2079687	15.598235	1	578.42987
92.7888	32.183345	041	15	8.1436475	15.488096	1	579.42987
92.8843	32.182077	1015	15	8.1731633	15.495283	1	579.42987
92.9874	32.146132	1018	15	8.1622252	15.511477	1	579.42987
93.0837	32.103087	1019	15	8.1837011	15.507423	1	578.42987
93.1872	32.199827	1018	15	8.226885	15.52478	1	579.42987
93.2838	32.367885	1020	15	8.3377791	15.503882	1	579.42987
93.3873	32.489788	1020	15	8.314436	15.502688	1	579.42987
93.4845	32.669054	1020	15	8.3171358	15.488178	1	579.42987
93.5873	32.894440	1018	15	8.3128735	15.528094	1	579.42987
93.6833	33.002848	1020	15	8.2287407	15.502148	1	579.42987
93.7879	32.981058	1020	15	8.4444647	15.522271	1	579.42987
93.884	33.182545	1020	15	8.5128858	15.512941	1	579.42987
93.9877	33.385402	1019	15	8.6017971	15.500857	1	579.42987
94.0849	34.024855	1019	15	8.6107889	15.484098	1	579.42987
94.1883	34.131817	1019	15	8.7083047	15.480329	1	579.42987
94.2943	33.579228	1020	15	8.6381837	15.48027	1	579.42987
94.3881	34.188085	1019	15	8.6911384	15.511988	1	579.42987
94.4842	34.57148	895	15	8.7488842	15.513831	1	579.42987
94.5886	34.231972	0	15	8.7885038	15.521583	1	579.42987
94.688	42.482838	0	15	8.910758	15.528828	1	579.42987
94.7884	100	0	15	8.8328832	15.485381	1	579.42987
94.8945	37.844309	0	15	8.7822085	15.482588	1	579.42987
94.988	38.388708	0	15	8.8057348	15.480757	1	579.42987
95.0851	35.582344	0	15	8.6882218	15.485483	1	579.42987
95.1889	34.882028	0	15	8.7360078	15.488857	1	579.42987
95.2882	34.210287	0	15	8.8100777	15.481700	1	579.42987
95.3884	33.388272	0	15	8.8285488	15.488476	1	579.42987
95.4885	32.821312	0	15	8.9144287	15.482114	1	579.42987
95.5888	32.888711	0	15	8.9031887	15.480818	1	579.42987
95.6885	32.880105	0	15	8.9221487	15.488808	1	579.42987
95.7888	32.57578	0	15	9.0217878	15.518873	1	579.42987
95.8871	32.488801	0	15	8.8822813	15.48754	1	579.42987
95.9887	32.478787	0	15	8.813088	15.487183	1	579.42987
96.0889	32.382977	0	15	9.0851383	15.503453	1	579.42987
96.1903	32.282825	0	15	8.1484088	15.538334	1	579.42987
96.2885	32.233718	0	15	9.1444388	15.534188	1	579.42987
96.3888	32.213078	0	15	9.3188433	15.533957	1	579.42987
96.4888	32.271774	0	15	9.3248073	15.543858	1	579.42987
96.5804	32.28888	0	15	9.3118283	15.543878	1	579.42987
96.6884	32.232236	0	15	9.2804816	15.538036	1	579.42987
96.7882	32.183771	0	15	9.3464418	15.532888	1	579.42987
96.8883	32.205711	0	15	9.3272288	15.531714	1	579.42987
96.9808	32.244889	10	15	9.2888381	15.533884	1	579.42987
97.0879	32.24881	1013	15	9.3188281	15.528898	1	579.42987
97.1905	32.185188	1017	15	9.3282281	15.52847	1	579.42987
97.2887	32.228781	1019	15	9.2822458	15.528288	1	579.42987
97.3911	32.404731	1019	15	9.2888488	15.528797	1	579.42987
97.4872	32.483078	1018	15	9.2831458	15.540185	1	579.42987
97.5808	32.888885	1019	15	8.283028	15.547029	1	579.42987
97.6883	32.883881	1019	15	9.2872882	15.538888	1	579.42987
97.7914	32.88883	1018	15	9.3881888	15.525133	1	579.42987
97.8877	33.188883	1019	15	9.4728481	15.528728	1	579.42987
97.9913	33.057388	1020	15	9.3428878	15.504147	1	579.42987
98.0878	33.228518	1019	15	9.5731745	15.507818	1	579.42987
98.182	33.228215	1019	15	9.583783	15.527883	1	579.42987
98.2883	33.188841	1019	15	9.5118882	15.531288	1	579.42987
98.3918	33.488458	1019	15	9.5188778	15.518888	1	579.42987
98.4878	33.880882	1019	15	9.6888328	15.504343	1	579.42987
98.5884	34.037327	1019	15	9.5428448	15.512883	1	579.42987
98.6885	34.248204	1019	15	9.6488382	15.523825	1	579.42987
98.7923	34.882779	887	15	9.7828115	15.548833	1	579.42987

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88.8894	34.89388	0	15	8.807518	15.54429	1	579.42987
88.8928	43.188373	0	15	8.7110843	15.532018	1	579.42987
88.8989	41.772057	0	15	8.8078854	15.508833	1	579.42987
88.1928	38.720379	0	15	9.7899801	15.498388	1	579.42987
89.2888	38.478888	0	15	8.7894888	15.486415	1	579.42987
89.2828	38.880706	0	15	8.8281636	15.487448	1	579.42987
89.4001	34.844008	0	15	8.7946883	15.512915	1	579.42987
89.5828	34.288071	0	15	8.8388559	15.504387	1	579.42987
89.8887	33.152878	0	15	8.8888883	15.508338	1	579.42987
89.7832	32.828084	0	15	8.7834341	15.500305	1	579.42987
89.8883	32.834884	0	15	8.8287388	15.50871	1	579.42987
89.8828	32.873284	0	15	10.040848	15.484878	1	579.42987
100.0003	32.361181	0	15	10.08733	15.488887	1	579.42987
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100.3834	32.217888	0	15	10.248428	15.488833	1	579.42987
100.4884	32.18877	0	15	10.338887	15.5133	1	579.42987
100.5889	32.181324	0	15	10.288888	15.518883	1	579.42987
100.6813	32.151485	0	15	10.288844	15.48882	1	579.42987
100.7838	32.171211	0	15	10.188728	15.508888	1	579.42987
100.8888	32.14888	0	15	10.177088	15.514284	1	579.42987
100.8844	32.104744	0	15	10.388887	15.531442	1	579.42987
101.0888	32.14872	0	15	10.244187	15.508701	1	579.42987
101.1841	32.143211	0	15	10.24122	15.488887	1	579.42987
101.2918	32.148883	0	15	10.218798	15.487284	1	579.42987
101.3847	32.188184	343	15	10.28772	15.484884	1	579.42987
101.481	32.151188	1008	15	10.328412	15.488788	1	579.42987
101.5848	32.188188	1018	15	10.387883	15.478822	1	579.42987
101.6808	32.158848	1018	15	10.378248	15.508828	1	579.42987
101.7858	32.183884	1021	15	10.371312	15.51888	1	579.42987
101.8828	32.20718	1021	15	10.488818	15.528879	1	579.42987
101.885	32.378182	1021	15	10.58818	15.522788	1	579.42987
102.0812	32.484478	1021	15	10.880882	15.542888	1	579.42987
102.1887	32.48884	1021	15	10.708881	15.518888	1	579.42987
102.2817	32.481881	1021	15	10.718883	15.518887	1	579.42987
102.388	32.708184	1021	15	10.788488	15.488888	1	579.42987
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102.5885	32.818873	1021	15	10.82317	15.508887	1	579.42987
102.6817	32.881838	1020	15	10.702888	15.543738	1	579.42987
102.7883	32.888822	1021	15	10.87887	15.538881	1	579.42987
102.8818	32.828884	1021	15	10.882472	15.5444	1	579.42987
102.888	33.037117	1021	15	10.728875	15.548287	1	579.42987
103.0833	33.013874	1019	15	10.744307	15.533285	1	579.42987
103.1887	33.081888	832	15	10.848881	15.588883	1	579.42987
103.2818	33.018341	8	15	10.815164	15.58823	1	579.42987
103.3885	37.878783	1	15	10.832888	15.527847	1	579.42987
103.4828	38.791361	0	15	10.884828	15.828488	1	579.42987
103.5883	38.488388	0	15	10.844827	15.528888	1	579.42987
103.6838	34.488817	0	15	10.883771	15.84288	1	579.42987
103.7888	34.848842	0	15	10.881234	15.543882	1	579.42987
103.8828	33.732181	0	15	10.888883	15.834813	1	579.42987
103.9888	33.158882	0	15	11.048828	15.837184	1	579.42987
104.0828	32.838824	0	15	11.111105	15.828288	1	579.42987
104.1873	32.788483	0	15	11.248814	15.531387	1	579.42987
104.2848	32.883888	0	15	11.288888	16.514888	1	579.42987
104.3871	32.881281	0	15	11.181421	16.517281	1	579.42987
104.4832	32.427888	0	15	11.258888	15.533378	1	579.42987
104.5878	32.428188	0	15	11.178827	16.5117	1	579.42987
104.6838	32.417288	0	15	11.161788	15.5188	1	579.42987
104.7875	32.311888	0	15	11.224888	15.522818	1	579.42987
104.8847	32.348888	0	15	11.221488	15.528837	1	579.42987
104.8882	32.288788	0	15	11.254848	15.508827	1	579.42987

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105.0942	32.216618	B	15	11.343348	15.489183	1	579.42987
105.1979	32.187621	0	15	11.301014	15.816565	1	579.42987
105.2941	32.20401	0	15	11.345942	15.618385	1	579.42987
105.3981	32.194899	0	15	11.371816	15.507273	1	579.42987
105.4834	32.21442	0	15	11.305331	15.502118	1	579.42987
105.596	32.214233	0	15	11.32152	15.522330	1	579.42987
105.694	32.251247	0	15	11.338183	15.513368	1	579.42987
105.7984	32.308505	0	15	11.48168	15.510263	1	579.42987
105.8947	32.245799	0	15	11.424891	15.527692	1	579.42987
105.9982	32.345322	0	15	11.429007	15.538138	1	579.42987
106.0936	32.378989	0	15	11.415237	15.632761	1	579.42987
106.1988	32.340263	0	15	11.37425	15.528506	1	579.42987
106.2951	32.376316	0	15	11.373278	15.52472	1	579.42987
106.3987	32.441682	0	15	11.481487	15.632733	1	579.42987
106.4948	32.483987	0	15	11.580608	15.546211	1	579.42987
106.5994	32.515747	0	15	11.582388	15.546842	1	579.42987
106.6965	32.595554	0	15	11.52875	15.521892	1	579.42987
106.7982	32.599389	0	15	11.537499	15.518844	1	579.42987
106.8952	32.584473	0	15	11.564281	15.546109	1	579.42987
106.9988	32.622421	0	15	11.658833	15.534476	1	579.42987
107.0956	32.619388	0	15	11.761807	15.522171	1	579.42987
107.1986	32.638206	0	15	11.738524	15.619378	1	579.42987
107.2987	32.682189	0	15	11.76822	15.538183	1	579.42987
107.4002	32.645084	0	15	11.776085	15.540167	1	579.42987
107.4982	32.607789	0	15	11.831865	15.544487	1	579.42987
107.5	32.708918	0	15	11.860757	15.537491	1	579.42987
107.6961	32.741215	0	15	11.823707	15.548676	1	579.42987
107.8006	32.73498	0	15	11.857758	15.534328	1	579.42987
107.9879	32.682873	0	15	11.9817	15.538142	1	579.42987
108.0005	32.803409	0	15	12.012707	15.628089	1	579.42987
108.0986	32.888047	0	15	11.908833	15.528808	1	579.42987
108.201	32.688684	0	15	12.008851	15.528805	1	579.42987
108.2972	32.761458	0	15	11.888833	15.528882	1	579.42987
108.4003	32.687088	0	15	11.984818	15.521436	1	579.42987
108.4977	32.671384	427	15	12.082407	15.638837	1	579.42987
108.601	32.688782	1013	15	12.102234	15.52753	1	579.42987
108.697	32.557529	1018	15	12.12918	15.528882	1	579.42987
108.8008	32.488076	1020	15	12.108063	15.634219	1	579.42987
108.8988	32.603018	1021	15	12.158844	15.618813	1	579.42987
108.9013	32.613818	1020	15	12.172288	15.528348	1	579.42987
108.9989	32.581896	1018	15	12.238888	15.548882	1	579.42987
109.1012	32.688803	1019	15	12.283038	15.588818	1	579.42987
109.2974	32.671048	1018	15	12.218879	15.508888	1	579.42987
109.4018	32.544254	1018	15	12.388267	15.507881	1	579.42987
109.4979	32.481817	1018	15	12.413889	15.488843	1	579.42987
109.6017	32.39447	1018	15	12.441072	15.52283	1	579.42987
109.6988	32.601247	1018	15	12.470885	15.628278	1	579.42987
109.8021	32.288216	1018	15	12.444289	15.608238	1	579.42987
109.8984	32.227008	1018	15	12.4547	15.612308	1	579.42987
110.0021	32.205888	1018	15	12.473811	15.532888	1	579.42987
110.0983	32.158876	1018	15	12.540284	15.624618	1	579.42987
110.2026	32.167283	984	15	12.588882	15.488847	1	579.42987
110.3	32.114798	938	15	12.575888	15.473867	1	579.42987
110.4024	32.122021	864	15	12.588783	15.463481	1	579.42987
110.4986	32.086237	801	15	12.588818	15.47819	1	579.42987
110.603	32.112228	741	15	12.488129	15.488637	1	579.42987
110.6982	32.11132	703	15	12.538291	15.438238	1	579.42987
110.803	32.077129	682	15	12.581421	15.488118	1	579.42987
110.9	32.782753	627	15	12.812949	15.47084	1	579.42987
111.0034	32.088389	588	15	12.622623	15.488773	1	579.42987
111.0984	32.058883	584	15	12.588889	15.464881	1	579.42987
111.2032	31.88415	548	15	12.534217	15.508228	1	579.42987

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111.2885	32.004457	634	15	12.588338	15.008758	1	579.42987
111.4035	31.893738	504	15	12.589207	15.516337	1	579.42987
111.5005	54.786478	480	15	12.886048	15.480448	1	579.42987
111.6032	31.890951	459	15	12.748255	15.617157	1	579.42987
111.6983	31.87044	441	15	12.763265	15.518804	1	579.42987
111.8039	31.972488	425	15	12.700027	15.519813	1	579.42987
111.8989	37.846394	409	15	12.788428	15.474104	1	579.42987
112.0035	31.937748	387	15	12.788352	15.485119	1	579.42987
112.1008	31.950429	360	15	12.830464	15.488855	1	579.42987
112.2543	31.893678	340	15	12.788284	15.483742	1	579.42987
112.3004	31.92338	324	15	12.848549	15.473191	1	579.42987
112.404	31.827047	315	15	12.894335	15.483822	1	579.42987
112.5001	31.890988	308	15	12.887291	15.487788	1	579.42987
112.6044	100	297	15	12.925741	15.482491	1	579.42987
112.702	31.919016	283	15	12.98874	15.483825	1	579.42987
112.8045	73.828208	287	15	12.844208	15.478428	1	579.42987
112.8006	31.896245	261	15	12.947152	15.479938	1	579.42987
112.9049	56.488594	233	15	13.004678	15.470738	1	579.42987
113.1013	31.898788	209	15	13.057873	15.483708	1	579.42987
113.2048	59.088485	178	15	13.058885	15.488857	1	579.42987
113.3022	31.893881	139	15	13.084439	15.488871	1	579.42987
113.4083	38.811041	89	15	13.035887	15.485028	1	579.42987
113.5015	31.897512	31	15	13.054089	15.483748	1	579.42987
113.6088	58.870173	8	15	13.188201	15.481447	1	579.42987
113.7015	31.848891	2	15	13.130184	15.488844	1	579.42987
113.8058	53.188378	0	15	13.135874	15.482807	1	579.42987
113.9031	31.870879	0	15	13.116775	15.484884	1	579.42987
114.0066	100	0	15	13.288228	15.503224	1	579.42987
114.1018	31.894334	0	15	13.288284	15.485798	1	579.42987
114.2084	70.902824	0	15	13.358893	15.481843	1	579.42987
114.3028	31.874284	0	15	13.348255	15.484882	1	579.42987
114.4082	100	0	15	13.378481	15.478388	1	579.42987
114.5038	31.854827	0	15	13.382375	15.484612	1	579.42987
114.607	50.281889	0	15	13.488483	15.484822	1	579.42987
114.702	31.857241	0	15	13.431188	15.503213	1	579.42987
114.8087	44.870282	0	15	13.385591	15.482874	1	579.42987
114.9031	31.882324	0	15	13.412713	15.488848	1	579.42987
115.0072	31.88845	0	15	13.415984	15.485128	1	579.42987
115.1047	38.335883	0	15	13.421848	15.47824	1	579.42987
115.2071	85.418418	0	15	13.388481	15.447883	1	579.42987
115.3033	31.882338	0	15	13.378387	15.48887	1	579.42987
115.4078	58.430891	0	15	13.481158	15.444335	1	579.42987
115.5089	31.847857	0	15	13.814288	15.484138	1	579.42987
115.6074	100	0	15	13.878872	15.478284	1	579.42987
115.705	31.838113	0	15	13.794889	15.821278	1	579.42987
115.808	100	0	15	13.737448	15.471134	1	579.42987
116.9043	31.828773	0	15	13.797024	15.483823	1	579.42987
116.008	100	0	15	13.715883	15.487289	1	579.42987
116.1043	31.853165	0	15	13.788882	15.503574	1	579.42987
116.2085	100	0	15	13.758888	15.454848	1	579.42987
116.3059	31.824039	0	15	13.888815	15.480738	1	579.42987
116.4084	100	0	15	13.818313	15.472264	1	579.42987
116.5048	31.822188	0	15	13.812281	15.485887	1	579.42987
116.6088	100	0	15	13.83188	15.488378	1	579.42987
116.7081	31.822039	0	15	13.888252	15.48877	1	579.42987
116.8088	100	0	15	13.878167	15.488314	1	579.42987
116.9063	57.034851	0	15	13.888845	15.477183	1	579.42987
117.0082	100	0	15	13.87882	15.488188	1	579.42987
117.1082	100	0	15	13.82911	15.382181	1	579.42987
117.209	100	0	15	13.871798	15.384315	1	579.42987
117.3049	100	0	15	13.773851	15.338888	1	579.42987
117.4088	100	0	15	13.787888	15.227469	1	579.42987

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117.5063	100	0	16	13.788241	15.154872	1	579.42987
117.6089	100	0	16	13.811558	15.071378	1	579.42987
117.7054	100	0	15	13.876431	14.957886	1	579.42987
117.8094	100	0	15	13.811323	14.795884	1	579.42987
117.9056	100	0	15	13.958858	14.884828	1	579.42987
118.0083	100	0	15	13.888889	14.579851	1	579.42987
118.1081	100	0	15	14.06386	14.48258	1	579.42987
118.2088	100	0	15	14.081175	14.438887	1	579.42987
118.3059	100	0	15	14.208828	14.408828	1	579.42987
118.409	100	0	15	14.335024	14.368737	1	579.42987
118.5061	100	0	18	14.288218	14.323031	1	579.42987
118.6004	100	0	18	14.38443	14.298197	1	579.42987
118.7088	100	0	18	14.23082	14.288308	1	579.42987
118.8094	100	0	15	14.220882	14.288089	1	579.42987
118.9088	100	0	15	14.248773	14.228548	1	579.42987
118.0087	100	0	15	14.21288	14.228807	1	579.42987
118.1088	100	0	15	14.288887	14.21832	1	579.42987
118.2087	100	0	15	14.288884	14.208741	1	579.42987
118.3072	100	0	15	14.383434	14.188888	1	579.42987
118.4101	100	0	15	14.340278	14.184888	1	579.42987
118.5072	100	0	15	14.210814	14.152148	1	579.42987
118.6182	100	0	15	14.288001	14.143138	1	579.42987
118.7074	100	0	15	14.228818	14.123747	1	579.42987
118.8108	100	0	15	14.388818	14.138888	1	579.42987
118.908	100	0	15	14.310885	14.148887	1	579.42987
120.0108	100	0	15	14.828887	14.148834	1	579.42987
120.1079	100	0	15	14.882108	14.140238	1	579.42987
120.211	100	0	16	14.87282	14.125108	1	579.42987
120.3075	100	0	15	14.582789	14.138858	1	579.42987
120.4100	100	0	15	14.81303	14.128888	1	579.42987
120.5079	100	0	15	14.837883	14.112182	1	579.42987
120.6108	100	0	15	14.878807	14.087545	1	579.42987
120.708	100	0	15	14.384423	14.088245	1	579.42987
120.811	100	0	15	14.488818	14.108888	1	579.42987
120.9082	100	0	15	14.588882	14.087889	1	579.42987
121.0113	100	0	15	14.545723	14.077588	1	579.42987
121.1088	100	0	15	14.828428	14.088887	1	579.42987
130.2068	0	0	0	0	14.078879	0	0
130.3424	0	0	0	0	14.078879	0	0
130.3888	0	0	0	0	14.078879	0	0
130.4454	0	0	0	0	14.078879	0	0
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130.6458	0	0	-38.844887	14.888885	14.033388	0	164.87878
130.7432	0	0	-38.430794	14.858882	13.882332	0	164.87878
130.846	0	0	-34.878848	14.818881	13.718234	0	164.87878
130.9432	0	0	-38.838782	14.882328	13.538484	0	164.87878
131.0464	0	0	-38.288438	14.811438	13.488441	0	164.87878
131.1434	0	0	-34.887838	14.88743	13.318771	0	579.44883
131.2484	0	0	-34.884884	15.087113	13.287884	0	579.44883
131.3438	0	0	-37.848283	15.087018	13.228885	0	579.44883
131.4467	0	0	-37.388814	15.102885	13.211885	0	579.44883
131.5438	0	0	-38.38881	15.188888	13.182841	0	579.44883
131.6488	0	0	-34.74888	15.082182	13.188478	0	579.44883
131.7441	0	0	-38.027385	15.128183	13.328838	0	579.44883
131.8472	0	0	-38.187838	15.14881	13.277225	0	579.44883
131.9445	0	0	-37.232282	15.288802	13.237885	0	579.44883
132.0472	0	0	-35.18883	15.288139	13.23381	0	579.44883
132.1445	0	0	-35.188722	15.2881712	13.282818	0	579.44883
132.2478	0	0	-38.422127	15.188747	13.188284	0	579.44883
132.3442	0	0	-35.437826	15.288836	13.288442	0	579.44883
132.4471	0	0	-38.544814	15.22415	13.187387	0	579.44883
132.5468	0	0	-38.478184	15.281383	13.17824	0	579.44883

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132.8475	0	0	-38.285843	15.250665	13.174459	0	579.44853
132.7447	0	0	-38.321129	15.270979	13.282844	0	579.44853
132.8475	0	0	-34.066896	15.230639	13.218717	0	579.44853
132.8448	0	0	-36.837436	15.225749	13.199451	0	579.44853
133.048	0	0	-35.220795	15.223164	13.178429	0	579.44853
133.1454	0	0	-35.908432	15.18096	13.172502	0	579.44853
133.248	0	0	-42.331643	15.180138	13.185292	0	579.44853
133.3453	0	0	12.714342	15.236308	13.158061	0	579.44853
133.4404	0	0	14.902383	15.207901	13.148811	0	579.44853
133.5465	0	0	14.991357	15.137482	13.147058	0	579.44853
133.6484	0	0	14.989101	15.189577	13.051867	0	579.44853
133.7459	0	0	14.989804	15.086636	13.185732	0	579.44853
133.8488	0	0	14.989808	15.141474	13.193549	0	579.44853
133.9459	0	0	14.989998	15.122883	13.137805	0	579.44853
134.0489	0	0	15	15.130544	13.113848	0	579.44853
134.1461	0	0	15	15.208523	13.11934	0	579.44853
134.2482	0	0	15	15.195281	13.107486	0	579.44853
134.3465	0	0	15	15.219534	13.105839	0	579.44853
134.4493	0	0	15	15.204388	13.101893	0	579.44853
134.5488	0	0	15	15.198391	13.098853	0	579.44853
134.6497	0	0	15	15.184251	13.088154	0	579.44853
134.7468	0	0	15	15.192589	13.103368	0	579.44853
134.8487	0	0	15	15.228554	13.089828	0	579.44853
134.9471	0	0	15	16.216627	13.079279	0	579.44853
135.0501	0	0	15	15.205862	13.079082	0	579.44853
135.1472	0	0	15	15.235274	13.071428	0	579.44853
135.2501	0	0	15	15.248281	13.056484	0	579.44853
135.347	0	0	15	16.246648	13.052198	0	579.44853
135.4691	0	0	15	15.276388	13.048143	0	579.44853
135.5474	0	0	15	15.288821	13.041938	0	579.44853
135.6691	0	0	15	15.270835	13.104917	0	579.44853
135.7474	0	0	15	15.259338	13.187253	0	579.44853
135.8695	0	0	15	15.362967	13.128411	0	579.44853
135.9476	0	0	15	15.334285	13.075775	0	579.44853
136.0695	0	0	15	15.28379	13.048028	0	579.44853
136.1479	0	0	15	15.318582	13.031158	0	579.44853
136.2698	0	0	15	15.37842	13.034887	0	579.44853
136.348	0	0	15	15.370742	13.040308	0	579.44853
143.8894	0	0	0	0	13.036324	0	0
143.9898	0	0	-15.062853	15.341222	13.228408	0	243.80283
144.0689	0	0	-37.104797	15.295401	13.314952	0	181.88272
144.1872	0	0	-37.984828	15.229443	13.962631	0	181.88272
144.27	0	0	-38.287887	16.243613	13.208685	0	181.88272
144.3898	0	0	-38.901718	15.233789	13.117208	0	181.88272
144.4898	0	0	-38.486008	15.207835	13.037497	0	181.88272
144.587	0	0	-38.138119	15.178264	12.968037	0	579.35449
144.6898	0	0	-37.488203	15.219079	12.948814	0	579.35449
144.7872	0	0	-35.774881	15.188503	12.929388	0	579.35449
144.8703	0	0	-35.538438	15.164065	12.908203	0	579.35449
144.9874	0	0	-35.340894	15.15156	12.894789	0	579.35449
145.0704	0	0	-34.829321	15.162841	12.887147	0	579.35449
145.1878	0	0	-37.408889	15.134336	12.864032	0	579.35449
145.2707	0	0	-35.138279	15.198239	12.932826	0	579.35449
145.3681	0	0	-37.476784	15.133327	12.813823	0	579.35449
145.4707	0	0	-37.205874	15.125882	12.918754	0	579.35449
145.5881	0	0	-37.114858	15.151321	12.922784	0	579.35449
145.6712	0	0	-38.100583	15.180077	12.915364	0	579.35449
145.7883	0	0	-38.787828	15.177002	12.889548	0	579.35449
145.8712	0	0	-38.219383	15.196487	12.911124	0	579.35449
145.9886	0	0	-38.378654	15.184884	12.898322	0	579.35449
146.0718	0	0	-36.888434	15.218888	12.888883	0	579.35449
146.1657	0	0	-37.01403	15.178556	12.94883	0	579.35449

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146.2716	0	0	-37.985458	15.137025	12.916085	0	579.35449
146.3686	0	0	-37.490188	15.056865	12.918052	0	579.35449
146.472	0	0	-38.694283	15.029983	12.897085	0	579.35449
146.5694	0	0	-36.00029	15.036413	12.888142	0	579.35449
146.672	0	0	-7.6743286	15.048063	12.861626	0	579.35449
146.7694	0	0	12.861922	15.058332	12.867774	0	579.35449
146.8725	0	0	14.906678	15.068853	12.842478	0	579.35449
146.9696	0	0	14.89182	15.032941	12.862175	0	579.35449
147.0725	0	0	14.988215	14.980878	12.80484	0	579.35449
147.1699	0	0	14.986867	15.08913	12.852509	0	579.35449
147.2729	0	0	14.993886	14.962084	12.830099	0	579.35449
147.3695	0	0	14.990993	14.958141	12.825274	0	579.35449
147.4724	0	0	15	15.022137	12.851233	0	579.35449
147.5697	0	0	15	14.878126	12.858947	0	579.35449
147.6728	0	0	15	15.011887	12.831784	0	579.35449
147.7702	0	0	16	14.860072	12.828006	0	579.35449
147.8728	0	0	16	14.980267	12.82571	0	579.35449
147.9701	0	0	15	14.827442	12.828478	0	579.35449
148.0732	0	0	15	14.87022	12.814984	0	579.35449
148.1703	0	0	16	14.873985	12.821885	0	579.35449
148.2732	0	0	16	14.918919	12.822888	0	579.35449
148.3706	0	0	15	14.985488	12.828521	0	579.35449
148.4736	0	0	15	14.987724	12.820135	0	579.35449
148.5707	0	0	15	15.05264	12.817793	0	579.35449
148.6737	0	0	15	15.053205	12.811137	0	579.35449
148.771	0	0	15	15.030071	12.8163766	0	579.35449
148.874	0	0	15	15.051276	12.831503	0	579.35449
148.9715	0	0	15	15.01786	12.830679	0	579.35449
149.0741	0	0	15	15.055004	12.876614	0	579.35449
149.1713	0	0	15	14.988914	12.912436	0	579.35449
149.2745	0	0	15	15.042423	12.877102	0	579.35449
149.3716	0	0	15	15.038847	12.843773	0	579.35449
149.4746	0	0	15	15.01442	12.813449	0	579.35449
149.572	0	0	15	15.04298	12.80877	0	579.35449
149.6748	0	0	15	14.980508	12.788408	0	579.35449
149.772	0	0	15	14.948818	12.796372	0	579.35449
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149.9722	0	0	15	14.908802	12.788825	0	579.35449
150.0762	0	0	15	14.814833	12.788607	0	579.35449
150.1728	0	0	15	15.041881	12.7885	0	579.35449
150.2753	0	0	15	15.020909	12.788838	0	579.35449
150.3721	0	0	15	14.988243	12.780338	0	579.35449
150.4762	0	0	15	14.948827	12.77435	0	579.35449
150.5723	0	0	15	15.020847	12.787582	0	579.35449
150.6752	0	0	15	14.984008	12.780315	0	579.35449
150.7728	0	0	15	15.018827	12.748126	0	579.35449
150.8756	0	0	15	15.013484	11.898413	0	579.35449
150.9728	0	0	15	14.95782	11.898744	0	579.35449
151.0767	0	0	15	14.970402	11.882274	0	579.35449
151.173	0	0	15	14.900183	11.8842	0	579.35449
151.278	0	0	15	14.817656	11.888204	0	579.35449
151.3735	0	0	15	14.882802	11.882886	0	579.35449
151.4762	0	0	15	14.831318	11.888846	0	579.35449
151.5734	0	0	15	14.802318	11.478624	0	579.35449
151.6767	0	0	15	14.83889	11.80456	1	579.35449
151.7798	0	0	15	14.8481	11.804231	1	579.35449
151.8789	0	0	15	14.808404	11.828035	1	579.35449
151.9751	31.700001	0	15	14.846174	11.808051	1	579.35449
152.0782	31.700001	0	15	14.761184	11.880611	1	579.35449
152.1744	31.700001	0	15	14.788397	12.048305	1	579.35449
152.278	31.700001	0	15	14.852313	12.158891	1	579.35449
152.3743	31.700001	0	15	14.810338	12.388348	1	579.35449

152.4787	31.700001	0	15	14.882660	12.572432	1	579.35440
152.5781	31.700001	0	15	14.787421	12.709112	1	579.35440
152.8789	31.700001	0	15	14.878170	12.810825	1	579.35440
152.7747	31.700001	0	15	14.788520	12.868028	1	579.35440
152.8782	31.700001	0	15	14.788850	12.880184	1	579.35440
152.9783	31.700001	0	15	14.737954	12.918336	1	579.35440
153.0781	31.700001	0	15	14.781146	12.985387	1	579.35440
153.1783	31.700001	0	15	14.828883	12.988826	1	579.35440
153.2784	31.700001	0	15	14.888888	12.883502	1	579.35440
153.3781	31.700001	0	15	14.822881	12.888887	1	579.35440
153.4789	31.700001	0	15	14.812889	12.882814	1	579.35440
153.5781	31.700001	0	16	14.821011	12.872588	1	579.35440
153.6780	31.700001	0	15	14.758801	12.870096	1	579.35440
153.7788	31.700001	0	15	14.818778	12.867463	1	579.35440
153.8782	31.700001	0	15	14.848544	12.878171	1	579.35440
153.9784	31.700001	0	15	14.883053	12.878289	1	579.35440
154.08	31.700001	0	15	14.818133	13.002732	1	579.35440
154.1781	31.714814	0	15	14.884061	12.88738	1	579.35440
154.2788	31.708722	0	15	14.871138	12.970707	1	579.35440
154.3772	31.728288	1	15	14.803889	12.872840	1	579.35440
154.4809	31.748047	23	15	14.82821	13.004288	1	579.35440
154.5788	31.752777	36	15	14.882438	12.883251	1	579.35440
154.6801	31.784787	49	15	15.000388	12.888888	1	579.35440
154.7784	31.782889	81	15	14.889189	12.882288	1	579.35440
154.8807	31.782881	87	15	14.888488	12.888228	1	579.35440
154.878	31.783189	53	16	14.888788	12.888188	1	579.35440
155.0807	31.781513	10	15	14.888488	13.088888	1	579.35440
155.1787	31.807289	3	15	14.888177	13.08848	1	579.35440
155.2812	31.818218	0	15	14.888802	13.0188	1	579.35440
155.3774	31.813801	0	15	14.881888	12.888252	1	579.35440
155.481	31.821018	0	15	14.844270	12.884218	1	579.35440
155.5784	31.828744	0	15	14.787829	12.882847	1	579.35440
155.6818	31.837032	0	15	14.888818	12.815204	1	579.35440
155.7778	31.848284	0	15	14.884828	12.815482	1	579.35440
155.8818	31.852801	5	15	14.854718	12.82472	1	579.35440
155.9778	31.857273	41	15	14.847727	12.823818	1	579.35440
156.0821	31.844813	79	15	14.884887	12.841307	1	579.35440
156.1789	31.830436	101	15	14.882543	12.873273	1	579.35440
156.282	31.827983	117	15	14.888241	12.873588	1	579.35440
156.3775	31.828748	124	15	14.878188	12.848382	1	579.35440
156.4821	31.888833	131	15	14.882888	12.878205	1	579.35440
156.5781	31.817827	130	15	14.881488	12.888210	1	579.35440
156.6817	31.887745	84	15	14.887887	12.877122	1	579.35440
156.7782	31.828744	17	15	14.828882	12.888807	1	579.35440
156.8825	31.88934	4	15	14.888882	12.888881	1	579.35440
156.9786	31.848853	1	15	14.824128	12.888828	1	579.35440
157.0822	31.888888	0	15	15.001888	13.088818	1	579.35440
157.1784	31.871782	0	15	15.088744	12.887789	1	579.35440
157.2828	31.872436	8	15	15.088043	12.847820	1	579.35440
157.3802	31.881888	40	15	15.088888	12.888888	1	579.35440
157.4828	31.888888	75	15	15.018888	12.888887	1	579.35440
157.5788	31.888888	108	15	14.848888	12.888888	1	579.35440
157.6832	31.88448	141	15	15.028888	12.888884	1	579.35440
157.7788	31.874445	162	15	15.088888	12.8843	1	579.35440
157.8832	32.888888	181	15	15.088888	12.888888	1	579.35440
157.9803	33.888888	188	15	15.028482	12.884277	1	579.35440
158.0837	34.118881	190	15	14.871514	12.888887	1	579.35440
158.1788	34.888888	183	15	14.873888	12.848881	1	579.35440
158.2838	34.818818	183	15	15.014287	12.878888	1	579.35440
158.3788	34.878882	191	15	15.088887	13.088882	1	579.35440
158.4841	35.881328	187	15	15.077141	13.081888	1	579.35440
158.5814	36.023887	187	15	15.127381	13.054383	1	579.35440

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158.6830	35.068601	187	15	15.200728	13.068709	1	579.35449
158.78	35.030588	188	15	15.236983	13.068872	1	579.35449
158.8848	35.814079	189	15	15.203897	13.063811	1	579.35449
158.9808	35.734428	185	15	15.107748	13.095781	1	579.35449
159.0848	35.094448	173	15	15.072823	13.246383	1	579.35449
159.1818	34.85431	153	15	15.089483	13.281888	1	579.35449
159.2851	34.335388	120	15	15.10787	13.248857	1	579.35449
159.3807	34.628379	76	15	15.120393	13.221945	1	579.35449
159.4842	35.320812	21	15	15.273897	13.260887	1	579.35449
159.5804	37.871801	8	15	15.252607	13.182462	1	579.35449
159.6848	38.807048	1	15	15.203877	13.155785	1	579.35449
160.782	38.09412	0	18	15.388888	13.170428	1	579.35449
160.8846	36.061908	0	15	15.218828	13.178672	1	579.35448
160.9805	34.028875	0	15	15.208728	13.188212	1	579.35449
160.8864	33.282248	3	18	15.202151	13.137783	1	579.35449
160.1815	33.388525	2	15	15.225828	13.870988	1	579.35448
160.2852	33.780178	2	15	15.1743	13.008888	1	579.35449
160.3825	33.430843	2	15	15.145233	12.878325	1	579.35449
160.4868	32.881738	2	15	15.224848	12.863838	1	579.35449
160.5818	32.720828	10	18	15.281318	12.888815	1	579.35449
160.6855	32.538288	17	15	15.328882	12.844854	1	579.35449
160.7818	32.443882	20	15	15.328288	12.882154	1	579.35449
160.8888	32.283783	28	15	15.347748	12.848735	1	579.35449
160.8834	32.197079	21	15	15.340025	13.05722	1	579.35449
161.008	32.151281	20	15	15.388871	13.115738	1	579.35449
161.1821	32.117344	20	18	15.390288	13.078888	1	579.35449
161.2888	32.102737	21	15	15.400323	13.047414	1	579.35448
161.3827	32.071448	21	15	15.434774	13.804051	1	579.35449
161.4884	32.056228	21	15	15.438755	12.881822	1	579.35449
161.5858	32.040807	18	15	15.408828	12.878878	1	579.35449
161.6871	32.027058	11	15	15.378898	12.883103	1	579.35449
161.7831	31.888008	1	15	15.483032	12.881778	1	579.35449
161.887	31.880188	0	18	15.484878	12.873887	1	579.35449
161.883	31.885771	0	18	15.478878	12.878794	1	579.35449
162.0875	31.878158	8	15	15.482843	12.872485	1	579.35449
162.1847	31.870579	0	15	15.488871	12.884215	1	579.35449
162.2872	31.878301	0	15	15.472788	12.885714	1	579.35449
162.3831	31.871854	0	15	15.46771	12.883318	1	579.35448
162.4874	31.842448	0	18	15.488888	12.844734	1	579.35449
162.5838	31.848808	0	18	15.86461	12.818823	1	579.35449
162.6871	31.823871	0	15	15.517011	12.821287	1	579.35449
162.7844	31.848328	0	15	15.883888	12.822812	1	579.35449
162.8877	31.828825	0	15	15.810643	12.874214	1	579.35449
162.8838	31.883258	0	15	15.888883	12.848334	1	579.35448
163.0878	31.822328	0	18	15.883888	12.888288	1	579.35449
163.1838	31.828808	0	15	15.887888	12.878873	1	579.35449
163.2883	31.80722	0	18	15.871878	12.888824	1	579.35449
163.3854	31.887882	0	15	15.877848	12.824751	1	579.35449
163.488	31.888288	0	18	15.70818	12.812405	1	579.35449
163.5842	31.881082	0	18	15.785411	12.828478	1	579.35449
163.6887	31.882973	0	15	15.827717	12.834197	1	579.35448
163.7848	31.878858	0	15	15.823228	12.833347	1	579.35448
163.8884	31.883741	0	15	15.88874	12.848818	1	579.35449
163.8857	31.881878	0	15	15.788888	12.870034	1	579.35449
164.0882	31.888833	0	15	15.833873	12.870118	1	579.35449
164.1852	31.813473	0	15	15.807108	12.871817	1	579.35448
164.288	31.888147	0	15	15.783548	12.878321	1	579.35449
164.3831	31.884848	0	18	15.782835	12.888158	1	579.35448
164.4888	31.814851	5	15	15.824887	12.88856	1	579.35449
164.5888	31.814739	20	15	15.857802	12.878807	1	579.35449
164.6882	31.818877	41	15	15.888802	12.88881	1	579.35449
164.7855	31.810458	80	15	15.884878	12.88753	1	579.35448

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164.88	31.808790	58	15	15.948208	12.888383	1	579.35449
164.9601	31.81284	66	15	15.982957	13.1004	1	579.35449
165.0587	31.842185	89	15	16.054621	13.11931	1	579.35449
165.187	32.030243	89	15	16.123844	13.113723	1	579.35449
165.2904	32.228473	130	15	16.180194	13.08359	1	579.35449
165.306	32.817912	172	15	16.189594	13.077843	1	579.35449
165.4807	34.785823	194	15	16.185831	13.092837	1	579.35449
165.6038	34.187813	207	15	16.188039	13.88038	1	579.35449
165.6903	32.857203	216	15	16.213188	13.10816	1	579.35449
165.7875	31.298978	176	15	16.199803	13.125882	1	579.35449
165.8901	31.488548	85	15	16.124851	13.148578	1	579.35449
165.8962	33.38591	14	15	16.182824	13.103931	1	579.35449
166.0908	35.841248	3	15	16.110777	13.188274	1	579.35449
166.1688	36.828885	1	15	16.115715	13.194838	1	579.35449
166.2904	36.543888	0	15	16.113658	13.202375	1	579.35449
166.3877	34.102857	0	15	16.172278	13.202858	1	579.35449
166.481	32.810089	0	15	16.186045	13.188345	1	579.35449
166.5871	32.890413	0	16	16.218824	13.122838	1	579.35449
166.8908	32.80727	0	15	16.188322	13.078813	1	579.35449
166.7872	32.818565	0	15	16.204108	13.017385	1	579.35449
166.8915	32.488848	0	16	16.18862	12.871488	1	579.35449
166.8958	32.429389	0	16	16.183224	13.072144	1	579.35449
167.0914	32.228168	0	15	16.188898	13.053185	1	579.35449
167.1874	32.168871	0	16	16.227242	13.018228	1	579.35449
167.2818	32.166352	0	15	16.284841	12.878205	1	579.35449
167.388	32.141121	0	15	16.307011	12.884428	1	579.35449
167.4817	32.121884	0	15	16.298577	12.888031	1	579.35449
167.588	32.104404	0	16	16.358415	12.844091	1	579.35449
167.6924	32.098488	0	16	16.328848	12.832091	1	579.35449
167.7888	32.044308	0	15	16.382805	12.888073	1	579.35449
167.8921	32.050747	0	15	16.388255	12.882274	1	579.35449
167.9883	32.014175	0	16	16.414275	12.867186	1	579.35449
168.0829	32.018144	0	15	16.330318	12.840159	1	579.35449
168.1802	32.003882	0	16	16.228884	12.811187	1	579.35449
168.2826	31.981841	0	16	16.278382	12.818882	1	579.35449
168.3881	31.873828	0	16	16.428883	12.868785	1	579.35449
168.4836	31.888882	0	16	16.388828	12.843812	1	579.35449
168.5888	31.881833	0	16	16.384488	12.857833	1	579.35449
168.6836	31.883783	0	16	16.418187	12.87347	1	579.35449
168.7808	31.84848	0	15	16.447282	12.877289	1	579.35449
168.884	31.881418	0	16	16.403338	13.012829	1	579.35449
168.9802	31.883333	0	16	16.422048	13.082888	1	579.35449
169.0838	31.8473	0	16	16.451258	13.088871	1	579.35449
169.18	31.88982	0	16	16.581331	13.048418	1	579.35449
169.2844	31.848721	0	16	16.584822	13.010412	1	579.35449
169.3817	31.840023	0	15	16.688418	12.884844	1	579.35449
169.4844	31.888888	0	15	16.844121	12.883415	1	579.35449
169.5805	31.818821	0	15	16.888248	12.884481	1	579.35449
169.6848	31.833875	0	16	16.871224	13.008885	1	579.35449
169.7808	31.83888	0	16	16.825228	12.888841	1	579.35449
169.8847	31.827341	0	16	16.877579	13.008833	1	579.35449
169.882	31.82818	0	16	16.848881	13.00888	1	579.35449
170.0882	31.834812	0	16	16.813887	13.013585	1	579.35449
170.1816	31.843888	0	15	16.888882	12.888335	1	579.35449
170.2881	31.835726	0	15	16.717842	12.881888	1	579.35449
170.3812	31.828883	0	15	16.788242	12.881843	1	579.35449
170.4858	31.838818	0	16	16.728488	12.881281	1	579.35449
170.883	31.848827	0	16	16.887773	12.887138	1	579.35449
170.8888	31.838888	0	15	16.782781	12.877827	1	579.35449
170.7818	31.822581	0	15	16.778177	12.872843	1	579.35449
170.8881	31.828835	0	15	16.778172	13.037881	1	579.35449
170.9822	31.838458	0	15	16.788432	13.118888	1	579.35449

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171.0050	31.022482	0	15	16.881847	13.087201	1	579.35449
171.1032	31.933931	0	15	16.983795	13.049600	1	579.35449
171.2006	31.917725	0	15	17.817931	13.014818	1	579.35449
171.3022	31.821442	0	15	16.970541	13.014376	1	579.35449
171.4090	31.822982	0	15	16.883454	13.008088	1	579.35449
171.5021	31.829434	0	15	17.002606	12.981578	1	579.35449
171.6095	31.828109	0	15	17.024721	12.970305	1	579.35449
171.7037	31.81864	0	15	17.122525	12.872913	1	579.35449
171.8083	31.828267	0	15	17.047956	12.878573	1	579.35449
171.9025	31.828014	0	15	17.083659	12.853304	1	579.35449
172.0097	31.81884	0	15	17.157693	12.842823	1	579.35449
172.105	31.9061	0	10	17.197748	12.844717	1	579.35449
172.2068	31.810278	0	18	17.220844	12.85149	1	579.35449
172.3030	31.911189	0	15	17.245009	12.925982	1	579.35449
172.4073	31.869058	0	15	17.283715	12.8257	1	579.35449
172.5035	31.821856	0	15	17.285251	12.943254	1	579.35449
172.6071	31.892572	0	15	17.285314	12.947462	1	579.35449
172.7033	31.903887	0	15	17.229591	12.945904	1	579.35449
172.8076	31.885313	0	15	17.311789	13.054754	1	579.35449
172.9061	31.809873	0	15	17.280397	13.060732	1	579.35449
173.0076	31.815902	0	15	17.322104	13.068061	1	579.35449
173.1037	31.801218	0	15	17.288535	13.059844	1	579.35449
173.2083	31.829836	0	15	17.301383	13.01094	1	579.35449
173.3043	31.813838	0	15	17.261898	12.98794	1	579.35449
173.4061	31.818184	0	15	17.258717	12.980545	1	579.35449
173.5054	31.815445	0	15	17.313879	12.974027	1	579.35449
173.6085	31.810672	0	15	17.267147	12.982811	1	579.35449
173.7049	31.807659	0	15	17.147916	12.864023	1	579.35449
173.8085	31.815894	0	15	17.236158	12.977991	1	579.35449
173.9046	31.82132	0	15	17.242281	12.882758	1	579.35449
174.0091	31.828054	0	15	17.328747	12.981642	1	579.35449
174.1057	31.835807	0	15	17.408116	12.884879	1	579.35449
174.2083	31.82518	0	15	17.402153	12.883500	1	579.35449
174.3044	31.822018	0	15	17.418508	12.887378	1	579.35449
174.4089	31.831372	0	15	17.461874	13.010729	1	579.35449
174.5051	31.837372	0	15	17.47804	12.880729	1	579.35449
174.6089	31.83676	0	15	17.58783	12.886475	1	579.35449
174.706	31.843836	0	15	17.612483	13.000342	1	579.35449
174.8094	31.833897	0	15	17.682344	13.105488	1	579.35449
174.9055	31.84993	0	15	17.660826	13.068772	1	579.35449
175.0092	31.844901	0	15	17.694330	13.042531	1	579.35449
175.1064	31.836730	0	15	17.593718	13.008479	1	579.35449
175.2099	31.84626	0	15	17.540062	12.888363	1	579.35449
175.3071	31.835584	0	15	17.653912	12.878404	1	579.35449
175.4087	31.850172	0	15	17.640745	12.967385	1	579.35449
175.5057	31.82200	0	15	17.628672	12.940293	1	579.35449
175.6003	31.840892	0	15	17.618061	12.948910	1	579.35449
175.7062	31.826907	0	15	17.638158	12.961892	1	579.35449
175.8001	31.860329	0	15	17.641991	12.985187	1	579.35449
175.9073	31.828488	0	15	17.686488	12.955331	1	579.35449
176.1007	31.84478	0	15	17.597906	12.878819	1	579.35449
176.1066	31.825391	0	15	17.580467	12.870718	1	579.35449
176.3004	31.819882	0	15	17.610888	12.867074	1	579.35449
176.3096	31.830721	0	15	17.624480	12.988861	1	579.35449
176.3011	31.836902	0	15	17.586432	12.874985	1	579.35449
176.5084	31.832654	280	15	17.540257	13.003388	1	579.35449
176.7009	32.846457	1020	15	17.58758	12.997412	1	579.35449
176.767	34.219391	1021	15	17.60784	13.018023	1	579.35449
176.8016	32.264286	1021	15	17.658764	13.211894	1	579.35449
176.8078	29.83254	1021	15	17.664299	13.271029	1	579.35449
177.1013	29.203367	1021	15	17.870357	13.307825	1	579.35449
177.1882	28.433534	1021	15	17.713717	13.268286	1	579.35449

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177.3015	27.974683	4021	15	17.710907	13.264249	1	579.35449
177.3675	28.510063	1021	15	17.667204	13.256223	1	579.35449
177.5013	33.727869	831	15	17.714792	13.262268	1	579.35449
177.5673	37.424858	881	15	17.749033	13.222816	1	579.35449
177.7019	40.895703	791	15	17.784784	13.175144	1	579.35449
177.7984	45.130749	730	16	17.780174	13.200217	1	579.35449
177.9018	48.700695	852	15	17.86832	13.206799	1	579.35449
177.9877	48.584893	585	15	17.888972	13.200426	1	579.35449
178.1024	47.900033	645	16	17.848489	13.200789	1	579.35449
178.1985	48.118221	619	15	17.884788	13.222838	1	579.35449
178.302	48.84804	493	15	17.820034	13.232223	1	579.35449
178.3868	47.78614	481	15	17.863070	13.282845	1	579.35449
178.5028	47.083427	426	15	17.888642	13.298774	1	579.35449
178.5889	48.618871	394	15	17.858215	13.243794	1	579.35449
178.7026	45.216184	382	15	17.810668	13.223582	1	579.35449
178.7988	44.244884	329	15	17.86181	13.268804	1	579.35449
178.9032	42.7006	289	15	17.851365	13.401432	1	579.35449
179.0007	41.982863	270	15	17.811289	13.416712	1	579.35449
179.103	48.580395	235	13	17.958063	13.419456	1	579.35449
179.1891	40.840258	191	15	18.042475	13.408893	1	579.35449
179.3036	39.425804	158	15	18.067482	13.396337	1	579.35449
179.3888	39.148151	142	18	18.062971	13.403363	1	579.35449
179.5034	38.574891	122	15	18.04982	13.381386	1	579.35449
179.6009	38.65895	81	15	18.089442	13.395865	1	579.35449
179.704	38.048618	20	15	18.053382	13.394293	1	579.35449
179.8	37.488083	6	15	18.118837	13.407182	1	579.35449
179.9038	36.13179	1	18	18.178884	13.419388	1	579.35449
179.9998	35.842739	0	18	18.257186	13.488018	1	579.35449
180.1041	38.323071	0	18	18.210276	13.473944	1	579.35449
180.2018	35.848289	0	18	18.338836	13.461841	1	579.35449
180.3026	38.129865	0	15	18.385006	13.492808	1	579.35449
180.3888	39.888552	0	15	18.450476	13.511888	1	579.35449
180.5041	41.508014	0	15	18.484138	13.506884	1	579.35449
180.6003	40.440331	0	15	18.409785	13.49438	1	579.35449
180.704	37.338228	0	16	18.388875	13.440832	1	579.35449
180.8013	34.786122	0	16	18.463287	13.535442	1	579.35449
180.9045	33.48818	0	15	18.427284	13.801388	1	579.35449
181.0007	35.488745	0	15	18.404087	13.543047	1	579.35449
181.1044	33.538307	0	15	18.438028	13.413806	1	579.35449
181.2008	33.825122	0	15	18.458072	13.297833	1	579.35449
181.205	33.384417	0	15	18.4488	13.287378	1	579.35449
181.4026	32.724888	0	16	18.470788	13.144888	1	579.35449
181.5048	32.84513	0	15	18.481087	13.083667	1	579.35449
181.601	32.447018	0	15	18.488881	13.019802	1	579.35449
181.7058	32.281384	0	16	18.50214	13.021871	1	579.35449
181.8017	32.220062	0	18	18.62022	13.008101	1	579.35449
181.9052	32.171776	0	15	18.681382	12.981739	1	579.35449
182.0027	32.128918	0	15	18.637081	12.985406	1	579.35449
182.1089	32.088938	0	15	18.688913	12.97081	1	579.35449
182.202	32.087587	0	15	18.689453	12.95872	1	579.35449
182.3088	32.038504	0	15	18.617383	12.880341	1	579.35449
182.4018	32.027847	0	15	18.67981	12.882287	1	579.35449
182.5084	31.987385	0	15	18.683403	12.874528	1	579.35449
182.6038	31.987533	0	15	18.688894	12.863739	1	579.35449
182.7061	31.98318	0	15	18.728013	12.861483	1	579.35449
182.8024	31.9886	0	15	18.72327	13.1133	1	579.35449
182.9088	31.894188	0	15	18.818937	13.15741	1	579.35449
183.003	31.893805	0	15	18.888485	13.104882	1	579.35449
183.1087	31.883383	0	15	18.924829	13.080848	1	579.35449
183.2039	31.878111	0	15	18.87804	13.033079	1	579.35449
183.3068	31.888678	0	15	18.917118	13.004088	1	579.35449
183.4028	31.887751	0	15	18.920248	13.022318	1	579.35449

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183.5086	31.977123	0	15	18.963406	12.997382	1	579.35449
183.6626	31.873696	0	15	18.891272	13.008291	1	579.35449
183.7071	31.962089	0	15	18.890116	13.00053	1	579.35449
183.8045	31.958453	0	15	18.000873	12.888523	1	579.35449
183.9069	31.970625	0	15	18.008588	12.898222	1	579.35449
184.008	31.977407	0	15	18.992582	12.990087	1	579.35449
184.1075	31.988384	0	15	18.058513	12.995272	1	579.35449
184.2037	31.982381	0	15	18.008577	12.990255	1	579.35449
184.3073	31.987859	0	15	19.020027	12.948113	1	579.35449
184.4046	31.989625	0	16	19.064288	12.842896	1	579.35449
184.5079	31.988662	0	16	19.062552	12.841927	1	579.35449
184.604	31.948026	0	16	19.132801	12.895111	1	579.35449
184.7076	31.947788	0	15	19.278688	12.878085	1	579.35449
184.8039	31.953897	0	16	19.210503	13.117078	1	579.35449
184.9084	31.920031	0	15	19.210278	13.094419	1	579.35449
185.0096	31.929787	0	15	19.224952	13.087287	1	579.35449
185.1082	31.904228	0	16	19.288868	13.034804	1	579.35449
185.2043	31.883017	0	16	19.218817	13.032891	1	579.35449
185.3088	31.889031	0	15	19.308848	13.038844	1	579.35449
185.406	31.883382	0	15	19.328105	13.009879	1	579.35449
185.5085	31.888629	0	16	19.317041	12.888664	1	579.35449
185.608	31.888574	0	15	19.31118	13.002073	1	579.35449
185.7082	31.881138	0	15	19.397536	13.007407	1	579.35449
185.8054	31.883722	0	15	19.388459	13.001286	1	579.35449
185.909	31.883170	0	15	19.418291	13.006848	1	579.35449
186.0083	31.889889	0	16	19.464428	12.992488	1	579.35449
186.1086	31.898895	0	16	19.46251	13.008878	1	579.35449
186.2071	31.878889	0	15	19.548882	12.99887	1	579.35449
186.3089	31.901188	0	15	19.384431	12.991104	1	579.35449
186.4081	31.881472	0	15	19.688885	12.998243	1	579.35449
186.5085	31.882423	0	15	19.630089	13.017831	1	579.35449
186.6058	31.881438	0	16	19.473085	13.015317	1	579.35449
186.7086	31.888492	0	15	19.621864	13.011037	1	579.35449
186.8088	31.884783	0	15	19.518258	13.126883	1	579.35449
186.91	31.90472	0	16	19.681886	13.141438	1	579.35449
187.0082	31.911818	0	15	19.808844	13.006084	1	579.35449
187.1088	31.91838	0	15	19.688038	13.047809	1	579.35449
187.2089	31.914412	0	15	19.688054	13.043053	1	579.35449
187.3105	31.9128	0	16	19.618541	13.038038	1	579.35449
187.4078	31.909888	0	15	19.673813	13.018621	1	579.35449
187.5082	31.9088	0	15	19.882919	13.018854	1	579.35449
187.6084	31.912881	0	16	19.782304	12.88469	1	579.35449
187.7108	31.908787	0	16	19.747857	13.011013	1	579.35449
187.8071	31.888388	0	15	19.710908	13.003283	1	579.35449
187.9108	31.908108	0	16	19.738484	13.004885	1	579.35449
188.0079	31.908188	0	15	19.748884	13.008885	1	579.35449
188.1134	31.880782	0	16	19.717882	12.997881	1	579.35449
188.2073	31.888889	0	15	19.737883	13.008885	1	579.35449
188.3111	31.888787	0	15	19.73188	13.02728	1	579.35449
188.4073	31.884788	0	15	19.743456	13.00818	1	579.35449
188.5118	31.883886	0	15	19.778247	13.021428	1	579.35449
188.6081	31.888074	0	15	19.741249	12.988887	1	579.35449
188.7118	31.887188	0	16	19.778058	13.041087	1	579.35449
188.8078	31.888828	0	15	19.76881	13.138832	1	579.35449
188.9121	31.882103	0	15	19.732887	13.133544	1	579.35449
189.0083	31.878817	0	15	19.808873	13.098834	1	579.35449
189.1118	31.877247	0	15	19.788351	13.053288	1	579.35449
189.2083	31.888808	0	15	19.78888	13.038488	1	579.35449
189.312	31.877085	0	15	19.788523	13.028828	1	579.35449
189.4082	31.878886	0	15	19.828382	13.033777	1	579.35449
189.5118	31.872886	0	15	19.800885	13.028158	1	579.35449
189.6081	31.870584	0	15	19.868338	13.050531	1	579.35449

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189.7124	31.873297	0	15	19.932978	13.048809	1	579.35449
189.8088	31.882394	0	15	20.035971	13.047493	1	579.35449
189.8122	31.884954	0	15	20.089001	13.033376	1	579.35448
190.0005	31.886301	0	16	20.109034	13.025295	1	579.35449
190.1128	31.884553	0	15	20.128187	13.030376	1	579.35449
190.209	31.890445	0	15	20.120189	13.018414	1	579.35448
190.3127	31.898919	0	16	20.108712	12.999575	1	679.35448
190.4101	31.884887	0	15	20.183382	13.002214	1	579.35449
190.5132	31.885772	0	15	20.158289	13.022305	1	579.35449
190.6095	31.881154	0	16	20.168581	13.027580	1	579.35449
190.7131	31.882821	0	15	20.204185	13.000536	1	579.35449
190.8093	31.889358	0	15	20.207962	13.153087	1	679.35448
190.9137	31.890903	0	15	20.209272	13.129152	1	579.35448
191.0111	31.888725	0	15	20.227236	13.067581	1	579.35448
191.1135	31.881715	0	15	20.254895	13.054206	1	679.35448
191.2087	31.8438	0	15	20.288121	13.048032	1	579.35448
191.3142	31.833723	0	16	20.286312	13.044896	1	579.35448
191.4103	31.847549	0	16	20.318718	13.067151	1	579.35448
191.514	31.831221	0	16	20.243287	13.041283	1	579.35449
191.6113	31.84189	130	16	20.225843	13.058423	1	579.35449
191.7145	32.228819	1020	16	20.278400	13.098734	1	579.35449
191.8107	33.630888	1021	16	20.28688	13.060743	1	579.35449
191.9144	34.518889	1021	16	20.300718	13.110404	1	579.35449
192.0106	34.488511	1021	15	20.381348	13.148001	1	579.35448
192.115	35.173027	1021	15	20.3347	13.177813	1	579.35448
192.2122	36.301927	1021	15	20.330828	13.18572	1	579.35448
192.3143	37.588288	1021	15	20.388557	13.214748	1	579.35448
192.4104	40.320863	1021	15	20.348855	13.290445	1	579.35449
192.5149	41.09847	1021	16	20.289108	13.188188	1	579.35448
192.611	42.770604	1003	16	20.384589	13.236701	1	579.35448
192.7147	45.548798	914	16	20.389442	13.381182	1	579.35448
192.8122	48.288141	837	16	20.389891	13.490477	1	579.35448
192.9184	48.846887	788	15	20.380205	13.458665	1	579.35449
193.0115	48.827205	888	15	20.385744	13.44009	1	579.35449
193.1151	51.054195	827	15	20.387729	13.427387	1	579.35448
193.2113	54.488957	572	15	20.534431	13.404798	1	579.35449
193.3159	58.388184	618	16	20.382081	13.387851	1	679.35448
193.4131	58.881931	478	16	20.311153	13.3859	1	579.35448
193.5158	62.707237	437	15	20.389841	13.395527	1	579.35448
193.6117	64.303703	398	16	20.327351	13.37898	1	579.35448
193.7184	63.914471	359	16	20.386848	13.357537	1	579.35448
193.8124	63.297988	381	15	20.382207	13.375825	1	579.35448
193.9188	61.838877	300	15	20.412479	13.400258	1	579.35448
194.0133	58.426121	282	16	20.423819	13.388812	1	579.35448
194.1188	66.838121	268	16	20.448219	13.297716	1	579.35448
194.2127	55.838894	248	16	20.45719	13.285813	1	579.35448
194.3184	54.378331	238	16	20.488218	13.28811	1	579.35448
194.4127	53.545877	226	16	20.5245	13.334021	1	579.35448
194.5171	52.431282	218	15	20.541403	13.370074	1	579.35448
194.6144	51.483622	214	15	20.551355	13.348383	1	579.35448
194.7189	51.048677	187	15	20.690888	13.548996	1	579.35448
194.8129	50.28623	173	15	20.647846	13.58	1	579.35448
194.9175	48.728149	164	15	20.677028	13.679478	1	579.35448
195.0188	47.02005	157	15	20.670412	13.643948	1	579.35448
195.1173	45.440738	142	15	20.688383	13.488918	1	579.35448
195.2147	44.167287	129	15	20.68101	13.457405	1	579.35448
195.3175	42.18825	118	15	20.718398	13.403475	1	579.35448
195.4135	42.485744	98	16	20.788328	13.357704	1	679.35448
195.5172	43.348488	83	16	20.742833	13.292773	1	579.35448
195.6133	42.738854	77	15	20.783886	13.264482	1	579.35448
195.7178	41.775844	71	15	20.788288	13.221205	1	579.35448
195.8152	40.84873	64	16	20.801976	13.15729	1	579.35448

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185.8175	40.478166	40	15	20.848223	13.148841	1	579.35449
188.0137	41.830896	19	15	21.813778	13.121004	1	579.35449
196.1182	40.198654	4	15	20.802534	13.125654	1	579.35449
198.2144	39.325233	1	15	20.811405	13.074248	1	579.35449
198.3181	38.130222	0	16	20.808426	13.061236	1	579.35449
198.4132	38.452837	0	15	20.820923	13.037820	1	579.35449
198.5187	37.15833	0	15	20.783894	13.035538	1	579.35449
198.6148	36.262034	0	15	20.854025	13.072245	1	579.35449
198.7185	36.284482	0	15	20.818838	13.201004	1	579.35449
198.8145	34.885403	0	15	20.922882	13.19343	1	579.35449
198.919	34.183363	0	15	20.848081	13.149073	1	579.35449
197.0164	33.858429	0	15	20.894305	13.125498	1	579.35449
197.1188	33.089787	0	15	20.887872	13.078181	1	579.35449
197.2131	32.785048	0	15	20.894825	13.059113	1	579.35449
197.3194	32.992041	0	15	20.978015	13.054748	1	579.35449
197.4186	32.487751	0	15	21.08486	13.045474	1	579.35449
197.5184	32.368805	0	15	21.015535	13.042828	1	579.35449
197.6187	32.268848	0	15	20.960881	13.050778	1	579.35449
197.7188	32.178378	0	15	21.008114	13.049032	1	579.35449
197.818	32.188337	0	15	21.002073	13.055869	1	579.35449
197.9187	32.130189	0	15	21.053382	13.067708	1	579.35449
198.0158	32.117249	0	15	21.12702	13.058497	1	579.35449
198.1293	32.088839	0	15	21.174271	13.060231	1	579.35449
198.2178	32.080397	0	15	21.17354	13.203322	1	579.35449
198.3188	32.082365	0	15	21.237274	13.378648	1	579.35449
198.4157	32.088416	0	15	21.244894	13.516888	1	579.35449
198.5289	32.082288	0	15	21.288728	13.884886	1	579.35449
198.6188	32.004651	0	15	21.31214	13.812587	1	579.35449
198.7201	31.888814	0	15	21.187884	13.848288	1	579.35449
198.8173	31.870482	0	15	21.157536	14.065551	1	579.35449
198.9267	31.868733	0	15	21.202085	14.178603	1	579.35449
199.0188	31.882889	0	15	21.188219	14.283581	1	579.35449
199.1205	31.882677	0	15	21.273684	14.42211	1	579.35449
199.2185	31.848812	0	15	21.200315	14.823853	1	579.35449
199.3212	31.844943	1011	15	21.230781	14.885523	1	579.35449
199.4184	33.137828	1018	15	21.240535	14.716137	1	579.35449
199.5208	34.844447	1020	15	21.172853	14.820228	1	579.35449
199.617	34.733017	1020	15	21.218879	15.081888	1	579.35449
199.7218	36.582307	1020	15	21.201115	15.198365	1	579.35449
199.8178	38.889488	1020	15	21.18708	15.238883	1	579.35449
199.9213	37.844883	1020	15	21.17708	15.278887	1	579.35449
200.0188	38.44888	1020	15	21.128881	15.288889	1	579.35449
200.1218	41.578888	1014	15	21.228183	15.31273	1	579.35449
200.2181	41.588887	883	15	21.244836	15.337028	1	579.35449
200.3217	43.380184	741	15	21.338815	15.348888	1	579.35449
200.4178	45.451439	887	15	21.338453	15.355883	1	579.35449
200.5224	44.833885	577	15	21.368871	15.370881	1	579.35449
200.6187	47.301882	522	15	21.438888	15.347888	1	579.35449
200.7221	50.927825	477	15	21.820714	15.389186	1	579.35449
200.8184	55.778708	428	15	21.547813	15.382437	1	579.35449
200.9228	58.982828	388	15	21.807872	15.348887	1	579.35449
201.018	61.241234	382	15	21.842071	15.383584	1	579.35449
201.1228	60.805815	332	15	21.848888	15.348784	1	579.35449
201.2199	68.578879	301	15	21.823326	15.382588	1	579.35449
201.3228	68.221819	257	15	21.471357	15.328883	1	579.35449
201.4188	64.771188	237	15	21.531813	15.310488	1	579.35449
201.5225	53.812534	223	15	21.493401	15.318432	1	579.35449
201.6188	53.144884	208	15	21.47846	15.318153	1	579.35449
201.7231	52.234112	188	15	21.538385	15.328718	1	579.35449
201.8204	51.41583	188	15	21.611734	15.348773	1	579.35449
201.923	49.435328	158	15	21.83323	15.338881	1	579.35449
202.0182	47.848747	160	15	21.802407	15.357884	1	579.35449

202.1288	46.146695	133	15	21.520837	15.358528	1	579.35449
202.2197	44.668642	121	15	21.547241	15.368846	1	579.35449
202.3234	43.006744	110	15	21.588092	15.386342	1	579.35449
202.4207	42.457092	97	15	21.642903	15.370891	1	579.35449
202.524	45.073818	83	15	21.73222	15.364017	1	579.35449
202.6201	47.135068	71	15	21.734018	15.347894	1	579.35449
202.7239	47.208813	61	15	21.807831	15.33905	1	579.35449
202.8198	47.972226	38	15	21.801842	15.348808	1	579.35449
202.9344	48.229841	13	15	21.788958	16.343879	1	579.35449
203.0218	44.302833	4	15	21.720832	16.334929	1	579.35449
203.1282	43.1478	1	15	21.733318	15.327877	1	579.35449
203.2284	42.08041	0	15	21.783493	16.285598	1	579.35449
203.3248	39.160096	0	15	21.817854	16.298411	1	579.35449
203.4208	39.388718	0	15	21.808814	15.293048	1	579.35449
203.5247	38.785397	0	15	21.78818	15.282885	1	579.35449
203.6218	35.819786	6	15	21.848867	15.27825	1	579.35449
203.7232	35.282831	8	15	21.835805	15.288545	1	579.35449
203.8215	34.382528	0	15	21.888716	15.311673	1	579.35449
203.9251	33.808656	0	15	21.885735	15.345181	1	579.35449
204.0211	32.876312	6	15	21.870318	16.347486	1	579.35449
204.1288	32.768377	0	15	21.888677	15.331381	1	579.35449
204.223	32.473889	0	15	21.872189	15.328785	1	579.35449
204.3248	32.331881	0	15	21.886779	16.338358	1	579.35449
204.421	32.20134	0	15	21.81138	15.368825	1	579.35449
204.5256	32.173882	8	15	21.812185	15.333325	1	579.35449
204.6216	32.147886	0	15	21.888317	15.343868	1	579.35449
204.7263	32.107834	0	15	21.88841	16.351384	1	579.35449
204.8226	32.084883	0	15	21.888113	16.348852	1	579.35449
204.9238	32.048825	0	15	21.888198	15.338887	1	579.35449
205.0222	32.044875	8	15	21.888128	15.333882	1	579.35449
205.1289	32.008837	0	15	21.888831	16.348203	1	579.35449
205.222	31.888855	0	15	22.002308	16.353246	1	579.35449
205.3288	31.887887	0	15	22.018178	16.341722	1	579.35449
205.4238	31.874844	0	15	22.034172	16.338482	1	579.35449
205.5284	31.884333	0	15	22.082805	15.348888	1	579.35449
205.6223	31.848545	8	15	22.088802	15.347813	1	579.35449
205.7288	31.888882	0	15	22.858888	15.358887	1	579.35449
205.8228	31.833443	0	15	22.888421	15.354882	1	579.35449
205.9288	31.807888	8	15	22.84817	16.371882	1	579.35449
206.024	31.814415	0	15	22.888718	16.387173	1	579.35449
206.1274	31.812885	0	15	22.888881	15.388823	1	579.35449
206.2234	31.813015	0	15	22.188721	15.388432	1	579.35449
206.3271	31.804883	22	15	22.188835	15.371487	1	579.35449
206.4232	31.843806	1002	15	22.188885	15.383443	1	579.35449
206.5277	33.57874	1618	15	22.188884	16.384444	1	579.35449
206.625	34.887888	1018	15	22.128883	15.403848	1	579.35449
206.7275	34.884433	1028	15	22.128718	15.387518	1	579.35449
206.8238	35.017475	1618	15	22.128485	15.400047	1	579.35449
206.9281	35.108888	1618	15	22.128831	15.388874	1	579.35449
207.0242	38.98099	1028	15	22.188812	15.381835	1	579.35449
207.1281	38.841011	1828	15	22.178815	15.382543	1	579.35449
207.2252	41.884828	1001	15	22.158845	15.382289	1	579.35449
207.328	43.72702	883	15	22.148846	15.421218	1	579.35449
207.4241	45.088882	788	15	22.138301	16.420323	1	579.35449
207.5278	46.188884	881	15	22.182888	15.388885	1	579.35449
207.6238	45.238185	841	15	22.188338	15.388888	1	579.35449
207.7283	47.881303	587	15	22.188277	16.388132	1	579.35449
207.8288	51.128888	522	15	22.188887	16.388219	1	579.35449
207.9281	58.884724	476	15	22.181383	15.383482	1	579.35449
208.0244	58.888889	444	15	22.228783	15.388889	1	579.35449
208.128	60.718801	412	15	22.224887	15.383808	1	579.35449
208.225	60.798703	383	15	22.253857	15.385345	1	579.35449

208.2267	60.610084	348	15	22.267467	15.417094	1	579.35448
208.4262	60.865762	303	15	22.291196	15.400167	1	579.35449
208.5292	58.111548	274	10	22.278543	15.394001	1	579.35449
208.6326	54.882435	252	15	22.265588	15.389439	1	579.35449
208.7291	53.530224	246	15	22.310080	15.388622	1	579.35449
208.8232	52.779915	232	15	22.350284	15.38838	1	579.35448
208.9207	52.322887	203	15	22.327848	15.377731	1	579.35448
208.027	52.122784	186	16	22.349687	15.386348	1	579.35449
209.1295	51.188254	177	15	22.338131	15.388911	1	579.35449
209.2257	49.814384	169	16	22.289085	15.404715	1	579.35449
209.3302	46.46838	152	16	22.341614	15.383255	1	579.35449
209.4283	46.794453	144	16	22.370018	15.388697	1	579.35449
209.5298	45.547338	132	15	22.367418	15.400526	1	579.35449
209.6273	43.862289	122	16	22.442322	15.403385	1	579.35449
209.7308	41.864203	104	15	22.463069	15.387842	1	579.35449
209.8287	42.780672	78	15	22.485704	15.390018	1	579.35449
209.9001	44.141842	21	16	22.56404	15.38438	1	579.35449
210.0284	40.238722	6	15	22.593594	15.384153	1	579.35449
210.1309	47.629125	1	15	22.573688	15.377983	1	579.35449
210.2282	44.820886	0	15	22.611581	15.392083	1	579.35449
210.3302	43.808421	0	16	22.804855	15.367731	1	579.35448
210.4264	43.051888	0	16	22.628591	15.372787	1	579.35449
210.531	41.343088	0	16	22.6848	15.370725	1	579.35449
210.627	38.864814	0	16	22.802018	15.381968	1	579.35449
210.7306	36.238051	0	16	22.841178	15.372281	1	579.35449
210.828	37.148876	0	16	22.884824	15.372666	1	579.35449
210.9312	35.189089	0	15	22.711178	15.372138	1	579.35449
211.0273	35.348782	0	15	22.672022	15.392699	1	579.35449
211.1311	34.882875	0	15	22.827058	15.34175	1	579.35449
211.2272	33.823782	0	15	22.823388	15.392519	1	579.35449
211.3316	38.220329	0	15	22.658183	15.389351	1	579.35448
211.4289	32.765393	0	15	22.648759	15.388128	1	579.35448
211.5318	32.851088	0	15	22.677794	15.353014	1	579.35449
211.6273	32.830885	0	16	22.680907	15.382516	1	579.35449
211.7322	32.88633	0	15	22.858078	15.388221	1	579.35448
211.8284	32.833073	0	16	22.644693	15.380186	1	579.35449
211.9319	32.187511	0	15	22.719825	15.39116	1	579.35448
212.0282	32.180782	0	15	22.724113	15.378248	1	579.35449
212.1326	32.144772	0	15	22.790068	15.407211	1	579.35448
212.2286	32.117214	0	15	22.788782	15.408989	1	579.35448
212.3324	32.080134	0	15	22.835388	15.382306	1	579.35449
212.4285	32.07828	0	16	22.83908	15.388587	1	579.35448
212.5289	32.057647	0	15	22.822163	15.377848	1	579.35448
212.6302	32.837781	0	15	22.82583	15.387424	1	579.35449
212.7326	32.938098	0	16	22.888341	15.382849	1	579.35448
212.8289	32.823014	0	15	22.864587	15.404034	1	579.35448
212.9335	32.802247	888	15	22.908116	15.403634	1	579.35448
213.0285	33.840172	1012	15	22.881174	15.418538	1	579.35449
213.1333	34.748015	1018	15	22.882181	15.416826	1	579.35449
213.2305	34.884811	1019	16	22.88241	15.4035	1	579.35449
213.3333	36.370834	1020	15	22.843273	15.40353	1	579.35448
213.4294	38.818887	1080	16	22.888086	15.42038	1	579.35449
213.5331	39.830428	1019	15	22.934485	15.422853	1	579.35448
213.6283	41.140649	1019	15	22.822889	15.421459	1	579.35449
213.7337	42.338682	1008	15	22.897827	15.387442	1	579.35449
213.8311	42.684829	940	15	23.053314	15.380778	1	579.35449
213.9333	45.773338	812	15	23.057083	15.381041	1	579.35448
214.0288	46.812274	690	16	23.134005	15.406075	1	579.35448
214.1343	48.560358	642	15	23.185123	15.388471	1	579.35448
214.2304	50.79174	586	15	23.224644	15.398828	1	579.35448
214.334	58.527168	547	15	23.148075	15.408673	1	579.35449
214.4314	59.015312	503	15	23.221338	15.408882	1	579.35448

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214.5345	61.41367	455	15	23.262774	15.401352	1	579.35449
214.6307	61.290386	422	15	23.284786	15.399966	1	579.35449
214.7344	62.032566	398	15	23.309896	15.407525	1	579.35449
214.8307	61.520680	360	15	23.222564	15.426477	1	579.35449
214.9351	61.326449	321	15	23.249086	15.411132	1	579.35449
215.0326	60.661981	310	15	23.274506	15.446486	1	579.35449
215.1349	60.660672	304	15	23.778183	15.440629	1	579.35449
215.2309	58.606708	301	15	23.181596	15.483672	1	579.35449
215.3356	57.212494	273	15	23.239851	15.429787	1	579.35449
215.4316	55.134579	253	15	23.294632	15.430772	1	579.35449
215.5352	62.781485	242	15	23.283429	15.406597	1	579.35449
216.6326	62.476789	231	15	23.27586	15.411181	1	579.35449
215.736	62.013649	213	15	23.300965	15.399926	1	579.35449
215.832	51.574628	195	15	23.296314	15.393264	1	579.35449
215.9359	50.694798	191	15	23.233844	15.412107	1	579.35449
216.0316	48.61329	184	15	23.299829	15.421173	1	579.35449
216.1363	47.069066	173	15	23.357895	15.421385	1	579.35449
216.2330	48.621604	159	15	23.371296	15.415607	1	579.35449
216.3365	48.540512	130	15	23.389183	15.416089	1	579.35449
216.4317	48.402832	84	15	23.40886	15.408818	1	579.35449
216.5363	48.106614	22	15	23.387673	15.420661	1	579.35449
216.6323	48.5	7	15	23.413665	15.41072	1	579.35449
216.736	48.244583	2	15	23.427841	15.403979	1	579.35449
216.8334	48.500328	0	15	23.480821	15.398729	1	579.35449
216.9368	45.200135	0	15	23.461735	15.401144	1	579.35449
217.0328	44.586318	0	15	23.428841	15.378182	1	579.35449
217.1384	43.548362	0	15	23.400835	15.386219	1	579.35449
217.2326	42.348063	0	15	23.429199	15.38204	1	579.35449
217.3371	40.487698	0	15	23.488643	15.380483	1	579.35449
217.4344	38.462886	0	15	23.591329	15.372794	1	579.35449
217.5366	36.272472	0	15	23.593311	15.386378	1	579.35449
217.6329	36.592234	0	15	23.647542	15.377163	1	579.35449
217.7374	64.020665	0	15	23.670882	15.37413	1	579.35449
217.8336	34.20811	0	15	23.685045	15.379888	1	579.35449
217.9374	33.54848	0	15	23.678416	15.388441	1	579.35449
218.0346	32.748864	0	15	23.672801	15.383780	1	579.35449
218.1379	32.714329	0	15	23.684632	15.416117	1	579.35449
218.2389	32.478432	0	15	23.664024	15.420106	1	579.35449
218.3378	32.368865	0	15	23.66258	15.408374	1	579.35449
218.4338	32.1878	0	15	23.598222	15.382644	1	579.35449
218.5384	32.17888	0	15	23.633778	15.403368	1	579.35449
218.6356	32.148885	0	15	23.618748	15.423442	1	579.35449
218.7381	32.106888	0	15	23.630768	15.422879	1	579.35449
218.8342	32.117519	0	15	23.647881	15.412967	1	579.35449
218.9387	32.039091	0	15	23.659872	15.418189	1	579.35449
219.0348	32.042085	0	15	23.672261	15.436884	1	579.35449
219.1384	32.048983	0	15	23.71088	15.422589	1	579.35449
219.2359	32.096811	0	15	23.788488	15.425287	1	579.35449
219.3387	32.020405	0	15	23.788832	15.416072	1	579.35449
219.4349	31.888485	0	15	23.721142	15.436643	1	579.35449
219.5386	31.898848	0	15	23.727388	15.435873	1	579.35449
219.6346	31.958867	0	15	23.772535	15.445345	1	579.35449
219.7382	31.847542	0	15	23.78888	15.432324	1	579.35449
219.8365	31.864121	1001	15	23.814288	15.417789	1	579.35449
219.9388	32.463779	1014	15	23.838611	15.425336	1	579.35449
220.0382	33.48883	1016	15	23.830179	15.43518	1	579.35449
220.1387	34.244701	1019	15	23.838486	15.429189	1	579.35449
220.2358	35.048027	1019	15	23.885074	15.424438	1	579.35449
220.3384	36.713878	1020	15	23.891439	15.447522	1	579.35449
220.4367	37.2533	1019	15	23.880276	15.453153	1	579.35449
220.54	37.888906	1020	15	23.913919	15.438052	1	579.35449
220.6361	38.677242	1020	15	23.94881	15.446748	1	579.35449

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220.7399	41.26379	1020	18	23.95495	15.442657	1	579.35449
220.8359	42.336835	958	15	23.984615	15.427054	1	579.35449
220.9404	43.890279	865	15	24.00943	15.457198	1	579.35449
221.0378	44.889876	784	16	23.992229	15.458261	1	579.35449
221.1403	47.236323	740	15	23.991411	15.447264	1	579.35449
221.2384	48.182482	690	15	24.01465	15.48452	1	579.35449
221.3408	48.018188	644	15	24.074675	15.460423	1	579.35449
221.4371	51.421703	588	15	24.045378	15.437968	1	579.35449
221.5408	54.907136	531	15	24.099298	15.439234	1	579.35449
221.6381	58.997882	476	15	24.008743	15.447342	1	579.35449
221.7413	60.483365	431	15	24.020991	15.482851	1	579.35449
221.8373	60.736122	406	15	24.040298	15.447292	1	579.35449
221.9413	60.618389	377	15	24.091957	15.433163	1	579.35449
222.0372	60.248214	347	15	24.113663	15.437117	1	579.35449
222.1418	60.76318	310	15	24.11612	15.487823	1	579.35449
222.239	59.023888	294	15	24.129078	15.482968	1	579.35449
222.3422	58.06714	271	15	24.17909	15.437399	1	579.35449
222.4382	54.727985	253	15	24.191842	15.498288	1	579.35449
222.5427	58.228753	232	15	24.238025	15.474258	1	579.35449
222.6399	52.59418	211	15	24.314637	15.471169	1	579.35449
222.7425	52.200428	193	15	24.238223	15.448282	1	579.35449
222.8398	51.385946	186	15	24.227226	15.483466	1	579.35449
222.9431	50.30043	181	15	24.206202	15.472832	1	579.35449
223.0392	49.168335	186	15	24.178328	15.48854	1	579.35449
223.143	47.37882	134	15	24.161869	15.441853	1	579.35449
223.2381	45.896817	107	15	24.28849	15.43888	1	579.35449
223.3436	43.79929	96	15	24.289874	15.436725	1	579.35449
223.4408	46.826971	88	15	24.296779	15.439831	1	579.35449
223.5432	46.3465	77	15	24.290338	15.440182	1	579.35449
223.6388	46.132577	52	15	24.332382	15.431284	1	579.35449
223.7438	45.19184	14	15	24.23084	15.453016	1	579.35449
223.8401	47.820485	3	15	24.289254	15.439754	1	579.35449
223.9438	44.782458	1	15	24.303846	15.420581	1	579.35449
224.0411	43.007057	0	15	24.3271981	15.421282	1	579.35449
224.1442	40.368884	0	15	24.373082	15.408881	1	579.35449
224.2404	41.444382	0	15	24.327891	15.408782	1	579.35449
224.3441	38.823439	0	15	24.284403	15.408888	1	579.35449
224.4403	38.469884	0	15	24.348957	15.388379	1	579.35449
224.5448	37.408588	0	15	24.389017	15.381118	1	579.35449
224.6421	36.237125	0	15	24.383034	15.390577	1	579.35449
224.7446	35.448174	0	15	24.405578	15.38864	1	579.35449
224.8408	34.873358	0	15	24.532986	15.388478	1	579.35449
224.9451	34.133778	0	15	24.449159	15.393707	1	579.35449
225.0414	33.802731	0	15	24.488704	15.407371	1	579.35449
225.145	32.973042	0	15	24.571385	15.411888	1	579.35449
225.2434	32.082877	0	15	24.60774	15.388188	1	579.35449
225.3432	31.808462	0	15	24.628572	15.388138	1	579.35449
225.4412	32.570553	0	15	24.554825	15.410863	1	579.35449
225.5448	32.377422	0	15	24.58242	15.405085	1	579.35449
225.6411	32.289379	0	15	24.588801	15.406178	1	579.35449
225.7464	32.178241	0	15	24.583088	15.408583	1	579.35449
225.8429	32.137165	0	15	24.533884	15.434829	1	579.35449
225.9453	32.136246	0	15	24.584213	15.430316	1	579.35449
226.0415	32.103336	0	15	24.571527	15.414388	1	579.35449
226.1469	32.882631	0	15	24.611389	15.383535	1	579.35449
226.242	32.657184	0	15	24.633188	15.383282	1	579.35449
226.3457	32.08282	0	15	24.648178	15.387705	1	579.35449
226.443	32.013784	0	15	24.588548	15.381742	1	579.35449
226.5483	32.019711	0	15	24.588897	15.389902	1	579.35449
226.6428	31.887813	0	15	24.583796	15.383511	1	579.35449
226.7461	32.600431	0	15	24.644281	15.378718	1	579.35449
226.8424	31.887022	0	15	24.752563	15.385281	1	579.35449

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226.9408	31.837359	0	15	24.730251	15.413057	1	578.35449
227.044	31.868553	0	16	24.867273	15.422817	1	578.35449
227.1467	31.984373	0	15	24.849079	15.419376	1	578.35449
227.2427	31.849807	0	15	24.867071	15.417609	1	578.35449
227.3472	31.849878	0	15	24.888083	15.435458	1	578.35449
227.4433	31.988817	0	18	24.833876	15.418860	1	578.35449
227.5472	31.861443	0	16	24.820881	15.379120	1	578.35449
227.6444	31.982436	0	15	24.885742	15.381271	1	578.35449

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15.124784	14.608185	59.779873	93.898688	15.124784	9.8079254	1057.8788	-5
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13.577642	14.537258	59.779873	94.317880	13.577642	9.5654101	1105.2157	-6
7.0681857	13.895884	59.779873	93.068828	7.0681857	9.7989125	1212.8079	-8
4.5110825	14.874355	59.779873	93.808242	4.5110825	9.8246813	1261.3522	-6
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3.8536902	13.841239	59.779873	94.257301	3.8536902	9.7398719	1195.2395	-4
12.626346	13.682296	59.779873	93.785891	12.626346	9.5585243	1088.9091	-4
5.2682895	13.683345	59.779873	94.368264	5.2682895	9.9235751	1161.1704	-4
12.319990	13.682384	59.779873	93.857765	12.319990	9.6836076	1070.9899	-4
3.7142925	13.866787	59.779873	94.344887	3.7142925	9.7791758	1184.6341	-4
2.063133	13.568993	59.779873	93.828963	2.063133	9.6931839	1289.775	-4
0.38916842	13.490987	59.779873	93.96161	0.38916842	9.4790306	1234.1618	-4
6.7268803	13.661701	59.779873	93.9785	6.7268803	9.8133545	1158.8381	-4
0.47499897	13.361906	59.779873	93.074581	0.47499897	9.7278796	1216.8437	-4
0.74491405	13.399837	59.779873	93.892161	0.74491405	9.9173298	1239.5198	-4
6.3432932	13.574645	59.779873	93.530276	6.3432932	9.8247379	1144.778	-4
1.891065	13.39077	59.779873	93.739992	1.891065	9.5798234	1222.4999	-4
0.21380132	13.849555	59.779873	93.811477	0.21380132	9.7131033	1249.3754	-4
7.7189486	13.578901	59.779873	93.689446	7.7189486	9.8480671	1155.8021	-4
1.5898250	13.39867	59.779873	93.877248	1.5898250	9.921917	1217.829	-4
0.97300652	13.392057	59.779873	93.81994	0.97300652	9.8115818	1238.6435	-4
4.7280227	13.552092	59.779873	93.909996	4.7280227	9.6899994	1198.229	-4
0.98739434	13.446836	59.779873	93.644899	0.98739434	9.7336903	1227.0942	-5
1.0745362	13.403985	59.779873	93.670425	1.0745362	9.827029	1241.5164	-4
1.41992	13.482922	59.779873	93.697649	1.41992	9.9115192	1221.1066	-5
1.4109288	13.460009	59.779873	93.647967	1.4109288	9.7873954	1229.809	-4
1.9686327	13.462243	59.779873	93.629445	1.9686327	9.6732224	1218.7198	-4
2.3789345	13.44997	59.779873	93.680884	2.3789345	9.9272038	1234.7711	-4
2.7387153	13.337234	59.779873	93.50828	2.7387153	9.837825	1288.8298	-4
3.2239482	13.235993	59.779873	93.31057	3.2239482	9.390999	1294.8985	-4
3.4035873	13.291819	59.779873	93.009111	3.4035873	9.9528437	1329.3159	-4
3.682919	13.429895	59.779873	92.836414	3.682919	10.487791	1401.8072	-4

3.7114913	13.538488	59.779873	92.226891	3.7114913	11.096566	1433.7803	-4
3.610596	13.57387	59.779873	92.118148	3.610596	11.378944	1400.7089	-4
3.1301279	13.59166	59.779873	92.00639	3.1301279	11.551191	1406.8542	-4
9.36E-02	13.389998	59.779873	91.870078	9.36E-02	10.457479	1400.1681	-4
10.420807	13.378507	59.779873	92.869166	10.420807	9.7467756	1129.083	-4
0	13.16926	59.779873	93.018947	0	10.367466	1346.8299	-4
16.898311	14.166742	59.779873	93.731838	16.898311	9.2984258	1105.3795	-4
1.5360244	13.137018	59.779873	93.351067	1.5360244	9.7019629	1246.8685	-4
5.6367386	13.415342	59.779873	93.913841	5.6367386	8.7308998	1184.7432	-6
3.2068250	13.270690	59.779873	93.739532	3.2068250	9.6311121	1167.6768	-5
1.4622269	13.320259	59.779873	94.19818	1.4622269	9.7763652	1223.4911	-6
16.394475	13.701208	59.779873	94.12458	16.394475	9.0186398	981.87542	-5
0	13.184528	59.779873	93.883209	0	9.5624123	1289.5889	-5
15.90208	13.745488	59.779873	93.966276	15.90208	9.5862888	1029.3713	-5
0	13.136029	59.779873	93.630013	0	9.7841416	1264.5422	-5
12.916228	13.729854	59.779873	94.2883	12.916228	9.5180258	1098.8261	-4
0	13.202882	59.779873	93.749931	0	9.8308754	1253.8518	-4
7.8981144	13.67783	59.779873	94.052828	7.8981144	9.7728901	1197.6594	-4
0.82968085	13.184436	59.779873	93.762413	0.82968085	9.9222908	1231.2298	-4
4.110043	13.26982	59.779873	93.831474	4.110043	9.8005089	1187.798	-4
13.402936	13.381118	59.779873	93.88846	13.402936	9.6413193	1088.2498	-4
4.2586184	13.27733	59.779873	94.342508	4.2586184	9.5673234	1201.4417	-4
14.259434	13.457189	59.779873	93.571384	14.259434	9.6071882	1082.1398	-4
1.4037895	13.183379	59.779873	94.122177	1.4037895	9.6701221	1231.426	-4
16.030677	13.627268	59.779873	93.860896	16.030677	9.6106489	1028.9871	-4
2.0737944	13.155795	59.779873	93.92488	2.0737944	8.673685	1207.934	-4
7.6363837	13.317438	59.779873	93.681298	7.6363837	8.6744755	1135.7814	-4
3.7183372	13.226889	59.779873	93.571046	3.7183372	8.8181404	1183.8637	-4
1.2849128	13.268087	59.779873	93.89582	1.2849128	9.8897183	1223.8912	-4
4.2308957	13.283181	59.779873	93.88924	4.2308957	8.7785048	1177.7838	-4
3.0601312	13.214178	59.779873	93.488889	3.0601312	8.7185146	1177.6693	-4
3.8086236	13.193718	59.779873	93.724388	3.8086236	8.7313882	1187.3865	-4
3.2606541	13.18247	59.779873	93.518089	3.2606541	8.8404293	1178.4115	-4
4.1102872	13.158984	59.779873	93.528469	4.1102872	10.888789	1179.8181	-4
3.7188372	13.201748	59.779873	93.542343	3.7188372	8.914888	1198.5888	-4
2.2323361	13.183646	59.779873	93.618228	2.2323361	9.8262022	1208.8078	-4
6.3484896	13.232044	59.779873	93.784442	6.3484896	9.7993099	1128.874	-4
3.6889195	13.119043	59.779873	93.647811	3.6889195	9.7867308	1196.3143	-4
3.1382294	13.152847	59.779873	93.718234	3.1382294	9.8084205	1189.8095	-4
8.1170088	13.258878	59.779873	93.788991	8.1170088	9.8171884	1134.8446	-4
2.6420008	13.148803	59.779873	93.658887	2.6420008	9.868705	1211.406	-4
4.6807891	13.202886	59.779873	93.683826	4.6807891	9.8897148	1170.886	-4
4.889122	13.118821	59.779873	93.613888	4.889122	9.8273716	1180.8893	-4
7.8382873	13.089457	59.779873	93.808239	7.8382873	9.8898133	1184.5383	-4
2.8846288	12.998897	59.779873	93.494842	2.8846288	9.808688	1253.8901	-4
6.6721029	13.087357	59.779873	93.381747	6.6721029	9.883895	1184.5533	-4
4.7468387	13.021823	59.779873	93.488837	4.7468387	9.7753801	1188.3702	-4
3.4388238	13.108928	59.779873	93.632141	3.4388238	9.6725731	1201.4416	-4
8.4273834	13.278173	59.779873	93.684513	8.4273834	9.6878124	1127.311	-4
3.3421859	13.183888	59.779873	93.571587	3.3421859	9.6866471	1193.9824	-4
5.3898518	13.174482	59.779873	93.488491	5.3898518	9.8813894	1182.7806	-4
10.973806	13.207164	59.779873	93.543128	10.973806	8.7588302	1113.2851	-4
2.2802837	13.074778	59.779873	93.889348	2.2802837	9.8811889	1210.1854	-4
12.880326	13.361113	59.779873	93.713539	12.880326	9.5784833	1188.8289	-4
3.2432194	13.067817	59.779873	93.828571	3.2432194	9.8890148	1185.505	-4
4.3382379	13.147009	59.779873	93.664718	4.3382379	9.9288833	1182.489	-4
8.001488	13.188181	59.779873	93.718289	8.001488	8.7176688	1130.1136	-4
2.7257396	13.008388	59.779873	93.587586	2.7257396	9.8087899	1201.3456	-4
6.6798818	13.168029	59.779873	93.678433	6.6798818	9.8703423	1156.8901	-4
6.2856085	13.179289	59.779873	93.534172	6.2856085	9.8903895	1144.8013	-4
3.131588	13.123747	59.779873	93.582909	3.131588	9.8888787	1198.9449	-4
14.840858	13.401586	59.779873	93.881511	14.840858	9.5747833	1065.8883	-4

1.6500719	13.016802	59.779873	93.989067	1.6500719	9.5925990	1219.9088	-4
10.795022	13.257902	59.779873	93.931897	10.795022	9.7786512	1118.7346	-4
3.6253242	13.056575	59.779873	99.671823	3.6253242	9.8230516	1170.896	-4
3.7681152	12.960403	59.779873	98.765327	3.7681152	10.05525	1187.4804	-4
5.226681	13.013226	59.779873	93.645775	5.226681	9.8309172	1182.6049	-4
4.5044346	12.969136	59.779873	93.646843	4.5044346	9.8006184	1178.1017	-4
3.1554226	12.879388	59.779873	93.689733	3.1554226	9.8827156	1193.0327	-4
12.868135	13.216944	59.779873	93.607119	12.868135	9.4867787	1100.7559	-4
1.3857093	12.862063	59.779873	93.605102	1.3857093	9.7495289	1224.3898	-4
5.0832874	13.113828	59.779873	93.837364	5.0832874	9.729723	1182.4303	-4
6.8577857	13.110303	59.779873	93.603949	6.8577857	9.835133	1143.1194	-4
1.3292047	12.993212	59.779873	98.469048	1.3292047	9.8360449	1226.0898	-4
5.2052317	13.136027	59.779873	93.753901	5.2052317	9.7833489	1158.0901	-4
4.6301031	13.13292	59.779873	93.677742	4.6301031	9.7267405	1143.5541	-4
2.5244028	13.04983	59.779873	93.800888	2.5244028	9.7317505	1203.1784	-4
10.361004	13.201896	59.779873	93.600638	10.361004	9.8167706	1120.7412	-4
1.3202047	13.048068	59.779873	93.881603	1.3202047	9.7067097	1225.0898	-4
4.0401039	13.120182	59.779873	93.887279	4.0401039	9.8373444	1174.538	-4
3.8437168	13.028257	59.779873	93.681421	3.8437168	9.8000317	1168.8237	-4
1.830889	13.007809	59.779873	93.789862	1.830889	9.7828839	1213.1074	-4
4.5882885	13.048028	59.779873	93.558319	4.5882885	9.8081478	1174.872	-4
2.4358675	12.955183	59.779873	93.700417	2.4358675	9.8891058	1186.9338	-4
3.9296339	12.919654	59.779873	93.562678	3.9296339	9.8339825	1185.0214	-4
3.4100914	12.803009	59.779873	93.584383	3.4100914	9.8572674	1192.9377	-4
1.8594382	12.842998	59.779873	93.728433	1.8594382	9.8128885	1204.7224	-4
3.1688328	12.881198	59.779873	93.408788	3.1688328	9.8742813	1180.286	-4
2.4083833	12.894672	59.779873	93.35614	2.4083833	9.9514713	1199.1387	-4
3.1708905	12.848548	59.779873	93.422585	3.1708905	9.8148403	1212.3171	-4
3.4943731	12.780689	59.779873	93.34304	3.4943731	9.8752014	1268.889	-4
3.8890739	12.878818	59.779873	93.032582	3.8890739	9.8825883	1314.7518	-4
3.8847284	12.888288	59.779873	92.701591	3.8847284	10.019512	1331.8781	-4
3.8967788	12.80828	59.779873	92.487984	3.8967788	10.357834	1357.8347	-4
4.1793416	12.820074	59.779873	92.428919	4.1793416	10.587828	1376.8047	-4
4.0306083	12.800284	59.779873	92.318809	4.0306083	10.440339	1368.4711	-4
4.408808	12.967018	59.779873	92.583004	4.408808	10.875874	1421.1274	-4
0.48188803	12.800548	59.779873	92.048219	0.48188803	10.40183	1388.4876	-4
2.4398875	12.881429	59.779873	92.854515	2.4398875	9.7630615	1197.0394	-4
1.7833374	12.749906	59.779873	93.278889	1.7833374	9.7446327	1300.8029	-4
18.719058	13.388426	59.779873	93.443275	18.719058	9.3306607	1082.1801	-4
0.23602159	12.688404	59.779873	93.627045	0.23602159	9.5260585	1277.8831	-4
16.488438	13.263774	59.779873	93.89013	16.488438	9.3826332	1048.8832	-4
1.7458142	12.788918	59.779873	93.782320	1.7458142	9.8498577	1222.5361	-4
13.638881	13.067186	59.779873	93.658219	13.638881	9.8245885	1088.2999	-4
1.5784156	12.738831	59.779873	93.853988	1.5784156	9.8892737	1208.7028	-4
3.3680014	12.832214	59.779873	93.459602	3.3680014	9.8258318	1194.1725	-4
1.4503289	12.82481	59.779873	93.777252	1.4503289	9.4701872	1231.8282	-4
3.8082895	12.887984	59.779873	93.437285	3.8082895	9.8258880	1187.4804	-4
5.8051443	12.943305	59.779873	93.436127	5.8051443	9.8243885	1128.074	-4
0.88436728	12.797849	59.779873	93.834216	0.88436728	9.7248073	1223.8908	-3
2.8838848	12.838791	59.779873	93.485118	2.8838848	9.7102108	1201.6343	-3
2.8832591	12.853147	59.779873	93.378798	2.8832591	9.8188678	1187.796	-3
4.7788857	12.831516	59.779873	93.583006	4.7788857	9.7362386	1151.4548	-3
1.1878333	12.723294	59.779873	93.887714	1.1878333	9.7328216	1212.5171	-3
2.1087142	12.722877	59.779873	93.34449	2.1087142	9.8629456	1213.8023	-3
2.6882434	12.810838	59.779873	93.356351	2.6882434	9.7431679	1194.1725	-3
5.3971014	12.860724	59.779873	93.376882	5.3971014	9.8221873	1137.7427	-3
1.1832838	12.801773	59.779873	93.779015	1.1832838	9.8801834	1298.7423	-3
4.8274319	12.818893	59.779873	93.323887	4.8274319	9.8288088	1174.812	-3
1.2029753	12.740815	59.779873	93.649234	1.2029753	9.8287668	1227.496	-3
1.8033739	12.743481	59.779873	93.516071	1.8033739	9.8288885	1216.6437	-3
4.0488225	12.790007	59.779873	93.82738	4.0488225	9.8533783	1179.0598	-3
4.7349377	12.780966	59.779873	93.808882	4.7349377	9.7505131	1173.1581	-3

1.7883180	12.775779	59.779873	93.828751	1.7663188	9.8901577	1220.0081	-3
3.0961475	12.734788	59.779873	93.833713	3.0961475	9.6123571	1183.0828	-3
1.2518811	12.718888	59.779873	93.886644	1.2518811	9.6481852	1227.285	-3
2.538391	12.742319	59.779873	93.554848	2.538391	9.8824818	1206.952	-3
2.6077032	12.709874	59.779873	93.833872	2.6077032	9.8088134	1204.8287	-3
2.1858858	12.858897	59.779873	93.510788	2.1858858	9.9894353	1214.1816	-3
2.8388714	12.982188	59.779873	93.88798	2.5588714	9.6154823	1209.9791	-3
2.8487871	12.672248	59.779873	93.801884	2.8487871	9.8358827	1216.2631	-3
3.0488824	12.688825	59.779873	93.388173	3.0488824	9.8898888	1224.8032	-3
4.1871228	12.824883	59.779873	93.284137	4.1871228	9.8844288	1280	-3
4.1287381	12.488388	59.779873	93.888482	4.1287381	9.648841	1301.8797	-3
4.1271415	12.48777	59.779873	92.88814	4.1271415	9.8084828	1321.8954	-3
4.0948097	12.512841	59.779873	93.888438	4.0948097	9.8841383	1329.4357	-3
4.578888	12.888294	59.779873	92.817147	4.578888	10.303288	1384.1324	-3
3.8288818	12.888837	59.779873	92.887784	3.8288818	10.341838	1377.0311	-3
3.8181848	12.87888	59.779873	92.741888	3.8181848	10.438871	1383.5088	-3
3.8888177	12.788884	59.779873	92.848887	3.8888177	10.388288	1381.8788	-3
3.4743888	12.738448	59.779873	92.138848	3.4743888	10.784137	1388.7781	-3
9.82728781	12.734282	59.779873	92.287884	9.82728781	10.734873	1408.842	-3
8.21178788	12.538288	59.779873	92.888812	8.21178788	9.7328838	1249.5835	-3
7.784814	12.784888	59.779873	93.388884	7.784814	9.7144451	1232.1157	-3
2.8488482	12.844748	59.779873	93.122888	2.8488482	9.8888888	1241.1853	-3
3.8117888	12.843481	59.779873	93.888884	3.8117888	9.8128888	1288.4187	-3
15.884888	13.188873	59.779873	93.81788	15.884888	9.8288884	1888.5781	-3
0	12.844733	59.779873	93.778443	0	9.4888233	1287.188	-3
12.884788	13.888888	59.779873	93.888883	12.884788	9.8888882	1128.1281	-3
10.847385	12.788888	59.779873	93.818148	10.847385	9.7784328	1118.4887	-3
3.3888888	12.727728	59.779873	93.888888	3.3888888	9.8888881	1288.8878	-3
14.888881	13.888817	59.779873	94.827888	14.888881	9.5418821	1031.8487	-3
2.8887414	12.888884	59.779873	93.888888	2.8887414	9.7388884	1284.918	-3
10.311888	12.778888	59.779873	93.888883	10.311888	9.7888884	1188.4385	-3
3.8248827	12.888888	59.779873	93.728845	3.8248827	9.8888887	1188.877	-3
2.827888	12.888812	59.779873	93.888824	2.827888	9.7888882	1288.8888	-3
3.8888488	12.887787	59.779873	93.748888	3.8888488	9.8888888	1188.8883	-3
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41.461173	18.082233	59.779873	122.86221	41.461173	8.0882623	1911.0714	0
44.188148	18.810989	59.779873	121.18714	44.188148	8.8148816	2003.2051	0
45.308282	17.895024	59.779873	141.08708	45.308282	8.8948984	2139.885	0
45.412323	18.214603	59.779873	150.82725	45.412323	8.4818156	2227.5024	0
45.70246	18.809124	59.779873	181.81844	45.70246	8.427282	2318.1098	0
44.880877	19.112988	59.779873	172.00282	44.880877	8.2878242	2389.7834	0
45.468109	19.800639	59.779873	181.87255	45.468109	8.2481138	2415.8479	0
48.898285	18.889822	59.779873	188.89019	48.898285	8.1173287	2447.7808	0
46.888901	19.975021	59.779873	192.22236	46.888901	8.2488715	2478.4736	0
48.281886	20.890846	59.779873	198.3445	48.281886	8.1822463	2608.2686	0
47.887783	20.888963	59.779873	181.8382	47.887783	8.1801339	2645.8247	0
47.88632	21.378287	59.779873	188.89411	47.88632	8.1863237	2578.6489	0
48.227829	21.889889	59.779873	186.82416	48.227829	7.8679182	2573.782	0
48.903137	21.982944	59.779873	181.561	48.903137	8.0252258	2592.4646	0
49.248886	22.278889	59.779873	178.86788	49.248886	8.0688207	2613.2405	0
49.887148	22.888387	59.779873	177.18215	49.887148	7.7262893	2592.4846	0
50.48331	22.828825	59.779873	177.18288	50.48331	7.7202873	2578.4341	0
51.254842	22.853287	59.779873	179.87888	51.254842	7.7161053	2588.8006	0
52.188782	23.038455	59.779873	183.78891	52.188782	7.658822	2548.8806	0
53.248181	23.182886	59.779873	180.41836	53.248181	7.4618588	2526.103	0
54.308944	23.578724	59.779873	201.31781	54.308944	7.3589414	2488.8403	0
56.44804	23.987772	59.779873	212.3541	56.44804	7.3288862	2495.01	0
58.085784	24.521188	59.779873	223.81852	58.085784	7.6411722	2539.79	0
66.828513	24.72812	59.779873	230.87152	66.828513	7.967443	2566.3882	0
57.134874	24.787014	59.779873	234.42337	57.134874	7.8840392	2545.3828	0

57.348228	24.917412	59.779873	238.10334	57.348228	7.5880617	2581.9128	0
58.105286	24.988138	59.779873	234.13688	58.105286	8.1253998	2602.3594	0
59.725853	25	59.779873	230.11468	59.725853	8.1683639	2690.0629	0
60.180842	25	59.779873	221.93395	60.180842	8.1732521	2598.0642	0
60.73267	25	59.779873	213.49308	60.73267	8.0474415	2582.4640	0
60.836318	25	59.779873	204.01449	60.836318	8.0822441	2571.5754	0
61.179985	25	59.779873	198.94887	61.179985	7.9003639	2376.677	0
61.744286	25	59.779873	189.82339	61.744286	8.2897124	2803.2827	0
62.411514	25	59.779873	184.88987	62.411514	8.9084735	2801.0059	0
63.844815	25	59.779873	183.2783	63.231338	8.1863313	2578.782	0
63.227276	25	59.779873	183.35818	63.723663	8.1124887	2588.9729	0
0	11.188225	59.779873	187.00083	0	15.947883	2218.312	0
0	10.140384	59.779873	183.61043	0	12.835703	1834.343	0
0	9.8498547	59.779873	185.50090	0	10.431408	1390.8915	0
0	9.3843403	59.779873	174.86108	0	8.368412	1215.4807	-1
8.9151011	8.4312873	59.779873	182.40117	8.9151011	9.6518465	1051.0629	-1
9.3788158	9.2881781	59.779873	182.07686	9.3788158	8.6194388	1688.5011	-1
10.844653	9.1268272	59.779873	143.28314	10.844653	9.3788883	900.03389	-1
11.868888	9.0804879	59.779873	135.80713	11.368889	8.3757191	884.80214	-1
12.828088	9.0427322	59.779873	120.98588	12.828088	7.2884825	912.13139	0
12.837009	9.0408885	59.779873	124.81685	12.837009	7.1514306	888.36774	0
12.918087	8.8814176	59.779873	120.38185	12.918087	7.5288119	822.22571	0
12.981288	8.8188182	59.779873	117.33311	12.851288	7.3413711	817.93848	0
12.742057	8.8408885	59.779873	115.0071	12.742057	7.4022675	816.88254	0
13.515423	8.8810848	59.779873	113.23418	13.515423	6.8880428	873.31168	0
13.238932	8.9383278	59.779873	112.08888	13.238932	7.2301173	908.8878	0
13.985881	8.9688777	59.779873	111.33518	13.985881	6.9004858	888.44236	0
15.308984	9.0288128	59.779873	110.87683	15.308984	6.1842886	882.40491	0
18.067988	8.8821175	59.779873	110.88267	18.067988	5.7874737	848.89642	0
15.291886	8.9182884	59.779873	110.88788	15.291888	6.0388888	881.03731	0
15.088784	8.8188944	59.779873	110.38023	15.088784	6.7743473	881.18973	0
17.364048	9.188133	59.779873	110.14888	17.364048	5.4988889	838.82615	0
14.50188	8.8818233	59.779873	108.88781	14.50188	7.7188782	824.84119	0
13.888979	8.8840368	59.779873	107.8888	13.888979	6.4882017	905.25088	0
13.22212	8.5782003	59.779873	107.21058	13.22212	9.0588791	888.4527	0
12.974082	8.5388888	59.779873	108.88202	12.974082	9.0788108	888.84829	0
13.851881	8.7883885	59.779873	108.57278	13.851881	8.180737	948.24885	0
12.810841	8.8302875	59.779873	108.8147	12.810841	8.8227188	878.7533	0
11.871175	8.8582382	59.779873	107.24788	11.871175	9.3888145	1014.5417	0
10.88885	8.5384328	59.779873	107.43783	10.88885	9.4888808	1022.8435	0
10.888888	8.7740888	59.779873	107.88783	10.888888	9.488748	1011.9409	0
11.588888	8.7881842	59.779873	108.8488	11.588888	9.0174885	982.88758	0
17.488185	9.2884312	59.779873	105.88883	17.488185	7.8331479	951.35406	0
24.417831	11.121801	59.779873	106.22888	24.417831	7.4873785	1118.3248	0
30.230452	12.327349	59.779873	105.82325	30.230452	8.0888887	1385.1894	0
33.182322	13.887838	59.779873	104.82488	33.182322	8.0242844	1800.874	0
38.888484	14.188883	59.779873	108.78103	38.888484	7.4882294	1803.2494	0
37.720161	14.488388	59.779873	111.50328	38.871119	7.1438488	1675.229	0
41.821383	14.818818	59.779873	117.88588	41.021383	8.7873123	1780.4154	0
40.780429	14.981782	59.779873	126.88944	40.780429	8.1748382	1898.2635	0
41.338104	15.111818	59.779873	131.88341	41.338104	8.8212885	1973.7838	0
43.137272	15.791564	59.779873	137.20181	43.137272	8.4884751	2054.7947	0
44.314888	18.888443	59.779873	140.33382	44.314888	8.4388821	2148.3852	0
44.788888	17.18835	59.779873	142.48222	44.788888	8.2288824	2230.1401	0
45.504827	17.888384	59.779873	143.87248	45.504827	8.0782738	2288.2891	0
45.587219	18.382667	59.779873	148.40385	45.587219	8.1888845	2316.8023	0
48.888357	18.814483	59.779873	152.42883	48.888357	7.8888853	2328.4885	0
49.170484	18.888423	59.779873	188.81188	49.170484	7.5757904	2378.2888	0
51.081543	18.451103	59.779873	178.7818	51.081543	7.2088377	2263.128	0
52.188252	19.774563	59.779873	184.47584	52.188252	7.4200735	2282.063	0
51.788842	20.328355	59.779873	188.88628	51.788842	7.8331224	2332.8886	0
51.847084	20.848471	59.779873	208.73883	51.847084	7.8028218	2302.7261	0

51.823605	21.487821	59.779873	214.28894	51.823606	7.7267771	2480.2263	0
52.225361	21.925091	59.779873	216.8886	52.225361	7.936455	2487.9182	0
52.87368	22.498796	59.779873	213.0094	52.87368	7.9879654	2540.2202	0
53.727843	23.037316	59.779873	207.7384	53.727843	7.9183355	2553.1917	0
54.058754	23.499181	59.779873	200.49178	54.058754	7.9859073	2570.5356	0
54.765086	23.824616	59.779873	192.86487	54.765086	7.9383743	2606.8821	0
55.172405	24.278852	59.779873	187.17316	55.172405	8.187685	2635.7405	0
55.79491	24.306684	60.779873	185.26414	55.79491	7.8253303	2614.1511	0
56.389736	24.453207	59.779873	185.24844	56.389736	8.1153868	2593.2029	0
57.18499	24.317883	59.779873	182.48228	57.18499	7.9739285	2570.8941	0
58.577266	24.182278	59.779873	201.60788	58.577266	7.8471789	2528.2319	0
59.447748	24.168845	59.779873	216.7683	59.447748	7.5849152	2520.1814	0
59.782119	24.283344	59.779873	229.97067	59.782119	7.7043724	2534.8401	0
59.940153	24.340884	59.779873	238.37061	59.940153	7.8872034	2540.2202	0
60.691688	24.309881	59.779873	242.02881	60.691688	7.789677	2638.7832	0
61.380482	24.80044	59.779873	238.22918	61.380482	7.7443838	2576.8917	0
61.933189	24.610052	60.779873	233.4135	61.933189	8.0234833	2581.9128	0
62.586232	24.629143	60.779873	223.13036	62.586232	8.279823	2654.9312	0
63.017338	24.685615	60.779873	211.74886	63.017338	8.3133163	2490.187	0
0	10.22517	59.779873	201.79389	0	15.882782	2186.4485	0
0	8.8380689	60.779873	191.17871	0	12.75477	1853.4391	0
0	8.3408338	59.779873	174.2244	0	10.427261	1431.7675	0
0	7.9617357	59.779873	180.28885	0	9.1415443	1287.128	0
0	7.8891678	59.779873	148.18386	0	9.5880612	1134.8182	0
7.3288458	7.8128631	59.779873	138.41538	7.3288458	9.4130889	989.83785	0
8.8243538	7.6743888	59.779873	191.71176	8.8243538	7.7875889	927.8705	0
10.436078	7.5890687	59.779873	128.48187	10.436078	8.2482805	881.67286	0
8.8638004	7.5981705	59.779873	121.25217	8.5639064	7.1130133	900.08987	0
13.885102	7.5328977	59.779873	118.08544	13.885102	4.3888457	788.888	1
17.83464	7.8718311	59.779873	115.28009	17.83464	3.2481728	738.61806	1
14.488878	7.5447884	59.779873	112.60877	14.488878	4.8682205	805.18623	1
16.338972	8.3461872	59.779873	111.04761	16.338972	3.8588859	741.91315	1
19.882707	8.4883721	59.779873	108.58283	19.882707	3.7729325	729.2652	1
14.783161	7.7844286	59.779873	108.4682	14.783161	5.8143702	852.51488	1
20.816278	9.2878787	59.779873	108.01126	20.816278	4.0855882	737.02828	1
20.888421	8.8918003	59.779873	107.4792	20.888421	4.2358424	748.00090	1
20.888861	9.2791882	59.779873	107.88389	20.888861	4.8384308	796.86283	1
21.53558	9.4857371	60.779873	107.48324	21.53558	4.5107474	766.1488	1
18.745838	8.3142853	59.779873	108.62488	18.745838	5.2831302	828.96735	1
18.471224	6.7164388	59.779873	108.30684	18.471224	5.8948882	851.25700	1
20.488218	9.0807184	59.779873	108.89322	20.488218	4.9888676	810.24148	1
20.378414	6.7700054	59.779873	105.82838	20.378414	5.0874822	817.82888	1
18.977345	8.2825832	59.779873	105.88915	18.977345	7.8724673	842.82188	1
22.722784	9.5388886	59.779873	105.82561	22.722784	6.9897846	851.78878	1
25.825364	18.138678	59.779873	105.37056	25.825364	5.7181288	888.28294	1
28.810818	18.883948	60.779873	104.82844	28.810818	6.288212	1028.2728	1
30.884367	11.282909	59.779873	104.8223	30.884367	6.0283332	1147.052	1
33.890073	11.835881	59.779873	103.34134	33.890073	4.1888548	1184.8383	1
38.03482	12.087467	59.779873	107.02781	37.088828	2.3888308	1288.9283	1
37.570815	12.821575	59.779873	108.97887	37.807888	4.0888888	1481.9436	1
38.105431	13.842838	59.779873	112.10486	38.105431	8.8787365	1844.9171	1
38.918037	13.780289	60.779873	114.07848	41.114887	6.0804234	1883.5244	1
40.886357	13.888887	59.779873	116.56423	43.088884	6.4211258	1716.64	1
42.888481	14.180082	59.779873	119.388	43.737884	3.731885	1877.4772	1
43.720278	14.288816	59.779873	123.88382	47.880477	5.3188556	1705.9023	2
48.803186	14.887878	59.779873	131.27178	47.533887	6.237247	1803.4886	2
48.888487	15.388881	60.779873	138.8888	48.888487	5.8888381	1901.5884	2
48.888482	18.025828	59.779873	142.57285	48.888482	7.1422881	1826.0402	2
50.088041	16.242771	59.779873	144.18147	50.227432	7.882883	1828.8348	2
50.180445	18.23888	60.779873	144.33887	52.08382	6.7818854	1876.8771	2
50.848887	18.251838	60.779873	146.0732	52.888848	6.7483867	1905.7269	2
51.355888	18.848481	59.779873	149.17921	54.788198	6.8222968	1789.7886	2

52.482729	15.888057	59.779873	153.82391	57.467213	4.558074	1748.4189	2
54.562561	16.130188	59.779873	162.21862	59.309736	4.96985	1748.0461	2
56.511028	16.463405	59.779873	168.94542	60.600227	4.767048	1759.9436	2
58.732518	16.958636	59.779873	170.87078	61.61903	4.8257107	1761.8843	2
65.633868	18.880174	59.779873	189.05036	64.10112	5.0027785	1778.9374	2
54.839459	18.859621	59.779873	192.08070	64.498635	6.8760028	1825.0300	2
63.784267	18.502274	59.779873	189.28812	65.857338	5.4007671	1774.3078	2
52.81057	15.108632	59.779873	157.27848	66.882674	5.1439505	1785.3322	2
53.864992	15.698	59.779873	157.88006	69.242332	4.2823396	1712.1533	2
53.595658	15.870381	59.779873	157.57852	70.641116	4.4003263	1717.0331	2
58.040379	15.368531	59.779873	162.29618	73.671707	2.797709	1548.5961	2
58.249012	16.190767	59.779873	169.2149	74.784002	3.8644727	1688.7198	2
57.07505	16.864147	59.779873	173.00027	73.85780	5.3400286	1766.8984	2
57.71604	17.153825	59.779873	173.14485	75	6.8127532	1836.8852	2
60.477821	18.507582	59.779873	189.89008	72.871767	7.6192363	1985.1774	2
69.276798	19.362565	59.779873	165.30787	68.625	7.4381486	2110.5932	2
65.378639	19.159154	59.779873	164.36795	70.884038	7.8952238	2114.165	2
68.08804	18.411689	59.779873	189.73019	75	7.3481568	1982.3234	2
59.44082	18.057909	59.779873	170.86641	75	7.289862	1918.9329	2
58.100349	17.190489	59.779873	178.78985	76	5.4604624	1800.8042	2
62.36054	16.547288	59.779873	183.83301	75	6.7462502	1893.9396	2
63.817204	19.21032	59.779873	188.32178	65.616535	6.9831756	1940.7427	2
0	8.7188737	59.779873	188.47828	0	13.968255	1717.0328	2
0	7.891057	59.779873	178.38171	0	8.6033373	1387.989	2
0	7.6489791	59.779873	165.43732	0	9.1313886	1206.7876	2
0	7.8234332	59.779873	162.83825	0	9.5963678	1061.9489	2
8.213823	7.2888093	59.779873	143.12811	8.213823	7.8394229	922.84873	2
9.2493753	7.2708699	59.779873	134.1689	6.2493783	6.8832893	888.608	2
13.390393	7.2881858	59.779873	128.35804	13.390393	4.0706442	787.86785	2
16.517821	7.3235407	59.779873	123.48376	16.517821	2.8990893	723.83524	2
15.92274	7.3684749	59.779873	119.46021	15.92274	3.8937768	771.36882	2
22.026779	9.888422	59.779873	116.75674	22.026779	4.17978	648.94214	2
18.94104	7.5081082	59.779873	113.67679	18.94104	3.8782197	788.9104	2
24.000513	9.6781876	59.779873	112.88287	24.000513	4.4480058	633.08839	2
23.881365	8.488955	59.779873	111.11714	23.881365	4.4388009	628.88052	2
22.849883	8.8487124	59.779873	110.08876	22.849883	4.3388099	710.73212	2
28.52367	10.289498	59.779873	109.39804	28.52367	5.241323	583.23712	2
21.710142	9.6788157	59.779873	108.81789	21.710142	4.8639548	775.43427	2
28.038848	10.389044	59.779873	108.68796	28.038848	6.1103308	683.70868	2
23.890273	9.8900861	59.779873	107.37631	23.890273	4.7872234	765.0718	2
28.894381	10.482986	59.779873	107.2879	28.894381	5.1828277	684.62848	2
29.821082	10.3181	59.779873	107.08307	29.821082	5.1976738	678.30334	2
28.811852	10.234078	59.779873	106.83027	28.811852	5.306862	618.89812	2
30.085793	10.590489	59.779873	106.48053	30.085793	5.2488286	701.72182	2
28.183914	9.8215374	59.779873	106.80682	28.183914	5.1401587	794.74408	2
30.115891	10.865751	59.779873	105.98619	30.115891	5.2488284	728.04085	3
30.732134	10.47324	59.779873	105.8446	30.732134	5.3198478	723.78385	3
26.882382	10.118833	59.779873	105.52671	26.882382	5.3489343	640.46033	3
32.563873	10.841157	59.779873	105.7889	32.724995	5.6277853	707.11353	3
30.983557	10.478436	59.779873	105.96443	30.983557	5.2832978	758.18272	3
27.035725	10.267908	59.779873	105.41864	27.035725	5.6459085	687.55353	3
32.161376	10.840896	59.779873	106.89043	32.161376	5.4244833	739.71798	3
32.362782	10.812346	59.779873	105.07864	35.882203	5.1587059	783.26913	3
22.384579	10.813879	59.779873	106.18136	38.30061	5.0081415	848.84869	3
32.482288	10.888691	59.779873	106.49908	46.138282	6.4631297	735.33014	3
32.345855	10.790823	59.779873	105.01864	49.131714	5.3644781	796.98208	3
32.465936	10.828455	59.779873	106.42823	52.118473	5.4328405	740.92385	3
32.528708	10.844688	59.779873	105.81043	55.840179	5.5089098	686.02638	3
32.418283	10.798641	59.779873	105.29326	56.033333	5.2838531	781.33138	3
32.445778	10.848107	59.779873	105.31323	58.8285	5.5044238	671.71188	3
32.264838	10.803886	59.779873	104.80383	58.262872	5.3884356	749.92499	3
32.3144	10.828048	59.779873	104.81308	61.332286	5.4901705	695.63599	3

32.232201	10.812037	59.779873	104.6536	62.946804	5.477437	641.8859	3
32.19519	10.788991	59.779873	104.549	65.105688	5.2601357	783.16711	3
32.289154	10.804912	59.779873	104.86021	72.853083	5.4811182	866.24915	3
32.193504	10.778088	59.779873	104.28858	75	5.3188258	787.81582	3
32.158943	10.790043	59.779873	104.18828	75	5.4527917	728.79211	3
32.194245	10.785295	59.779873	104.20487	75	5.3711448	751.87978	3
32.160406	10.749829	59.779873	104.07104	75	5.0421882	844.88007	3
32.17892	10.754381	59.779873	104.35322	75	5.1148815	849.04055	3
32.173954	10.736055	59.779873	104.91764	75	4.8974738	883.34021	3
32.209541	10.719585	59.779873	104.21022	75	4.736886	912.6752	3
32.405884	10.721052	59.779873	104.78821	75	4.4675067	977.83589	3
33.057922	10.813274	59.779873	105.8068	75	4.1334448	1051.7458	3
32.803357	10.74787	59.779873	108.07308	75	4.2944888	876.6887	3
33.41777	10.809866	59.779873	105.86485	75	4.0479136	1036.4825	3
33.828742	11.036181	59.779873	107.33028	75	3.9713883	1088.8787	3
33.748295	11.127416	59.779873	108.03444	75	3.7989884	1088.8152	3
34.032913	11.265885	59.779873	108.30487	75	3.8824851	1101.4023	3
34.488204	11.383813	59.779873	110.84888	75	3.2876239	1137.4899	3
34.860885	11.601588	59.779873	111.39336	75	3.1378576	1167.8628	3
0.24720955	7.986513	59.779873	113.03829	0.24720955	8.5193577	1185.9814	3
16.428443	8.0358641	59.779873	116.14367	18.429443	6.4988889	908.57837	3
20.860202	8.9481888	59.779873	116.83978	20.860202	5.2791587	840.98573	3
21.385271	8.8523746	59.779873	113.83798	21.385271	6.1138405	827.58524	3
20.528206	8.8437721	59.779873	111.81879	20.528206	5.4626308	867.63486	3
19.637812	8.4790373	59.779873	110.48182	19.637812	6.2088873	801.48852	3
21.218389	8.9088882	59.779873	109.68213	21.218389	6.2362807	839.28782	3
21.526782	8.9862184	59.779873	109.98328	21.526782	5.1898029	832.17755	3
20.432348	8.8888433	59.779873	110.03823	20.432348	6.7298213	875.88358	3
20.830612	8.8348685	59.779873	108.8281	20.830612	6.2187819	915.13888	3
21.402121	8.9818888	59.779873	108.27327	21.402121	5.2889081	822.05892	3
21.41284	8.8885109	59.779873	108.88134	21.41284	6.1427389	830.84878	3
20.74888	8.7888373	59.779873	108.8822	20.74888	5.7588809	868.81815	3
23.539497	9.348238	59.779873	109.02821	23.539497	4.8888185	787.15148	3
22.604388	8.3188204	59.779873	108.84433	22.604388	5.6889805	817.70605	3
22.887817	9.1288154	59.779873	108.2888	22.887817	5.2718	850.34016	3
22.373828	8.3270845	59.779873	108.38175	22.373828	5.2872157	845.54889	3
23.887284	9.4148825	59.779873	108.21883	23.887284	5.0783488	829.46197	3
22.883411	8.2888884	59.779873	107.80443	22.883411	5.2882858	837.47424	3
22.884473	8.3841077	59.779873	107.85888	22.884473	5.6885353	863.88072	3
23.048424	8.4888811	59.779873	108.02285	23.048424	5.1888871	823.88475	3
23.883027	8.4182118	59.779873	107.85174	23.883027	5.1828322	827.88834	3
22.722418	8.3488876	59.779873	107.87881	22.722418	5.6218888	857.88382	3
25.18528	8.5828828	59.779873	107.54472	25.18528	5.1828828	808.88802	3
24.114718	8.4788873	59.779873	107.43448	24.114718	5.2725363	838.88388	3
23.814888	8.4187848	59.779873	107.82281	23.814888	5.3881857	868.87887	3
24.884028	9.614888	59.779873	107.48582	24.884028	5.2448822	864.00549	3
23.818879	8.4738541	59.779873	107.38789	23.818879	5.4173887	888.11178	3
24.888887	8.8820887	59.779873	107.38805	24.888887	5.2418813	831.88943	4
23.885886	8.511831	59.779873	107.28035	23.885886	5.7178855	889.01888	4
24.88888	8.5741748	59.779873	107.1818	24.88888	5.2888853	838.88185	4
26.057703	8.8864348	59.779873	107.43195	26.057703	5.1854844	810.32882	3
23.832329	8.4084388	59.779873	107.28873	23.832329	5.8878838	881.21252	3
25.138754	8.5778805	59.779873	107.22448	25.138754	5.317185	843.48483	3
26.821843	9.7847287	59.779873	107.45745	26.821843	6.2473164	829.04883	3
24.914337	8.6872583	59.779873	107.27833	24.914337	5.4113817	858.17273	3
23.928896	8.5412445	59.779873	107.41228	23.928896	5.7888888	910.74888	4
24.873877	8.5888881	59.779873	107.18889	24.873877	5.5288888	878.11713	4
25.871888	8.8828728	59.779873	107.45255	25.871888	5.2473845	820.88182	4
24.518852	8.4888882	59.779873	107.51842	24.518852	5.8132888	888.7288	4
24.77374	8.5611884	59.779873	107.43429	24.77374	5.5124188	874.88459	4
24.578822	8.531282	59.779873	107.65882	24.578822	5.5717882	882.88448	4
25.333521	8.5778881	59.779873	107.7014	25.333521	5.3488149	848.88342	4

22.902872	9.3467751	58.779873	107.70003	22.902872	8.119525	947.508	4
23.003652	8.3437500	58.779873	107.31478	25.003652	5.2957844	877.88307	4
24.488572	8.488888	58.779873	107.82358	24.488572	6.522831	877.24428	4
24.281017	9.4180786	58.779873	107.92048	24.281017	5.5785942	885.11237	4
22.843397	8.3236275	58.779873	108.01151	22.843397	8.0419387	948.23281	4
24.480724	8.4148188	58.779873	107.90022	24.480724	5.4442818	898.00812	4
24.172712	8.4000887	58.779873	108.03867	24.172712	5.5298787	878.5802	4
23.632811	8.3131852	58.779873	108.11291	23.632811	5.6820424	882.08087	4
32.982483	18.488805	58.779873	108.18214	65.388317	4.3488538	943.21825	4
33.078721	18.580388	58.779873	108.04243	75	4.0848838	984.25185	4
33.587845	18.808018	58.779873	107.82148	75	3.8333408	1870.2054	4
33.88885	18.846838	58.779873	108.61746	75	3.7683438	1089.8787	4
33.881839	18.808185	58.779873	108.88893	75	3.7554116	1871.8645	4
34.138783	11.073746	58.779873	110.75317	75	3.8507284	1092.1881	4
34.835589	11.188588	58.779873	111.23182	75	3.8885328	1118.2346	4
34.888888	11.218888	58.779873	112.33327	75	3.8888818	1125.2814	4
35.128732	11.281328	58.779873	112.13808	75	3.1112767	1168.8548	4
35.50412	11.368888	58.779873	114.73772	75	2.5822548	1184.48	4
35.883448	11.888831	58.779873	115.58828	75	2.2688548	1212.2182	4
36.888888	11.887884	58.779873	116.83384	75	2.3023877	1248.5828	4
37.872325	11.847482	58.779873	117.3312	75	2.28282	1282.3875	4
38.712087	12.088874	58.779873	118.33344	75	1.9804188	1317.8881	4
38.848202	12.328387	58.779873	120.70807	50.574417	2.9288844	1385.374	4
0	7.3187887	58.779873	123.10421	0	9.3258874	1184.958	4
8.2287032	8.8128287	58.779873	124.88884	8.2287032	7.0818291	904.3772	4
13.888825	8.848885	58.779873	122.72302	13.888825	2.8535289	734.53882	4
18.788887	7.888747	58.779873	118.54814	18.788887	3.2801889	881.15472	4
22.314888	8.184818	58.779873	118.28427	22.314888	4.1848138	881.58877	4
21.888871	8.8823477	58.779873	113.34534	21.888871	3.8438188	823.38889	4
18.248822	7.8888132	58.779873	111.38888	18.248822	3.4318881	882.88881	4
26.787372	8.8888879	58.779873	110.58888	25.757372	4.8707842	583.28888	4
24.888835	8.404882	58.779873	109.37008	24.888835	4.4848706	628.81719	4
25.348118	9.8781888	58.779873	108.73503	25.348118	4.5225877	847.8884	4
27.888882	9.7280128	58.779873	108.88877	27.888882	4.7881387	820.87843	4
28.534824	10.027887	58.779873	107.80287	28.534824	4.7254888	882.81885	4
28.174841	10.874338	58.779873	108.78478	28.174841	5.0500488	828.03882	4
27.072883	8.807835	58.779873	108.53831	27.072883	4.7744888	880.8877	4
29.183479	10.198877	58.779873	105.88884	29.183479	5.0438833	872.78885	4
28.088819	8.8888871	58.779873	105.43883	28.088819	4.8888388	888.88888	4
30.437881	10.21248	58.779873	105.21187	30.437881	5.1873164	877.78229	4
28.845842	10.132834	58.779873	105.02448	28.845842	5.0270748	718.28878	4
28.445824	10.118883	58.779873	104.88488	28.445824	8.028034	748.97473	4
32.388128	10.484882	58.779873	104.83325	32.388128	5.3888431	874.87278	4
32.224821	10.411074	58.779873	104.8088	33.388821	5.3882788	711.84248	4
32.188785	10.487171	58.779873	104.4344	75	5.3884436	717.32881	4
32.177882	10.488181	58.779873	104.31882	75	5.2822884	732.25877	4
32.188733	10.478428	58.779873	104.18815	75	5.2044873	772.88884	4
32.170878	10.488578	58.779873	104.27222	75	5.2843818	738.73488	4
32.132578	10.481387	58.779873	103.88731	75	5.2284884	788.04818	4
32.143836	10.458178	58.779873	104.02782	75	5.1174488	797.10813	4
32.175518	10.458533	58.779873	104.33889	75	5.1288557	794.11304	4
32.188885	10.452284	58.779873	104.28478	75	5.1888832	812.2187	4
32.185388	10.452831	58.779873	104.47812	75	5.0478888	815.88251	4
32.188718	10.443488	58.779873	104.81258	75	4.8887888	858.84702	4
32.188788	10.437282	58.779873	104.88813	75	4.8701132	884.55284	5
32.332417	10.440819	58.779873	104.88888	75	4.8574831	810.81278	5
32.408848	10.450064	58.779873	105.23877	75	4.853788	885.88721	5
32.438831	10.444515	58.779873	105.38888	75	4.7388881	884.53827	5
32.538111	10.437381	58.779873	105.63883	75	4.5787888	816.47833	5
28.37708	8.7021847	58.779873	106.12385	28.37708	5.8233288	933.78495	5
29.010714	10.844305	58.779873	108.84844	29.010714	5.3488173	811.11788	5
30.407011	10.168838	58.779873	107.83188	30.407011	5.1748332	797.58888	5

26.282005	9.9581508	59.779873	106.78035	26.282005	5.4917231	849.06822	5
26.862051	10.002177	59.779873	106.58677	26.902053	5.3831738	864.80255	5
29.039842	10.063951	59.779873	106.87299	29.039842	5.3705156	861.17804	5
28.422913	9.5905322	59.779873	107.02993	28.422913	5.4820929	876.0437	5
27.060838	8.8332853	59.779873	107.02308	27.059833	5.7109604	928.04028	6
28.583518	9.9819252	59.779873	107.18293	28.583818	5.4130507	859.15578	5
28.868283	9.9515489	59.779873	107.53878	28.858283	5.381138	843.12288	5
28.018822	9.9304482	59.779873	107.49413	28.018822	5.4791479	878.45383	5
27.899418	9.8708612	59.779873	107.74639	27.899418	5.4852642	804.82278	5
28.082988	9.8779253	59.779873	107.91022	28.082988	5.4337807	867.95608	6
28.128211	9.8486347	59.779873	107.89222	28.128211	5.414876	882.98173	5
27.183733	9.6880175	59.779873	108.13757	27.183733	5.5894399	858.28493	5
27.585899	9.7818771	59.779873	107.97836	27.585899	5.4622045	868.87822	5
26.687777	9.7003117	59.779873	108.21021	26.687777	5.8188288	808.12543	5
26.794437	9.6785702	59.779873	108.07577	26.794437	5.887389	873.71851	6
26.865882	9.6001583	59.779873	108.30038	26.865882	6.7150158	919.09134	6
26.447044	9.6828342	59.779873	108.2588	26.447044	5.554471	910.83617	5
25.282383	9.4888113	59.779873	108.57888	25.282383	5.7628903	821.699	5
25.789836	9.428802	59.779873	108.98846	25.789836	5.5710201	888.87887	5
25.488874	9.3847109	59.779873	108.94176	25.488874	5.583611	886.05843	5
25.987245	9.5007544	59.779873	108.87112	25.987245	5.4387723	873.31185	5
25.845308	9.4798825	59.779873	108.82422	25.845308	5.4848834	881.3181	5
25.522007	9.424983	59.779873	108.80786	25.522007	5.4814408	861.07910	5
32.981179	9.8384448	59.779873	108.82428	32.981179	4.4227848	887.73181	6
32.985108	10.411207	59.779873	108.77088	32.985108	4.421864	918.84873	5
33.482588	10.858835	59.779873	108.43657	33.482588	3.8114788	1043.8413	5
33.227067	10.487222	59.779873	108.08388	33.227067	3.8889426	1017.432	5
33.329897	10.492729	59.779873	108.87313	33.329897	3.8387803	1001.0677	5
33.842487	10.800804	59.779873	110.42888	33.842487	3.7310830	1041.9562	5
33.887982	10.715513	59.779873	110.81331	33.887982	3.8380888	1041.3051	5
34.47835	10.838837	59.779873	111.58889	34.47835	3.4348328	1108.8113	5
34.584122	10.850322	59.779873	112.20588	34.584122	3.3027849	1121.8388	5
34.828737	10.948827	59.779873	113.08127	34.828737	3.1885248	1108.3578	5
35.115432	11.002548	59.779873	113.87284	35.115432	2.8788388	1101.2807	5
35.422818	11.087362	59.779873	114.83888	35.422818	2.7882488	1183.8122	5
36.787373	11.202823	59.779873	115.585	36.787373	2.538488	1195.2191	5
36.08144	11.280457	59.779873	118.11883	36.08144	2.2318358	1203.8617	5
38.842545	11.388803	59.779873	117.38882	38.842545	2.0382533	1247.3184	5
37.782131	11.808713	59.779873	117.82887	37.782131	2.2947018	1282.5483	5
0	7.0882518	59.779873	118.33886	0	8.2198707	1113.9888	8
9.9820819	8.8807388	59.779873	121.18871	9.9820819	5.2588048	818.78172	5
17.74814	7.1834886	59.779873	118.48888	17.74814	2.8815888	858.87888	5
20.810834	8.818882	59.779873	118.47818	20.810834	3.8843828	808.87831	6
22.828881	8.8388485	59.779873	118.94888	22.828881	4.1331177	882.78163	5
18.738874	8.0848817	59.779873	111.88182	18.738874	3.2405879	888.81201	5
21.88757	8.4481382	59.779873	110.81849	21.88757	3.9183465	884.18707	5
22.782888	8.9488187	59.779873	108.7384	22.782888	4.1151585	828.08832	5
20.882733	8.4848883	59.779873	108.83883	20.882733	3.7977808	782.34883	6
23.888017	8.9778885	59.779873	108.1377	23.888017	4.173818	875.15888	5
25.234488	8.2448803	59.779873	107.78183	25.234488	4.4483188	888.8745	5
21.428434	8.8143824	59.779873	107.18834	21.428434	4.1128883	743.88828	5
23.891885	9.1244821	59.779873	108.78822	23.891885	4.234201	713.40347	5
24.984181	9.1288125	59.779873	108.42888	24.984181	4.4301772	882.13733	5
28.548419	9.4218188	59.779873	108.00236	28.548419	4.3322522	877.17829	5
24.518318	9.1888241	59.779873	105.67725	24.518318	4.4288238	705.84716	6
24.780432	9.2888429	59.779873	185.2358	24.780432	4.517848	781.42133	6
28.125004	9.5384825	59.779873	105.17138	28.125004	4.5923171	722.28801	5
28.234088	9.3574066	59.779873	105.08884	28.234088	4.3372048	730.88414	5
27.445538	9.5588011	59.779873	104.91756	27.445538	4.7588888	715.81884	5
28.128588	9.8700134	59.779873	104.87722	28.128588	4.8458881	712.82773	5
25.888325	9.4578818	59.779873	104.37835	25.888325	4.851037	801.71827	5
27.424874	9.881474	59.779873	104.84872	27.424874	4.8888845	751.01383	5

26.893322	8.629065	59.779873	104.47417	26.993322	4.9951334	743.05237	6
32.163395	10.221508	59.779873	104.18937	75	5.1544818	770.85344	6
32.152077	10.272225	59.779873	104.0824	75	5.0956338	826.26422	6
32.146152	10.240808	59.779873	104.02831	75	4.8136024	868.85182	5
32.183687	10.232939	59.779873	104.15105	75	4.9157889	948.79334	5
32.199627	10.227875	59.779873	104.48159	75	4.89082	956.74249	5
32.367085	10.252384	59.779873	106.09228	75	4.5738869	915.82734	5
32.483739	10.241968	59.779873	105.36596	75	4.4882447	925.41187	5
32.866054	10.280335	59.779873	105.54634	75	4.1524901	989.2074	5
32.894848	10.285736	59.779873	106.3876	75	4.1037846	994.49713	5
33.002888	10.281100	59.779873	106.81802	75	3.8645116	992.52301	5
32.991858	10.273288	59.779873	107.40901	75	4.1242232	887.84708	6
33.182545	10.30908	59.779873	108.02496	75	3.8847090	987.03889	5
33.285492	10.41342	59.779873	108.48531	75	3.884849	1028.0183	5
34.028685	10.648634	59.779873	108.32088	75	3.5806323	1100.7859	5
34.131847	10.647882	59.779873	110.07984	75	3.4400291	1103.3488	5
33.875229	10.629089	59.779873	110.83211	75	3.8289019	1071.8582	5
34.89096	10.0927	59.779873	111.44691	75	3.4542224	1084.3882	6
34.57148	10.718145	59.779873	111.96867	75	3.2442389	1114.4131	5
3.4868385	8.7548752	59.779873	112.67588	3.4868385	9.5181895	971.37877	6
18.441387	7.2171187	59.779873	114.23361	18.441387	3.1418785	894.21948	6
27.18398	8.8383188	59.779873	113.29045	27.18398	6.2288658	548.78717	6
22.881629	6.8319895	59.779873	110.89893	22.881629	4.0858484	875.84528	6
24.501746	8.0687632	59.779873	108.59141	24.501746	4.3287015	857.34882	6
25.324955	8.1283007	59.779873	108.85718	25.324955	4.4369889	834.47882	6
22.682474	8.0287972	59.779873	108.22179	22.682474	4.1233883	784.98286	6
23.104458	8.1788861	59.779873	107.81012	23.104458	4.4174872	894.18621	6
24.26081	8.967817	59.779873	107.1358	24.26081	4.3188119	714.48867	6
24.870487	9.1820007	59.779873	108.80288	24.870487	4.308028	713.19116	6
24.822764	9.1686811	59.779873	108.27167	24.822764	4.4105774	728.83861	6
25.238831	9.39958	59.779873	105.17888	25.238831	4.5718953	728.70398	6
27.033288	9.8162179	59.779873	105.78898	27.033288	4.6715412	703.00421	6
25.980371	9.1008632	59.779873	105.4676	25.980371	4.8841886	760.37921	6
27.358821	8.6883458	59.779873	105.3405	27.358821	4.7201352	718.50348	6
28.896575	8.4118788	59.779873	105.3405	28.896575	4.7124482	717.8904	6
24.863748	9.2894777	59.779873	104.98253	24.863748	4.8936143	788.4458	6
23.988288	9.4710822	59.779873	104.71116	23.988288	4.8561888	788.83905	6
28.728189	9.418889	59.779873	104.82242	28.728189	4.8470839	788.44263	6
27.022823	9.4772672	59.779873	104.87823	27.022823	4.8781754	788.11243	6
28.183028	8.6284686	59.779873	104.79309	28.183028	4.8838448	781.38263	6
27.004898	9.4263516	59.779873	104.65889	27.004898	4.8103748	778.15648	6
27.320677	8.478408	59.779873	104.48585	27.320677	4.9648482	804.28961	6
27.881513	8.589008	59.779873	104.57693	27.881513	4.885271	788.86243	6
27.880404	8.4586288	59.779873	104.67852	27.880404	5.0104158	781.38971	6
32.24081	10.159143	59.779873	104.71415	76	5.073328	793.83894	6
32.185189	10.12755	59.779873	104.44067	75	4.6883888	806.88864	6
32.225781	10.120576	59.779873	104.5713	76	4.5878655	815.02478	6
32.404761	10.190567	59.779873	104.87723	75	4.4078145	846.78934	6
32.483078	10.162161	59.779873	105.38894	75	4.4775881	824.27138	6
32.896585	10.180488	59.779873	105.8587	75	4.2790613	852.99952	6
32.863581	10.178463	59.779873	108.46748	75	4.2845312	834.17288	6
32.95083	10.173974	59.779873	108.48035	75	4.0025005	887.03863	6
33.180803	10.184274	59.779873	107.4262	75	3.8967882	1011.7361	6
33.067358	10.181742	59.779873	107.8863	75	3.8762468	982.51824	6
33.228518	10.186388	59.779873	108.28004	75	3.828221	1012.9089	6
33.226215	10.182189	59.779873	108.74487	75	3.8128883	1007.928	6
33.185841	10.181388	59.779873	108.2847	75	3.8871053	990.52989	6
33.436439	10.263749	59.779873	108.81489	75	3.7218548	1024.4302	6
33.990882	10.488254	59.779873	110.28847	75	3.5123043	1079.525	6
34.037327	10.488974	59.779873	110.88619	75	3.5509882	1095.1302	6
34.248204	18.581247	59.779873	111.58672	75	3.3101998	1088.2181	6
34.852778	19.880317	59.779873	112.21587	75	3.1548572	1085.8503	6

8.1136458	6.5777283	58.779873	113.34131	8.1136458	8.3127127	858.43388	6
19.373108	7.988788	58.779873	114.87218	19.373108	3.3946532	682.45585	8
24.537848	8.9814787	58.779873	113.6957	24.537848	4.4158831	581.848	8
24.318212	8.1138917	58.779873	111.81018	24.318212	4.2558834	633.82088	8
23.180898	8.765805	58.779873	108.70706	23.180898	4.1218779	682.71285	8
25.984833	8.0932425	58.779873	109.0078	25.984833	4.4844837	629.30023	8
23.570375	8.8708124	58.779873	108.18878	23.570375	4.1874714	712.38458	8
24.980553	9.1458408	58.779873	107.7833	24.980553	4.3677388	677.87415	8
24.382188	8.8940748	58.779873	108.84883	24.382188	4.3006158	687.82422	8
25.038568	9.1928018	58.779873	108.55894	25.038568	4.3885585	707.21358	8
28.277943	8.2488831	58.779873	185.87128	28.277943	4.8417378	681.30798	8
28.5888	9.5187277	58.779873	108.88818	28.5888	4.8417008	658.47235	8
28.88388	9.5881847	58.779873	108.58885	28.88388	4.8808893	683.24731	8
28.884304	8.3888412	58.779873	108.00702	28.884304	4.8284837	785.87134	8
29.345882	9.738308	58.779873	104.87082	29.345882	4.9387804	678.73383	8
28.788128	8.8818378	58.779873	104.88834	28.788128	4.8818334	703.83711	8
27.714115	9.5188188	58.779873	104.51878	27.714115	4.7888824	748.38888	8
28.440145	9.8881182	58.779873	184.23134	28.440145	4.8418881	710.18388	8
28.847808	9.8888812	58.779873	104.18877	28.847808	4.8887881	787.88888	8
28.888843	9.842248	58.779873	104.28845	28.888843	4.8788713	728.18887	8
28.818827	8.8784134	58.779873	104.81184	28.818827	5.0087481	734.17841	8
28.882774	8.8420138	58.779873	103.82882	28.882774	5.0083813	758.888	8
30.188222	9.7815884	58.779873	103.88848	30.188222	5.0377428	728.88282	8
27.842818	9.5181828	58.779873	104.88838	27.842818	5.1241202	818.18748	8
27.882882	8.8884273	58.779873	104.84137	27.882882	5.148848	787.15148	8
32.885184	8.8445171	58.779873	104.28385	32.885184	5.1888414	782.28877	8
32.181188	10.024847	58.779873	104.11338	32.181188	4.7884284	854.8574	8
32.188188	10.023738	58.779873	104.48888	32.188188	4.7878885	887.45313	8
32.188848	10.027845	58.779873	104.18482	32.188848	4.8814838	854.85481	8
32.183884	10.023788	58.779873	104.42888	32.183884	4.7788888	874.88274	8
32.28715	10.088215	58.779873	104.84888	32.28715	4.8415882	881.78853	8
32.378182	10.023888	58.779873	108.18747	32.378182	4.8188881	888.15318	8
32.484478	10.028881	58.779873	108.58888	32.484478	4.8882825	884.88288	8
32.48834	10.088884	58.779873	108.51378	32.48834	4.5887887	888.38248	8
32.481881	10.017884	58.779873	108.81488	32.481881	4.5888843	881.42458	8
32.788184	10.024875	58.779873	108.38771	32.788184	4.2888888	848.12888	8
32.781871	10.042182	58.779873	108.58848	32.781871	4.4788884	888.18488	8
32.818878	10.088372	58.779873	108.87882	32.818878	4.4774871	884.8881	8
32.818888	10.042288	58.779873	107.14217	32.818888	4.8738244	884.87842	8
32.888822	10.04544	58.779873	107.78213	32.888822	4.1488883	888.28817	8
32.888884	10.088412	58.779873	108.14712	32.888884	4.3888835	921.88888	8
33.837117	10.043878	58.779873	108.17882	33.837117	4.0818871	848.78884	8
33.818874	10.041338	58.779873	108.48838	33.818874	4.1371288	848.78888	8
33.818888	18.84188	58.779873	108.88888	33.818888	4.0473188	888.38877	8
38.888471	7.2884788	58.779873	108.88218	38.888471	8.5888883	823.38428	8
28.281878	8.8881142	58.779873	118.38888	28.281878	4.9188888	881.38788	8
24.882824	9.0428181	58.779873	108.84878	24.882824	4.4888888	733.88812	8
28.888848	8.2378832	58.779873	108.88881	28.888848	4.8842718	728.88857	8
28.881871	8.8817282	58.779873	108.28888	28.881871	4.8887188	728.78888	8
27.888882	9.3888138	58.779873	107.84883	27.888882	4.8883888	703.48878	8
27.881181	8.8788814	58.779873	107.38888	27.881181	4.8881824	713.88717	8
28.888342	9.245888	58.779873	108.84277	28.888342	4.8884784	751.2888	8
28.888284	8.8718481	58.779873	108.51281	28.888284	4.8478888	728.21888	8
28.445488	8.4174188	58.779873	108.38488	28.445488	4.781213	712.88888	8
28.738823	8.4813484	58.779873	108.88884	28.738823	4.8845327	727.888	8
31.354873	8.8828231	58.779873	108.88884	31.354873	5.1841844	678.78373	8
27.874888	8.8888818	58.779873	108.28878	27.874888	4.9178444	774.2738	8
28.218888	8.8481388	58.779873	108.27883	28.218888	4.8818711	788.88227	8
30.831488	8.8888888	58.779873	108.23712	30.831488	5.0818833	718.88878	8
30.884114	8.7875481	58.779873	104.81888	30.884114	5.0242888	738.88814	8
31.181783	9.7878841	58.779873	108.88278	31.181783	5.1137882	722.12888	8
28.82247	9.3888273	58.779873	104.78723	28.82247	5.08288	737.85388	8

28.718872	0.5537891	58.779873	104.85889	28.718872	5.0943518	781.51833	8
30.219891	0.0658001	59.779873	104.56703	30.219891	5.0197277	781.80544	6
28.688448	0.6241685	59.779873	104.81328	28.688448	5.1588004	815.74845	8
28.780542	0.5520248	59.779873	104.67232	28.780542	5.1587389	801.58173	6
30.026303	0.5515808	59.779873	104.69514	30.026303	5.0280353	778.57088	8
28.978313	0.5741482	59.779873	104.86208	28.978313	5.1632805	823.31635	8
28.884388	0.582108	59.779873	104.79295	28.884388	5.2184282	841.27875	6
30.076888	0.6434879	59.779873	103.00357	30.076888	0.0288882	782.10547	6
28.472027	0.4889357	59.779873	104.78231	28.472027	6.2412214	882.61489	8
29.125772	0.5518683	59.779873	105.12836	29.125772	5.1521883	824.31171	6
28.828712	0.6130314	59.779873	105.24828	28.828712	5.0577499	790.30556	6
29.038757	0.4864328	59.779873	105.11206	29.038757	5.1880318	822.80070	8
29.071154	0.5472755	59.779873	105.22382	29.071154	5.1432781	818.85805	6
28.988494	0.5834385	59.779873	105.43787	28.988494	5.1823132	821.08299	8
28.88888	0.4873822	59.779873	105.58257	28.88888	5.1119127	810.28522	6
28.518848	0.4718046	59.779873	105.87624	28.518848	5.2291183	850.1474	6
28.821282	0.5488824	59.779873	105.84782	28.821282	5.1513118	823.87804	6
28.781577	0.5143847	59.779873	105.95418	28.781577	5.1427888	824.48288	6
28.088388	0.4288618	59.779873	105.872	28.088388	6.2204381	880.82846	8
28.304888	0.4578029	59.779873	105.98248	28.304888	5.1878081	843.17029	8
28.706783	0.4761448	59.779873	105.95858	28.706783	5.1151288	818.48884	6
28.837285	0.3972885	59.779873	106.03327	28.837285	5.2078077	837.6145	6
28.073382	0.4281814	59.779873	106.08808	28.073382	5.2088845	848.32028	6
28.887888	0.4718368	59.779873	106.05024	28.887888	5.0882883	797.745	6
28.188884	0.3882728	59.779873	106.84891	28.188884	5.1738745	840.85377	6
28.88284	0.418487	59.779873	106.44888	28.88284	5.1141181	816.55383	6
29.427788	0.5282118	59.779873	106.34828	29.427788	5.0282737	782.58428	6
28.284344	0.478887	59.779873	106.35285	28.284344	5.0328847	787.73286	6
28.522047	0.4088888	59.779873	106.17558	28.522047	5.1388805	816.2821	6
29.810588	0.5775848	59.779873	106.88808	29.810588	4.8874888	788.88301	6
29.888331	0.6012703	59.779873	106.18884	29.888331	5.0120101	783.88119	6
29.428873	0.5882288	59.779873	106.20822	29.428873	5.0318883	790.22229	6
31.288888	0.7820723	59.779873	106.41848	31.288888	5.0888805	743.48438	6
28.714818	0.5128724	59.779873	106.18808	28.714818	6.0288811	787.18488	8
32.871384	0.6778883	59.779873	106.11741	32.871384	4.8518881	800.21382	6
32.888782	0.8888877	59.779873	106.18818	32.888782	5.8888801	787.02828	8
32.537328	0.8888887	59.779873	106.88156	32.537328	4.7588196	788.84039	6
32.488075	0.8874113	59.779873	106.83458	32.488075	4.8188341	824.88888	6
32.883018	0.8888884	59.779873	106.8814	32.883018	6.0881487	771.88828	8
32.813819	0.8888888	59.779873	106.88857	32.813819	6.1412884	748.81611	6
32.881888	0.9188888	59.779873	106.84182	32.881888	4.8415807	782.81183	6
32.888003	0.8888888	59.779873	106.18883	32.888003	5.2288729	731.92157	6
32.571048	0.8888883	59.779873	106.83774	32.571048	5.0788221	738.81884	8
32.844254	0.9188883	59.779873	106.71788	32.844254	6.0588713	784.48708	8
32.481817	0.9074841	59.779873	105.48831	32.481817	5.228482	685.18182	6
32.88447	0.8888832	59.779873	105.18812	32.88447	5.2147074	737.82887	6
32.881247	0.8888882	59.779873	105.41827	32.881247	6.2288812	688.8738	8
32.288218	0.8874545	59.779873	104.81055	32.288218	5.1723888	732.38034	6
32.227008	0.8711881	59.779873	104.88238	32.227008	5.1851888	788.18834	6
32.285588	0.8881587	59.779873	104.88328	32.285588	6.1881383	648.58805	6
32.188875	0.8517814	59.779873	104.18822	32.188875	5.1871848	703.23488	6
32.187283	0.8488807	59.779873	104.28838	32.187283	5.1843815	673.48112	6
32.114788	0.842328	59.779873	103.78887	32.114788	5.178814	727.18888	6
32.122021	0.8488888	59.779873	103.88734	32.122021	5.1788888	640.23224	6
32.888237	0.8488882	59.779873	103.88871	32.888237	5.1787885	708.78838	6
32.112228	0.8481318	59.779873	103.78356	32.112228	5.1888288	687.94714	8
32.11132	0.8488748	59.779873	103.78855	32.11132	5.1882121	818.88728	6
32.077128	0.8388818	59.779873	103.48348	32.077128	5.1742288	683.73788	8
36.782753	10.150788	59.779873	103.42081	36.782753	5.8515328	588.8401	6
32.088388	0.8888782	59.779873	102.72885	32.088388	5.1852327	688.88184	6
32.088888	11.83773	59.779873	103.17357	32.088888	6.1181284	800.48841	6
31.88415	0.8543453	59.779873	102.82831	31.88415	5.186162	894.84883	6

32.004457	9.8305596	59.779873	102.0484	75	5.1801632	617.89423	6
31.993738	9.8254964	59.779873	102.49165	75	5.164465	654.9646	6
64.788478	12.358718	59.779873	102.30906	73.499148	7.8342232	575.90417	6
31.969951	9.8119436	59.779873	102.67317	61.89872	5.1590061	718.89814	6
31.67044	9.8097289	59.779873	102.17759	62.692379	5.1565808	625.8778	6
31.972498	9.8077908	59.779873	102.23398	61.999413	5.1560826	589.29934	6
37.846384	12.800644	59.779873	102.18968	62.90461	6.0236731	568.90021	6
31.837748	9.8006786	59.779873	101.77854	57.676079	5.1821521	663.9082	6
31.968426	11.291710	59.779873	102.90580	66.967793	6.1836323	623.93689	6
31.993678	9.80422	59.779873	101.70044	54.402714	5.1616294	585.0482	6
31.82339	10.444148	59.779873	101.86929	51.416688	5.1467012	704.56639	6
31.927947	9.7888146	59.779873	101.83948	53.091318	6.1289738	615.40985	6
31.839998	9.826899	59.779873	101.69408	48.765036	5.1463826	670.27124	6
57.435869	14.326972	59.779873	101.87539	57.438869	6.7617802	523.01267	6
31.819016	10.428822	59.779873	101.47624	43.891102	5.1429518	689.24316	6
48.033906	13.079735	59.779873	101.30623	48.033906	6.1179003	561.80127	6
31.886245	10.097725	59.779873	101.19579	39.812769	6.1424704	684.6614	6
45.003445	12.788415	59.779873	101.81399	45.003445	7.8243948	381.89023	6
31.899769	8.8740663	59.779873	101.10786	41.967887	5.1386202	658.38862	6
46.791538	12.582897	59.779873	101.42741	45.791538	7.4995923	596.04789	6
31.893581	9.8827043	59.779873	101.18837	42.344843	5.1378498	680.81836	6
39.811041	11.210877	59.779873	101.4989	46.089024	6.8563526	584.13	6
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47.348328	13.258693	59.779873	101.03746	47.348328	7.8902494	680.33813	6
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19.207946	7.0304518	23.5147	96.543327	19.207045	4.6063939	807.84143	5
17.623483	6.6994727	23.5147	96.547318	17.523483	5.523612	864.83242	5
16.981979	6.7178383	23.5147	96.662801	16.981078	5.788988	874.8396	5
17.974127	6.814487	23.5147	97.058904	17.974127	4.9669109	634.21367	5
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15.274483	6.1644440	23.5147	98.030528	15.274483	5.4321127	885.55109	5
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14.133408	5.877832	23.5147	108.3685	14.133405	3.5056699	778.3573	5
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11.289738	5.854814	23.5147	102.29887	10.14688	6.9807486	890.98520	5
10.666889	5.9257619	23.5147	100.44362	11.289738	5.5047063	866.50669	5
12.038861	5.9364467	23.5147	100.80876	10.666889	5.8543587	868.18217	5
11.727241	5.8908888	23.5147	100.87807	12.038861	4.3378825	808.1051	5
10.824809	5.8907684	23.5147	100.92436	11.727241	4.4882237	813.84618	5
12.253759	6.0242916	23.5147	101.08636	10.824809	5.1878428	842.80193	5
11.828582	5.8228221	23.5147	101.18328	12.253759	3.6148867	780.87178	6
14.518372	6.0201411	23.5147	101.18328	11.828582	3.6504961	782.97949	5
17.802591	6.6882844	23.5147	101.11788	14.518372	4.5860143	818.46304	5
18.898110	7.3271275	23.5147	101.08632	17.802591	3.8800582	779.01837	6
21.686236	7.9897373	23.5147	100.89024	18.898110	5.7191412	880.89602	4
21.881372	8.3518001	23.5147	100.47875	21.686236	6.8944323	1036.9858	5
21.831188	8.302478	23.5147	100.80883	21.881372	7.6738956	1213.1014	5
20.846043	8.309	23.5147	100.90472	21.831188	8.3127584	1302.5359	5
19.886083	8.2362054	23.5147	101.73182	20.846043	9.2531391	1409.0206	5
18.698828	8.1468888	23.5147	102.95085	19.886083	9.7943705	1485.7388	5
17.502365	8.0561543	23.5147	104.08394	18.698828	10.859444	1588.863	5
17.37972	8.1176843	23.5147	106.54086	17.502365	11.981879	1641.4971	5
			106.78804	17.37972	12.167243	1680.5216	4

16.562081	8.2291128	23.5147	108.41279	16.562081	12.857471	1795.9769	4
16.343081	8.3230812	23.5147	109.81802	16.343081	13.543016	1851.1863	4
15.927457	8.5072842	23.5147	111.0719	15.927457	14.626882	1947.739	4
15.303606	8.696684	23.5147	113.03734	15.303606	14.445987	2047.7815	4
13.912703	8.8894142	23.5147	114.21283	13.912703	14.588823	2143.7758	4
11.378884	9.0488511	23.5147	115.24004	11.378884	14.845025	2231.1467	4
9.7781288	9.1827835	23.5147	115.80473	9.7781288	14.808734	2244.501	4
8.9004489	9.1731282	23.5147	116.64814	8.9004489	15.310523	2238.8082	4
1.7078654	8.8813867	23.5147	116.0788	1.7078654	15.56184	2148.3032	4
0.47344771	8.1831417	23.5147	116.82058	0.47344771	14.478441	1937.9844	4
0.15287483	7.8081728	23.5147	114.48827	0.15287483	12.780883	1685.0145	4
0	7.1214113	23.5147	113.83416	0	10.843108	1481.0426	4
0	8.8033509	23.5147	112.18821	0	8.8222923	1242.0303	4
0	8.1797189	23.5147	111.43887	0	8.2283354	1051.8834	4
6.1451082	5.9378868	23.5147	110.47879	6.1451082	8.0165324	870.27195	4
6.3104258	5.8180442	23.5147	109.13613	6.3104258	4.9945288	828.8833	4
7.8947017	5.9084607	23.5147	108.21751	7.8947017	3.4788781	770.73287	4
7.8883881	5.8013834	23.5147	107.58808	7.8883881	3.3241105	765.9314	4
7.8306139	5.8882708	23.5147	108.86722	7.8306139	3.3882014	785.34515	4
8.1644718	5.88832	23.5147	108.38879	8.1644718	3.8888888	735.43821	4
8.8883229	5.8734484	23.5147	105.74508	8.8883229	2.8848828	747.42145	4
8.8888877	5.8788825	23.5147	105.42422	8.8888877	3.1283884	758.50588	4
8.3482422	5.8811851	23.5147	104.78827	8.3482422	3.4853281	771.28818	4
8.8877778	5.8788888	23.5147	104.88828	8.8877778	3.6821173	764.28164	4
8.7582941	5.8782377	23.5147	104.08828	8.7582941	3.3177555	767.34589	4
8.7588979	5.8803835	23.5147	103.78784	8.7588979	3.4081547	788.28824	4
8.4382871	5.8838238	23.5147	103.81841	8.4382871	2.7788198	783.18718	4
8.3788858	5.8807288	23.5147	103.30888	8.3788858	3.8824618	787.73238	4
8.3218748	5.8888242	23.5147	103.18438	8.3218748	3.9883183	781.43148	4
7.7244902	5.8888888	23.5147	103.00888	7.7244902	4.5834289	803.51404	4
7.4883884	5.8888888	23.5147	102.87528	7.4883884	4.7074038	820.03088	4
7.8884788	5.8878288	23.5147	102.80388	7.8884788	4.4813481	810.28822	4
7.0478838	5.8814882	23.5147	102.47478	7.0478838	4.8811522	823.83288	4
8.9422883	5.88882	23.5147	102.40819	8.9422883	4.7775882	822.83884	4
8.8828214	5.8883448	23.5147	102.30888	8.8828214	4.8877242	818.4848	4
8.7848881	5.8883828	23.5147	102.18888	8.7848881	4.821387	818.32848	4
8.8817298	5.8818887	23.5147	102.30319	8.8817298	4.4888844	808.32825	4
7.212844	5.8784788	23.5147	102.21888	7.212844	4.0144401	794.9126	4
8.8887887	5.8794794	23.5147	101.83833	8.8887887	4.2238488	800.21332	4
7.0383405	5.8887884	23.5147	101.90482	7.0383405	4.0888488	798.28187	4
7.888881	5.8882748	23.5147	101.88884	7.888881	3.0788743	754.8888	4
8.3871434	5.882882	23.5147	101.87881	8.3871434	2.8801042	744.08488	4
9.3848882	5.8873288	23.5147	101.88818	9.3848882	2.8318888	721.81223	4
10.3772	5.8348427	23.5147	101.72846	10.3772	2.3304734	701.82311	4
10.348564	5.8340311	23.5147	101.8838	10.348564	2.8304078	712.82142	4
10.808873	5.8338888	23.5147	101.84777	10.808873	2.3288827	708.5473	4
10.731748	5.8333228	23.5147	101.30884	10.731748	2.3288844	723.48987	4
11.048831	5.8328435	23.5147	101.18532	11.048831	2.8287816	720.63027	4
11.027144	5.8308178	23.5147	101.20432	11.027144	2.4182888	728.78671	4
10.375274	5.8388337	23.5147	101.29427	10.375274	2.2388834	782.19507	4
9.8288888	5.8388887	23.5147	101.02888	9.8288888	3.8747888	787.19501	4
9.8824177	5.8488888	23.5147	100.88849	9.8824177	4.2847748	806.08185	4
8.0188788	5.8818818	23.5147	101.01278	8.0188788	6.3813482	847.17047	4
7.7288428	5.8888872	23.5147	100.88875	7.7288428	6.3828382	848.17645	4
7.8820384	5.8828473	23.5147	101.88388	7.8820384	5.232717	844.07178	4
8.1288888	5.8728888	23.5147	101.4881	8.1288888	8.0833888	873.71851	4
8.0818788	5.8712387	23.5147	101.38828	8.0818788	5.9283175	888.28838	4
8.2882488	5.8873588	23.5147	101.33	8.2882488	6.8278888	882.48848	4
8.088818	5.8888431	23.5147	101.44188	8.088818	6.3888888	846.38814	4
5.7888174	5.8801837	23.5147	101.44488	5.7888174	5.4738882	850.38837	4
8.1488847	5.8488888	23.5147	101.28487	8.1488847	5.1178781	836.21388	4
7.2888844	5.8440442	23.5147	101.38824	7.2888844	6.0118887	832.8244	4

8.3889586	5.8536463	23.5147	101.32379	8.3669586	5.8703426	868.05887	4
8.1310329	5.8575807	23.5147	101.41818	8.1318320	6.1813441	885.06018	4
8.4882822	6.8611841	23.5147	101.44807	8.4552822	6.9288644	912.07587	4
11.3895336	5.8709654	23.5147	101.43326	11.3895336	7.7233839	850.88219	4
14.452827	5.1828588	23.5147	101.28188	14.452827	8.784127	1018.8848	4
18.138288	7.3702402	23.5147	101.52709	18.138288	7.7822478	1143.3004	5
20.700068	8.1588418	23.5147	101.32942	20.700068	8.3714714	1431.1811	5
20.124782	8.42893	23.5147	101.34877	20.124782	11.325805	1878.8888	4
18.335543	8.74123	23.5147	102.85117	18.335543	13.807888	1813.9084	4
16.468617	9.8888658	23.5147	103.81383	16.468617	14.478471	2128.4408	4
5.2782418	8.8088381	23.5147	104.75858	5.2782418	15.252782	2154.8828	5
1.1202182	8.4182872	23.5147	108.84547	1.1202182	15.348701	2025.8319	4
0.30878288	7.738483	23.5147	107.78887	0.30878288	13.428404	1770.7473	4
7.82E-02	7.2401781	23.5147	108.34881	7.82E-02	11.248814	1888.8275	4
0	6.7888877	23.5147	108.45488	0	9.2087244	1816.8447	5
0	8.2843287	23.5147	108.23158	0	8.0388171	1123.7838	5
3.3888844	5.8818884	23.5147	107.98812	3.3888844	7.2341127	918.27388	5
5.4471011	5.8288878	23.5147	107.12112	5.4471011	5.8358404	888.83332	5
6.7137481	5.8111388	23.5147	108.81788	6.7137481	4.8147818	812.87888	5
7.1384804	5.8888855	23.5147	105.88875	7.1384804	3.8345404	785.87512	5
7.3878333	5.7887117	23.5147	108.88887	7.3878333	3.8871987	778.88782	8
8.1388282	8.788712	23.5147	108.14482	8.1388282	2.8878344	748.88841	5
7.878888	5.7814488	23.5147	104.87561	7.878888	3.1478879	744.28817	5
8.6077828	5.7888881	23.5147	104.48133	8.6077828	2.7178881	741.32848	5
8.8888888	5.7788888	23.5147	104.15788	8.8888888	2.5227887	733.83217	5
8.887888	5.7784443	23.5147	103.88341	8.887888	2.8538343	788.87825	5
8.4812388	5.7888885	23.5147	103.77388	8.4812388	3.3488855	788.81885	8
8.783534	5.7781288	23.5147	103.88888	8.783534	3.032284	734.22388	8
8.3183757	5.7888811	23.5147	103.88173	8.3183757	3.8888335	777.28883	6
8.7788288	5.7773075	23.5147	103.88488	8.7788288	3.1787882	771.88439	5
8.8848228	5.788228	23.5147	103.88218	8.8848228	3.0888448	755.43821	5
8.44835	5.7788888	23.5147	102.78885	8.44835	3.8732885	788.1123	5
8.8421388	5.7888818	23.5147	102.1123	8.8421388	3.3888888	788.8888	5
8.4184471	5.7942814	23.5147	102.82885	8.4184471	3.8821888	788.88873	5
8.4284882	8.781118	23.5147	102.34188	8.4284882	3.8881823	787.48425	6
8.8321888	5.7717848	23.5147	102.21813	8.8321888	3.2841888	761.38838	5
8.5548267	5.7888881	23.5147	102.14217	8.5548267	3.7238875	781.88888	5
8.8188878	5.7788734	23.5147	102.88814	8.8188878	3.8788878	788.88818	5
9.0888781	5.7714318	23.5147	102.81887	9.0888781	3.1313732	758.53351	5
8.8388848	5.7788884	23.5147	101.88177	8.8388848	3.8887332	778.88887	5
8.8488318	5.7788888	23.5147	102.877	8.8488318	3.4887328	773.11821	5
8.4488188	5.7888812	23.5147	101.87288	8.4488188	2.8181748	748.4754	5
9.2288381	5.7888832	23.5147	101.87885	9.2288381	3.2834311	783.88784	5
10.028888	5.7488888	23.5147	101.88883	10.028888	2.8823888	738.37788	5
9.5888343	5.7888814	23.5147	101.8784	9.5888343	3.1722788	788.38888	5
9.5887888	5.7488834	23.5147	101.78777	9.5887888	3.2738488	784.48788	5
9.7877427	5.7488834	23.5147	101.83482	9.7877427	3.1413835	782.88822	5
8.8811218	5.7878877	23.5147	101.88884	8.8811218	4.2888773	883.38881	5
8.8441328	5.7728881	23.5147	101.71481	8.8441328	4.4224181	818.8388	5
8.5788188	5.7788888	23.5147	101.88887	8.5788188	4.2188887	882.38888	5
7.8888413	5.7888888	23.5147	101.87888	7.8888413	5.3122288	882.88887	5
7.8188888	5.773282	23.5147	101.88881	7.8188888	4.7488811	822.88888	5
8.0872888	5.7878888	23.5147	101.88881	8.0872888	4.1784464	888.21344	5
7.143414	5.7888888	23.5147	101.81728	7.143414	4.8238888	828.88884	6
7.8888117	5.7887788	23.5147	101.78888	7.8888117	4.4871848	813.14832	5
7.7847888	5.7488873	23.5147	101.8184	7.7847888	3.8888844	792.78888	5
8.887888	5.7888888	23.5147	101.71184	8.887888	4.8888835	888.88888	6
7.845433	5.7888144	23.5147	101.84888	7.845433	4.4288848	818.24148	5
7.4881828	5.744781	23.5147	101.77884	7.4881828	3.7881881	785.28812	5
8.7548822	5.7883187	23.5147	101.88888	8.7548822	4.4888714	811.24833	5
8.8888782	5.7488477	23.5147	101.88888	8.8888782	4.1438218	788.84887	5
7.3734187	5.7432888	23.5147	101.7888	7.3734187	3.5788334	778.3573	5

8.9921708	5.7374454	23.5147	101.80089	6.9821708	3.9742703	792.22889	5
7.3430805	5.7199796	23.5147	101.73837	7.3430805	3.5100136	773.87402	5
7.672256	5.7108679	23.5147	101.50108	7.672256	3.0929273	753.89521	5
7.4701595	5.7186788	23.5147	101.54927	7.4701595	3.4191055	774.79348	5
8.0450392	5.7091751	23.5147	101.83855	8.0450392	2.8657131	749.36304	5
6.3205042	5.787735	23.5147	101.82282	6.3205042	2.7130084	736.84336	5
6.3708735	5.7038897	23.5147	101.67043	6.3708735	2.8268873	745.67725	5
9.1828885	5.657894	23.5147	101.47395	9.1828885	2.2881081	722.18071	5
6.6283443	5.7014888	23.5147	101.80586	6.6283443	2.6886471	741.32548	5
9.4677485	5.694849	23.5147	101.67985	9.4677485	2.3319027	730.74481	5
10.118323	5.685895	23.5147	101.46783	10.118323	2.2852721	716.08891	5
8.8228572	5.6848403	23.5147	101.35144	8.8228572	2.520889	734.88188	5
10.060981	5.6780184	23.5147	101.38214	10.060981	2.3888213	728.40289	6
10.143626	5.6756854	23.5147	101.41032	10.143626	2.4186766	730.80254	6
9.9631567	5.6786785	23.5147	101.23736	9.9631567	2.7818885	745.37886	6
10.541825	5.6728887	23.5147	101.52442	10.541825	2.367336	729.39813	6
10.000794	5.6655126	23.5147	101.1828	10.000794	3.0245063	755.24802	6
9.728998	5.6912994	23.5147	101.31233	9.728998	3.4804804	772.47919	6
10.08815	5.6818008	23.5147	101.18888	10.08815	3.0218109	767.42273	6
9.6453955	5.6915888	23.5147	101.32861	9.6453955	3.0048975	776.48292	6
9.7411385	5.6843883	23.5147	101.43288	9.7411385	3.5084132	774.88868	6
10.141905	5.6898855	23.5147	101.22388	10.141905	2.9928611	753.95825	6
9.8118018	5.6887439	23.5147	101.88290	9.8118018	3.4082781	770.3784	6
10.287785	5.6841182	23.5147	101.42388	10.287785	2.9512828	752.48771	6
9.9582233	5.690702	23.5147	101.60391	9.9582233	3.3381718	768.04813	6
9.667941	5.6917801	23.5147	101.45488	9.667941	3.7327902	787.27753	6
9.9021482	5.6881165	23.5147	101.38932	9.9021482	3.3826582	770.21814	6
9.4022799	5.7088112	23.5147	101.37353	9.4022799	3.9737587	787.06677	6
9.0889117	5.7058201	23.5147	101.4882	9.0889117	4.2148037	807.23285	6
9.1038011	5.7088172	23.5147	101.58825	9.1038011	4.0322181	795.88283	6
8.4479504	5.6889588	23.5147	101.88831	8.4479504	4.5848048	814.77454	6
8.8902873	5.6885884	23.5147	101.7883	8.8902873	3.827888	791.78866	6
8.9688231	5.6827884	23.5147	101.80838	8.9688231	3.7885177	785.34033	6
8.6832516	5.6883367	23.5147	101.85831	8.6832516	4.101018	798.83702	6
8.9880489	5.6728334	23.5147	101.8879	8.9880489	3.5718817	777.44373	6
9.140871	5.6888261	23.5147	101.77541	9.140871	3.2788079	785.85771	6
8.9812884	5.6823282	23.5147	101.73325	8.9812884	3.538818	775.81559	6
9.2784852	5.6883872	23.5147	101.88855	9.2784852	3.1520059	768.81047	6
9.48771	5.6839018	23.5147	101.78838	9.48771	2.870881	753.23888	6
8.4233828	5.6889814	23.5147	101.88881	8.4233828	3.1023357	768.89296	6
10.00753	5.6848824	23.5147	101.88319	10.00753	2.5782806	737.39063	6
8.4283528	5.6543284	23.5147	101.81857	8.4283528	3.2522748	760.78483	6
9.8575881	5.6548838	23.5147	101.83887	9.8575881	2.8202337	761.31476	6
10.11795	5.6488503	23.5147	101.74867	10.11795	2.721133	742.37428	6
9.8389188	5.6488259	23.5147	101.92136	9.8389188	3.0188176	755.43821	6
10.232136	5.643343	23.5147	101.57882	10.232136	2.8184716	747.88889	6
10.485389	5.6448193	23.5147	101.82835	10.485389	2.8584188	748.77734	6
10.388882	5.6448785	23.5147	101.83837	10.388882	2.8888643	750.37616	6
10.981458	5.6393842	23.5147	101.93888	10.981458	2.4838943	731.48323	6
10.178804	5.6500187	23.5147	101.84217	10.178804	3.2981825	768.88883	6
10.272993	5.6543236	23.5147	101.83849	10.272993	3.2887806	768.88318	6
10.445488	5.6582791	23.5147	101.8134	10.445488	3.0888532	758.98408	6
10.134811	5.687485	23.5147	101.48297	10.134811	3.5478249	777.12158	6
10.077842	5.6555004	23.5147	101.64888	10.077842	3.6002188	779.22076	6
10.124888	5.6580872	23.5147	101.79295	10.124888	3.4885851	774.58326	6
9.75888	5.6861458	23.5147	101.88887	9.75888	3.8475332	788.08841	6
32.948457	9.7024441	23.5147	100.88201	75	4.1813207	1178.9321	6
34.218381	11.382829	23.5147	98.725571	75	7.0488003	1871.1742	6
32.264288	11.214712	23.5147	100.43812	75	10.888882	1935.7338	6
29.88254	11.575184	23.5147	103.18487	75	11.888881	2248.5383	6
29.283367	12.644433	23.5147	107.08885	75	11.177338	2576.4341	6
28.433334	14.129894	23.5147	109.92788	75	10.431453	2801.354	6

27.974583	14.517065	23.5147	112.97243	75	11.570444	3180.5364	6
28.510063	15.573273	23.5147	118.80543	75	10.30557	3286.1526	6
33.727869	18.952974	23.5147	127.28121	75	6.5113944	3430.1394	6
37.424958	21.135841	23.5147	137.98362	70.610877	10.248406	3563.0034	6
39.075005	22.975859	23.5147	147.18808	67.863582	9.0197483	3636.8269	6
33.585811	19.822781	23.5147	154.7191	63.114319	10.852853	3685.9795	6
34.369434	19.808069	23.5147	157.56882	54.901684	10.365895	3680.9634	6
31.328091	19.299957	23.5147	157.23099	48.00421	10.743086	3801.8554	6
33.007890	18.024176	23.5147	180.29487	48.87579	10.345089	3887.6212	6
28.810636	17.740889	23.5147	180.78012	45.183264	11.388851	3821.0682	6
25.250172	17.163008	23.5147	182.98904	43.117867	11.342882	3933.6106	6
21.889718	18.723811	23.5147	190.78132	40.806819	11.969718	3947.8879	6
23.787863	18.546307	23.5147	196.15024	38.558843	12.114172	3980.3835	6
17.787067	18.037704	23.5147	187.11902	38.207367	12.820248	3977.7249	6
18.541376	15.951759	23.5147	154.82716	33.053884	13.017529	3988.8313	6
19.075678	13.977387	23.5147	183.06896	29.870525	12.169113	3978.7786	6
18.786084	15.886898	23.5147	150.35788	27.227389	12.578978	3988.8313	6
17.882887	15.88187	23.5147	148.10389	25.421953	12.881831	4005.4102	6
17.839166	15.811202	23.5147	146.63214	22.301054	12.931186	4000	6
18.57505	15.803772	23.5147	146.72852	18.841263	13.290821	3988.3818	6
18.848422	15.674836	23.5147	144.60367	18.848422	13.138973	3988.3818	6
18.129476	15.480077	23.5147	143.72796	16.129476	13.353785	3988.1812	6
13.323158	15.248807	23.5147	141.85446	13.323158	14.306176	3992.5474	6
9.9588424	14.670054	23.5147	142.10072	9.9588424	16.583225	3888.301	6
3.1849815	13.873006	23.5147	140.08911	3.1849815	17.381294	3874.4873	6
0.88083703	13.627867	23.5147	138.213	0.88083703	17.006142	3873.9814	7
0.1282806	12.081053	23.5147	133.28519	0.1282806	17.589653	3250.9751	7
0	11.30702	23.5147	129.18806	0	16.547888	2896.5334	7
0	10.848867	23.5147	127.18816	0	16.238155	2678.5715	7
0	19.207291	23.5147	125.45432	0	15.843866	2487.7046	7
0	8.7868004	23.5147	122.7647	0	15.412291	2162.0803	7
0	7.8788291	23.5147	120.37044	0	14.485973	1828.0123	7
0	7.432702	23.5147	117.72539	0	12.732282	1716.8809	7
0	6.9861074	23.5147	115.68182	0	10.882874	1512.4918	7
0	6.4897146	23.5147	113.86364	0	8.7880902	1311.8768	7
0	6.03107	23.5147	112.37077	0	8.0382124	1125.819	7
2.1818083	6.0481072	23.5147	111.14307	2.1818083	7.7985885	839.5553	7
5.521628	5.930203	23.5147	109.81858	5.521628	6.0519662	698.18705	7
8.7880018	5.9834303	23.5147	108.82108	8.7880018	3.9447773	702.81183	7
7.5012893	5.5685907	23.5147	107.87717	7.5012893	3.0326246	758.64407	7
8.7732271	5.8884828	23.5147	107.10182	8.7732271	2.2488881	711.5812	7
8.8828702	5.8813043	23.5147	106.33302	8.8828702	2.2854347	734.42773	7
9.4411118	5.5588843	23.5147	105.8816	9.4411118	2.2478972	704.98943	7
9.8804424	5.5319883	23.5147	106.37104	9.8804424	2.2480232	704.88036	7
10.044136	5.5512152	23.5147	104.83823	10.044136	2.2449388	701.76439	7
11.348473	5.6488989	23.5147	104.98874	11.348473	2.2443933	674.00589	7
11.788936	5.5413248	23.5147	104.23131	11.788936	2.2422503	671.77218	7
11.827572	5.5885408	23.5147	103.8327	11.827572	2.2413265	689.7821	7
11.78898	6.088483	23.5147	103.3789	11.78898	2.2417028	690.84413	7
11.812488	5.5408864	23.5147	103.42462	11.812488	2.2421064	705.4178	7
11.822081	5.5308827	23.5147	103.07389	11.822081	2.2414792	704.88012	7
11.35341	6.6388388	23.5147	102.81486	11.35341	2.2426578	732.92291	7
10.623832	5.5410738	23.5147	102.48238	10.623832	2.2411857	768.40328	7
10.942895	5.6380358	23.5147	102.51091	10.942895	2.6318244	749.58771	7
11.221178	5.5341158	23.5147	102.45138	11.221178	2.6439729	741.91815	7
11.578842	5.5308928	23.5147	102.51672	11.578842	2.3879197	731.27924	7
11.543821	5.5238703	23.5147	102.43068	11.543821	2.4803368	735.69373	7
11.371539	5.51883	23.5147	102.42979	11.371539	2.7910289	790.88785	7
11.516088	5.5181388	23.5147	102.28821	11.516088	2.8717224	743.42076	7
11.522886	5.5180737	23.5147	102.23382	11.522886	2.728656	748.67606	7
11.668251	5.5180427	23.5147	102.14178	11.668251	2.6330714	744.8974	7
11.218729	5.520848	23.5147	102.1423	11.218729	3.2218458	786.24445	7

11.345119	5.5158567	23.5147	102.26779	11.345119	3.8091668	757.38452	7
12.216804	5.5200377	23.5147	102.20188	12.216804	3.1608306	780.88062	7
11.733341	5.5211162	23.5147	102.05636	11.733341	3.5989160	782.88609	7
11.574733	5.5221033	23.5147	101.97743	11.574733	3.8713047	779.7879	7
11.868372	5.5261797	23.5147	102.17	11.868372	3.4275372	775.35413	7
11.82385	5.5163215	23.5147	102.2580	11.82385	3.2297643	767.14680	7
12.924003	5.4860728	23.5147	102.40758	12.924003	2.2283463	720.59855	7
14.331245	5.4988978	23.5147	102.80361	14.331245	2.2297425	686.04203	7
16.757553	5.718008	23.5147	102.43522	16.757553	2.4101864	838.87714	7
16.839328	5.7080807	23.5147	102.40818	16.839328	2.3833388	854.27889	7
16.803978	5.8002888	23.5147	102.02356	16.803978	2.4213147	961.95841	7
16.869109	5.7728972	23.5147	101.85688	16.869109	2.4841888	886.68629	7
16.737678	5.7505885	23.5147	101.83080	16.737678	2.4019103	882.34546	7
17.815439	5.8648003	23.5147	101.88699	17.815439	2.8625402	883.0127	7
16.89829	5.7473059	23.5147	101.48414	16.89829	2.3854938	711.47360	7
17.194313	5.8794987	23.5147	101.58218	17.194313	2.5188846	688.26807	7
16.862576	5.7882489	23.5147	101.29523	16.862576	2.4401851	709.25342	7
17.051893	5.8218064	23.5147	101.11588	17.051893	2.4848841	712.45367	7
17.237774	5.8291245	23.5147	101.22403	17.237774	2.5278883	710.22723	7
16.80347	5.7827802	23.5147	101.17589	16.80347	2.5282348	728.02884	7
17.168254	5.8610882	23.5147	101.28917	17.168254	2.500944	722.88286	7
16.868888	5.7437418	23.5147	101.06424	16.868888	2.8279719	745.08642	7
16.734444	5.7983082	23.5147	101.28682	16.734444	2.822867	745.71218	7
16.876888	5.777206	23.5147	101.04881	16.876888	2.8534333	735.04183	7
16.428463	5.7254219	23.5147	101.1847	16.428463	3.2274635	784.96463	7
16.882585	5.8271719	23.5147	101.08579	16.882585	2.7971885	739.53852	7
16.771366	5.7428331	23.5147	101.24792	16.771366	2.881072	748.87725	7
16.768216	5.7882146	23.5147	101.08221	16.768216	2.9788945	758.38154	7
16.818001	5.8068481	23.5147	101.27727	16.818001	2.8883572	745.88253	7
16.243285	5.645206	23.5147	101.01948	16.243285	3.2888443	787.88907	7
16.851035	5.7347841	23.5147	101.02386	16.851035	3.1823489	781.34388	7
16.887172	5.7288748	23.5147	101.02737	16.887172	2.8204016	749.29073	7
15.923646	5.5907125	23.5147	101.18716	15.923646	3.8017723	784.10878	7
16.430145	5.6758735	23.5147	101.33818	16.430145	3.114828	788.14785	7
16.441738	5.6288211	23.5147	101.30142	16.441738	2.8744346	753.88251	7
16.885878	5.6834894	23.5147	101.3883	16.885878	3.3307828	771.54314	7
16.214084	5.6140176	23.5147	101.47883	16.214084	3.1281118	782.3114	7
15.882118	5.5422783	23.5147	101.4136	15.882118	3.2437818	788.63883	7
16.984683	5.5881873	23.5147	101.40685	16.984683	3.2328338	771.4889	7
16.273889	5.6782285	23.5147	101.37883	16.273889	2.8147533	758.2771	7
16.80124	5.5303834	23.5147	101.34371	16.80124	3.0678831	782.18943	7
16.041898	5.8244884	23.5147	101.41851	16.041898	3.030881	780.81847	7
16.268413	5.5408588	23.5147	101.32487	16.268413	2.7088887	744.01874	7
15.730875	5.5158134	23.5147	101.29033	15.730875	3.2915838	770.81189	7
16.004124	5.5048372	23.5147	101.32758	16.004124	2.9740062	757.38452	7
16.083733	5.5026388	23.5147	101.32014	16.083733	2.9218603	785.17281	7
16.877781	5.4852035	23.5147	101.18388	16.877781	2.9441367	755.13489	7
16.168837	5.5848777	23.5147	101.17386	16.168837	2.7028832	744.49078	8
16.177509	5.8202888	23.5147	101.29884	16.177509	2.7187481	743.08642	8
16.301788	5.5758497	23.5147	101.21888	16.301788	2.6703388	741.91315	8
16.589782	5.6217871	23.5147	101.07687	16.589782	2.5382845	723.85516	8
16.268675	5.5958114	23.5147	101.12872	16.268675	2.8478741	756.86785	8
16.316639	5.5881004	23.5147	100.85128	16.316639	2.7757523	748.41718	8
16.245896	5.5824785	23.5147	100.83127	16.245896	2.8484389	748.87871	8
16.138519	5.5880888	23.5147	101.088	16.138519	3.0204344	758.38007	8
16.370396	5.5868177	23.5147	100.91287	16.370396	2.7184187	751.78888	8
16.26104	5.5828214	23.5147	100.9478	16.26104	2.8224182	748.87871	8
16.197906	5.5853653	23.5147	100.88851	16.197906	2.8588853	753.86748	8
16.319384	5.588882	23.5147	100.88629	16.319384	2.783104	745.88047	8
16.168222	5.5473223	23.5147	100.88004	16.168222	2.9588818	780.28355	8
16.177789	5.5858735	23.5147	100.8871	16.177789	2.9255776	754.22389	8
16.210979	5.6308838	23.5147	100.87397	16.210979	2.7788890	747.88787	8

15.170368	5.5394067	23.5147	100.63203	15.170368	2.9116319	763.73090	B
15.201882	5.532817	23.5147	100.76607	15.201882	3.0061153	757.72895	B
15.146895	5.4855303	23.5147	100.80727	15.146895	2.8348899	793.75073	B
15.176896	5.5077152	23.5147	100.81787	15.176896	2.7572309	747.18083	B
15.440445	5.566223	23.5147	100.80948	15.440445	2.5895883	738.44834	B
15.201395	5.5229168	23.5147	100.80714	15.201395	2.8288847	755.13490	B
15.21368	5.5304881	23.5147	100.82269	15.21368	2.8315134	750.07801	B
15.236481	5.5306339	23.5147	100.81807	15.236481	2.7137346	745.06848	B
15.147363	5.5136771	23.5147	100.74885	15.147363	2.9130000	764.18573	B
15.244164	5.5267849	23.5147	100.54813	15.244164	2.7479172	758.02034	B
15.151474	5.4878769	23.5147	100.36424	15.151474	2.8578424	751.7806	B
15.148542	5.503291	23.5147	100.78222	15.148542	2.8828457	751.20197	B
15.288625	5.5289706	23.5147	100.6908	15.288625	2.6884624	742.31708	B
15.14388	5.5052185	23.5147	100.79588	15.14388	2.8738439	758.03518	B
15.155214	5.4863284	23.5147	100.71142	15.155214	2.8400838	751.01385	B
15.319882	5.5324728	23.5147	108.46782	15.319882	2.5307178	741.88837	B
15.152982	5.5078773	23.5147	100.34483	15.152982	2.8732493	752.48215	B
15.204315	5.5088708	23.5147	100.51019	15.204315	2.7482125	754.84089	B
15.189555	5.4878189	23.5147	100.20189	15.189555	2.7813857	746.83736	B
17.228329	5.8828238	23.5147	100.48889	17.228329	3.1428878	788.888	B
32.228518	9.0488874	23.5147	100.90286	75	4.037313	1072.1178	B
33.630385	10.184889	23.5147	99.12387	75	3.5105388	1288.3388	B
34.619699	10.873813	23.5147	108.82802	75	6.3774209	1471.887	B
34.488511	11.437212	23.5147	102.23485	75	7.4038878	1801.8786	B
35.173027	11.659188	23.5147	105.80844	75	7.4319051	1878.5432	B
38.209827	12.618127	23.5147	108.41708	75	7.5138672	1744.3886	B
37.588288	12.210037	23.5147	112.01789	75	8.9729548	1748.252	B
40.320343	12.88888	23.5147	116.47328	75	8.328433	1788.289	B
41.09847	12.988823	23.5147	120.58138	75	7.1238845	1844.1111	B
42.770504	13.427414	23.5147	125.89518	75	8.9842317	1913.7837	B
45.648798	14.248832	23.5147	130.88848	75	7.5101886	1889.2477	B
45.268141	15.782578	23.5147	135.93352	75	7.2328828	2143.7759	B
45.848887	16.887882	23.5147	141.94832	75	7.284332	2323.8903	B
48.827208	19.088388	23.5147	148.83726	73.354103	6.8711878	2448.1802	B
51.054185	21.5408	23.5147	153.81032	82.188888	7.3408707	2689.2029	B
54.488897	23.671138	23.5147	158.12833	58.173673	7.1838914	2888.8433	B
51.444838	22.824877	23.5147	168.00729	61.444839	7.0644839	2888.3887	B
48.87618	20.31435	23.5147	173.16884	48.87618	7.0068254	2638.8583	B
42.489418	17.834877	23.5147	188.42334	42.488418	7.2222414	2855.8016	B
38.890093	15.5534	23.5147	181.11088	38.890093	8.4367087	2405.0822	B
36.015873	13.780238	23.5147	178.37185	36.015873	8.3848103	2548.8205	B
33.040787	12.891882	23.5147	178.54827	33.040787	10.138889	2303.8882	B
28.888888	11.182289	23.5147	173.71778	28.888888	11.743018	2124.346	B
25.488485	9.5088887	23.5147	172.88889	25.488485	12.88087	1828.8205	B
25.328872	9.3888237	23.5147	188.83583	25.328872	12.382227	1883.7122	B
23.883302	9.1478534	23.5147	182.28914	23.883302	12.547881	1800.4181	B
21.988829	8.8890221	23.5147	188.43038	21.988829	13.408899	1888.3752	B
20.738804	8.6752677	23.5147	188.18281	20.738804	12.831338	1888.1708	B
20.882834	8.8882038	23.5147	182.84232	20.882834	12.988402	1858.8577	B
19.883514	8.4088056	23.5147	149.75889	19.883514	12.328842	1818.1819	B
17.872767	8.1178799	23.5147	167.81388	17.872767	12.323522	1773.488	B
15.438288	7.5181811	23.5147	144.88888	15.438288	11.848138	1674.2838	B
15.030221	7.1472731	23.5147	142.80218	15.030221	10.588888	1582.3373	B
15.236384	6.9871888	23.5147	138.82885	15.236384	9.3782005	1454.882	B
14.370107	6.7883308	23.5147	138.33031	14.370107	8.8827014	1382.3877	B
13.711014	6.4183874	23.5147	134.34673	13.711014	8.2728077	1258.4458	B
12.988885	6.1478825	23.5147	131.32858	12.988885	8.7218342	1208.3842	B
11.478347	5.8784723	23.5147	128.85304	11.478347	8.8717788	1148.6014	B
9.9712848	5.8847158	23.5147	128.78244	9.9712848	8.8075181	1063.7543	B
9.7880142	5.4871894	23.5147	124.2478	9.7880142	8.8471283	1002.4058	B
9.430881	5.46188	23.5147	121.88845	9.430881	8.1888732	965.71838	B
9.8677318	5.448263	23.5147	119.73858	9.8677318	7.1888717	927.07037	B

8.8613566	5.4334002	23.5147	117.92849	6.8613566	6.1643081	684.74701	8
8.8742036	5.4194286	23.5147	118.51836	6.8742036	4.5672941	620.10516	8
8.0261135	5.3627488	23.5147	114.58824	8.0261135	3.5060328	778.04871	8
8.3929138	5.3854628	23.5147	113.26631	8.3929138	3.0505185	749.32882	8
8.8631564	5.3785702	23.5147	112.22248	8.8630564	2.3628688	732.08436	8
9.5232077	5.3724409	23.5147	111.50887	8.5232077	2.1675057	714.11588	8
10.073103	5.3737888	23.5147	110.82217	10.073103	2.1862481	702.28003	8
10.010533	5.3715887	23.5147	109.76703	10.010633	2.1871896	710.08277	8
10.863980	5.3698473	23.5147	108.78668	10.863089	2.1862189	696.24915	8
11.162456	5.3683881	23.5147	108.37221	11.162456	2.1881587	688.01625	8
11.86484	5.3682718	23.5147	107.85334	11.86484	2.1868887	677.78239	8
12.013373	5.3683581	23.5147	107.25528	12.013373	2.1862128	681.57031	8
12.853683	5.3688088	23.5147	106.7397	12.853683	2.1865304	674.03507	8
12.785823	5.370244	23.5147	106.29895	12.783823	2.1869776	679.40936	8
12.651054	5.3679342	23.5147	105.74185	12.651054	2.1853288	688.17867	8
12.587102	5.3644485	23.5147	105.48912	12.587102	2.1837273	687.98655	8
13.208923	5.3658468	23.5147	105.07274	13.208923	2.1847672	689.62341	8
13.137876	5.3658344	23.5147	104.78887	13.137876	2.1848714	685.46257	8
13.018581	5.3684789	23.5147	104.38748	13.018881	2.1848232	708.71381	8
13.170472	5.3684851	23.5147	104.1837	13.170472	2.1848888	707.28027	8
13.01348	5.3688623	23.5147	103.8877	13.01348	2.1841888	718.32636	8
13.272873	5.3682445	23.5147	103.78381	13.272873	2.183086	714.38782	8
13.732628	5.3611785	23.5147	103.48528	13.732628	2.1823888	704.92035	8
13.819825	5.3521389	23.5147	103.18891	13.819828	2.1828728	704.72188	8
14.570108	5.3588548	23.5147	103.31473	14.570108	2.1814408	691.91388	8
15.245082	5.358803	23.5147	103.28701	15.245082	2.1813288	688.78428	8
15.010852	5.3577888	23.5147	102.83582	15.010852	2.1800542	679.48836	8
16.273136	5.3547284	23.5147	102.82811	16.273138	2.2488474	671.32117	8
16.387938	5.3587034	23.5147	102.38723	16.387938	2.1900257	673.64264	8
16.627906	5.3613285	23.5147	102.13144	16.627908	2.3288848	679.58323	8
16.835153	5.3621805	23.5147	101.8887	16.835153	2.388822	681.57031	8
17.013004	5.7300787	23.5147	102.08111	17.013004	2.428823	686.18344	8
17.188408	5.7438878	23.5147	101.91289	17.188403	2.4713807	688.3418	8
18.940048	5.7888813	23.5147	101.87032	18.940045	2.4180254	689.48375	8
21.834318	6.0628348	23.5147	101.88782	75	4.8188821	721.32727	8
23.187928	6.8328832	23.5147	100.28483	73	3.8805456	1204.3281	8
24.844447	10.678834	23.5147	99.727888	75	4.1624836	1400.2888	8
24.733017	11.08461	23.5147	102.23328	75	5.3859737	1488.425	8
25.832307	11.840881	23.5147	105.40833	75	6.8808817	1818.1229	8
26.887488	11.932822	23.5147	107.8188	76	6.188878	1811.8802	8
27.344803	12.088022	23.5147	111.18888	76	6.8878887	1822.0475	8
28.44888	12.488882	23.5147	114.87702	76	6.3854884	1772.6305	8
41.678239	12.84174	23.5147	118.88413	76	6.8848212	1829.0452	8
41.888887	13.24881	23.5147	124.21882	76	7.4888777	1918.8482	8
43.380184	14.858887	23.5147	128.91887	76	7.8788492	2953.1088	8
46.461438	16.88284	23.5147	138.07847	73.852827	7.3288014	2179.8158	8
44.838885	18.880148	23.5147	140.88875	61.881883	7.188203	2358.2324	8
47.301882	18.882234	23.5147	147.2888	53.812108	7.143805	2500	8
48.482838	19.882885	23.5147	153.58888	46.438838	7.2737461	2808.8866	8
41.438885	17.883885	23.5147	158.78885	41.438885	7.5834031	2572.4575	8
36.807844	15.538837	23.5147	168.88881	38.807844	8.1888418	2488.8228	8
38.188364	13.815883	23.5147	188.8513	38.188364	9.0388075	2318.8287	8
32.688316	12.487888	23.5147	188.08888	32.688318	10.881887	2344.8389	8
28.848157	10.88482	23.5147	167.88478	28.848157	11.628723	2081.2894	8
26.408554	8.848823	23.5147	188.01453	26.408554	11.745488	1885.2076	8
23.734518	8.8514351	23.5147	182.87111	23.734518	11.415188	1753.7003	8
21.867884	8.8027637	23.5147	168.47118	21.867884	11.857882	1753.7003	8
19.738418	8.2428884	23.5147	155.80338	19.738418	11.858838	1714.8775	8
17.441828	7.7888873	23.5147	152.08871	17.441828	11.818885	1882.0475	8
18.124181	7.8148864	23.5147	148.78824	18.124181	11.338882	1838.8281	8
14.328848	7.0388011	23.5147	144.44888	14.328848	10.817711	1847.8279	8
13.892801	6.8108153	23.5147	140.50338	13.892801	10.234483	1520.8612	8

12.783689	6.6947374	23.5147	137.07634	12.783689	6.4779368	1448.0161	9	
12.113614	6.4463897	23.5147	133.85512	12.113614	9.668143	1371.2405	9	
11.629173	6.1889400	23.5147	131.69220	11.629173	8.5685353	1272.4805	9	
10.856602	6.8983691	23.5147	129.89002	10.856602	8.8087981	1184.958	9	
10.493299	5.491681	23.5147	127.02695	10.493299	8.8666046	1003.2103	9	
9.9020643	5.4114923	23.5147	124.80646	9.9020643	6.0574917	903.28902	9	
6.0661983	3.3797417	23.5147	122.26381	6.0661983	4.8101292	831.43951	9	
7.4282856	6.372333	23.5147	120.42027	7.4282856	4.2505727	886.32025	9	
6.0825484	5.3452234	23.5147	118.11031	6.0825484	2.418248	734.98981	9	
11.088078	5.3415766	23.5147	118.72081	11.088078	2.1738274	875.79749	9	
10.473171	5.3424240	23.5147	114.81509	10.473171	2.1740003	888.17036	9	
12.384645	5.3411942	23.5147	113.90859	12.384645	2.1738629	899.86273	9	
10.875985	5.3986128	23.5147	111.98566	10.875985	2.1727324	708.18349	9	
12.933989	5.338447	23.5147	111.16141	12.933989	2.1729007	838.57203	9	
12.043664	5.3399792	23.5147	110.14458	12.043664	2.1730878	858.73264	9	
13.806032	5.3391227	23.5147	109.24596	13.806032	2.1725885	891.37587	9	
14.965855	5.3382667	23.5147	108.097	14.965855	2.1721673	835.73486	9	
14.448079	5.3371249	23.5147	107.85488	14.448079	2.1494541	892.89005	9	
16.028423	5.341115	23.5147	107.38086	16.028423	2.1779847	631.87809	9	
15.012861	5.3373451	23.5147	106.54988	15.012861	2.1719458	895.80847	9	
16.570184	5.3701689	23.5147	106.11528	16.570184	2.3077705	898.63723	9	
14.98529	5.3374023	23.5147	105.44059	14.98529	2.1715784	606.08795	9	
15.52901	5.3018251	23.5147	104.89835	15.52901	2.1715938	878.60481	9	
14.334275	6.338277	23.5147	104.81008	14.334275	2.171329	718.9563	9	
16.481806	5.3468834	23.5147	104.33632	16.481806	2.1713179	896.02382	9	
16.316247	5.3883009	23.5147	104.08579	16.316247	2.3478484	877.17029	9	
18.382463	5.3968088	23.5147	103.88536	18.382463	2.1708238	712.08187	9	
16.229669	5.457661	23.5147	103.68049	16.229669	2.2285704	688.8772	9	
14.084674	5.3443891	23.5147	103.06182	14.084674	2.0289422	739.20758	9	
15.806788	5.3989892	23.5147	103.08376	15.806788	2.1705232	713.67487	9	
16.783453	5.487657	23.5147	102.78226	16.783453	2.3671975	687.50566	9	
16.774117	5.3418989	23.5147	102.38883	16.774117	2.1912417	728.90015	9	
16.805736	5.6729841	23.5147	102.48045	16.805736	2.2821928	682.13733	9	
16.867749	5.3367181	23.5147	102.30429	16.867749	2.3348806	731.89304	9	
16.460883	5.6908907	23.5147	102.16192	16.460883	2.2838171	715.88794	9	
16.448886	5.4365784	23.5147	101.81507	16.448886	2.2813683	718.48802	9	
16.341823	6.477136	23.5147	101.88724	16.341823	2.3383812	728.88087	9	
17.367166	5.7881804	23.5147	101.72963	17.367166	2.5058223	696.7973	9	
16.200829	5.4739113	23.5147	101.28743	16.200829	2.8983713	743.80885	9	
16.88827	5.8818203	23.5147	101.60181	16.88827	2.3580244	731.38917	9	
16.708297	5.6428084	23.5147	101.48836	16.708297	2.3486518	708.34812	9	
16.753422	5.8183463	23.5147	101.82206	16.753422	2.4408824	728.88292	9	
17.387436	5.8388028	23.5147	101.3486	17.387436	2.4989948	709.48826	9	
31.848808	8.8571505	23.5147	101.09705	31.848808	73	4.2858338	828.01239	9
33.57874	9.8237633	23.5147	98.725885	33.57874	76	3.7972331	1284.1386	9
34.651888	10.822911	23.5147	100.87884	34.651888	75	3.9788387	1362.9883	9
34.884453	10.842873	23.5147	102.48985	34.884453	75	5.0877974	1448.1353	9
35.017475	11.63708	23.5147	104.89637	35.017475	75	7.250977	1622.8497	9
38.100269	11.817188	23.5147	107.56433	38.100269	75	7.48878	1718.8386	9
36.89089	12.078181	23.5147	111.18846	36.89089	75	7.3434816	1787.4186	9
39.841011	12.83717	23.5147	118.8887	39.841011	75	8.4302006	1758.7371	9
41.884826	12.828543	23.5147	118.8303	41.884826	75	6.0493989	1627.7081	9
43.72702	13.395856	23.5147	124.9889	43.72702	75	6.9027853	1824.8986	9
45.090982	14.10488	23.5147	130.11598	45.090982	75	7.6296601	2008.3008	9
46.186894	15.62485	23.5147	135.01882	46.186894	75	7.4158885	2145.8157	9
45.235195	16.730423	23.5147	140.30687	45.235195	68.822887	7.3805771	2324.8806	9
47.891803	16.580543	23.5147	147.25813	47.891803	60.849453	6.8817516	2436.2515	9
51.128966	20.794487	23.5147	152.63902	51.128966	53.078819	6.9022012	2826.5847	9
46.88388	18.411818	23.5147	162.46403	46.88388	46.90388	6.9389588	2505.4286	9
46.078965	17.551382	23.5147	165.23898	46.078965	45.078965	7.3280062	2362.8435	9
43.402721	15.485852	23.5147	168.78712	43.402721	43.402721	7.3817485	2221.8831	9
39.656784	14.228863	23.5147	170.89008	39.656784	39.656784	8.4038381	2209.782	9

34.833107	12.828821	23.5147	189.47376	34.833107	9.8235886	2218.0673	9
29.448423	11.441441	23.5147	188.95773	29.448423	11.48637	2192.2416	9
28.073292	9.8223572	23.5147	188.834	28.073292	11.849014	1935.9634	9
25.511032	8.3224846	23.5147	185.01073	25.511032	11.569974	1819.7288	9
24.323322	8.1067123	23.5147	180.26721	24.323322	11.537138	1803.3182	9
22.285526	8.7459002	23.5147	157.22953	22.285526	12.139821	1785.3489	9
19.404179	8.2704172	23.5147	184.45706	19.404179	12.341619	1780.4034	9
17.189802	7.780015	23.5147	151.88852	17.189802	11.984165	1718.8937	9
16.043198	7.4707823	23.5147	147.95338	16.043198	11.486438	1672.6138	9
15.162214	7.3043786	23.5147	143.71039	15.162214	11.32563	1644.5864	9
13.412545	7.0433596	23.5147	140.23563	13.412545	10.862005	1578.2838	9
13.301032	6.8228485	23.5147	137.53298	13.301032	10.261532	1498.9508	9
12.811967	6.617301	23.5147	134.86156	12.811967	9.1551352	1433.8232	9
12.400893	6.4962443	23.5147	132.52948	12.400893	8.7165379	1340.3628	9
11.918271	6.0481732	23.5147	130.18881	11.918271	8.8243143	1233.0466	9
9.2654324	6.7967187	23.5147	128.51848	9.2654324	8.7818508	1120.4083	9
2.8518638	6.4644094	23.5147	126.10841	2.8518638	8.1300108	1013.719	9
0.83818934	6.3778574	23.5147	128.52416	0.83818934	6.3048908	887.78406	9
8.088787	6.3318602	23.5147	120.10123	8.088787	5.175567	773.87402	9
8.1818796	6.3293139	23.5147	117.56173	8.1818796	3.1339033	784.17542	9
8.8143311	6.3150882	23.5147	115.93089	8.8143311	2.3028902	730.74487	9
9.2288807	6.3127375	23.5147	114.74948	9.2288807	2.1688918	715.10287	9
9.2885084	6.3134747	23.5147	113.44823	9.2885084	2.0089979	716.11588	9
9.881361	6.3138387	23.5147	112.43282	9.881361	2.1806807	704.58823	9
10.283271	6.312658	23.5147	111.2823	10.283271	2.1603823	698.74688	10
11.428807	6.3118328	23.5147	110.32847	11.428807	2.1601811	674.06847	10
11.57975	6.3085322	23.5147	108.58813	11.57975	2.1593323	677.78229	10
11.718008	6.3110229	23.5147	106.74888	11.718008	2.1588187	680.787	10
12.010184	6.3118553	23.5147	106.08848	12.010184	2.1808945	688.70428	10
12.404102	6.3122859	23.5147	107.51388	12.404102	2.1608563	677.98813	10
12.388845	6.3112888	23.5147	108.91618	12.388845	2.1601572	689.02155	9
12.848689	6.3118703	23.5147	108.35408	12.848689	2.1802819	681.83132	10
13.382819	6.3110804	23.5147	105.82547	13.382819	2.188833	674.43011	10
13.487872	6.3101859	23.5147	105.58839	13.487872	2.188941	678.18483	10
13.764854	6.3117878	23.5147	103.13719	13.764854	2.160162	681.38384	10
13.749535	6.3118086	23.5147	104.87046	13.749535	2.1603298	688.70828	10
13.388071	6.3088284	23.5147	104.44772	13.388071	2.1602011	704.28916	10
13.372426	6.3083911	23.5147	104.40001	13.372426	2.1385884	710.53086	10
13.554598	6.3088301	23.5147	103.88482	13.554598	2.1581482	710.86473	10
13.885303	6.307918	23.5147	108.71873	13.885303	2.1384337	708.82474	10
13.821878	6.3080395	23.5147	103.48038	13.821878	2.1574702	705.81372	10
13.791787	6.3088846	23.5147	103.32284	13.791787	2.1674683	716.81884	10
13.580407	6.3045788	23.5147	103.2439	13.580407	2.2307477	725.15883	10
13.778204	6.3051398	23.5147	102.83018	13.778204	2.1662233	723.58688	10
13.723204	6.3087287	23.5147	182.82008	13.723204	2.263897	720.07568	10
13.830838	6.3079877	23.5147	102.77826	13.830838	2.1888779	726.37354	10
32.002247	8.8798873	23.5147	102.58112	75	4.8811822	738.88348	10
33.840172	9.8289877	23.5147	101.74883	75	3.0382427	1298.2497	10
34.718015	10.833582	23.5147	101.50884	75	4.8884387	1453.1282	10
34.884811	11.348882	23.5147	103.58722	75	6.8883141	1944.8401	10
36.378834	11.8465	23.5147	107.18828	75	6.4343828	1824.8874	10
36.819827	11.883073	23.5147	110.31285	75	6.8870432	1888.8734	10
38.838428	12.279885	23.5147	113.78846	76	5.8843713	1679.1671	10
41.148549	12.652532	23.5147	117.71123	75	5.8888421	1771.7831	10
42.33082	13.028875	23.5147	121.77798	73	5.8842348	1830.3844	10
42.884829	13.438174	23.5147	128.8488	76	7.1687048	1871.8888	10
45.773338	14.988884	23.5147	132.7103	75	7.5348887	2088.521	10
46.612274	16.128282	23.5147	137.88138	75	7.1488888	2238.8888	10
46.5881358	17.882877	23.5147	144.57243	68.45327	6.8821884	2382.8435	10
50.751174	20.881772	23.5147	151.07848	60.845821	6.885283	2458.8133	10
66.28845	21.882316	23.5147	157.88888	56.28845	6.8887958	2468.8888	10
81.373653	28.428888	23.5147	188.58124	51.373653	6.5833636	2488.5801	10

48.130348	18.116319	23.5147	170.36458	48.130348	7.0057201	2344.4827	10
44.849200	15.046025	23.5147	173.3756	44.849208	7.2291129	2203.2603	10
41.076488	14.886802	23.5147	173.66576	41.076488	7.7118613	2215.0029	10
38.167645	13.368029	23.5147	171.95041	38.167646	8.4040201	2248.6393	10
31.902773	12.176884	23.5147	171.1931	31.902773	10.499304	2250.5627	10
30.12669	11.721863	23.5147	169.25418	30.12669	10.808719	2241.1475	10
29.072727	11.691482	23.5147	168.87149	29.072727	11.100223	2208.287	10
28.855608	11.582376	23.5147	161.91577	28.855506	11.376791	2312.6736	10
28.852684	10.230759	23.5147	160.98715	28.852684	12.405744	2112.3767	10
24.482645	9.1982138	23.5147	159.28096	24.482846	12.831733	1929.2604	10
23.825258	8.9804387	23.5147	158.57001	23.825258	11.479868	1781.6843	10
22.517482	8.6817336	23.5147	154.1483	22.517482	11.743147	1782.6322	10
20.906382	8.317337	23.5147	151.39101	20.906382	11.82507	1711.8379	10
18.986357	7.8976705	23.5147	148.58624	18.986357	11.09117	1858.292	10
18.314883	7.6488285	23.5147	148.85184	18.314883	10.609579	1572.327	10
18.336891	7.538848	23.5147	143.67355	18.336891	9.8526861	1514.0809	10
18.408781	7.3613306	23.5147	141.08889	18.408781	9.0126047	1388.8342	10
17.472803	7.0113611	23.5147	138.29617	17.472803	7.8822408	1293.2149	10
14.271177	6.2448113	23.5147	137.31383	14.271177	8.3900148	1182.8331	10
10.012282	5.6302204	23.5147	134.82982	10.012282	8.7591783	1074.8528	10
3.6811894	5.3819885	23.5147	131.39183	3.6811894	8.1042019	958.9898	10
1.7045898	5.3428761	23.5147	127.80485	1.7045898	5.9007297	884.75289	10
7.0870866	5.3183781	23.5147	123.80572	7.0870866	4.2872491	810.59174	10
8.6807144	5.2988644	23.5147	120.48891	8.6807144	2.5198934	740.09883	10
9.3874338	5.2858601	23.5147	118.31881	9.3874338	2.1488738	708.85764	10
10.137584	5.2866274	23.5147	117.13883	10.137584	2.1181125	692.85273	10
10.83443	5.2868492	23.5147	115.46356	10.83443	2.1488806	677.85678	10
11.429199	5.2867471	23.5147	114.97243	11.429199	2.1488982	663.02888	10
12.657866	5.284664	23.5147	112.73818	12.657866	2.1479894	622.86828	10
12.633875	5.2834105	23.5147	111.27747	12.633875	2.1475215	605.54288	10
15.679888	5.28054	23.5147	110.78822	15.679888	2.1078879	604.28528	10
14.294224	5.2788488	23.5147	109.47228	14.294224	2.1468171	680.88511	10
17.688498	5.6887028	23.5147	108.58816	17.688498	2.5487832	585.2973	10
15.088445	5.2948327	23.5147	107.70889	15.088445	2.1488743	689.97283	10
18.027116	5.8888828	23.5147	108.87819	18.027116	2.5738879	601.29056	10
18.028228	5.2948398	23.5147	108.10888	18.028228	2.1528857	657.48216	10
17.433477	5.8888332	23.5147	105.91883	17.433477	2.4888803	632.88803	10
16.882841	5.4779887	23.5147	105.35275	16.882841	2.3888883	664.88732	10
18.928421	6.8888482	23.5147	106.86086	18.928421	2.3888879	673.88449	10
18.408819	6.4844222	23.5147	104.87798	18.408819	2.2444377	682.88801	10
18.822314	5.4018247	23.5147	104.36889	18.822314	2.1454833	708.32043	10
18.188388	5.3817881	23.5147	104.0784	18.188388	2.1842339	674.03613	10
18.7139	5.3888782	23.5147	103.88231	18.7139	2.2888837	730.08808	10
17.377785	5.7182028	23.5147	103.78189	17.377785	2.4844871	678.88375	10
17.084308	5.6002111	23.5147	102.87835	17.084308	2.4888272	682.9046	10
18.882039	5.6470413	23.5147	102.98129	18.882039	2.3188718	711.40825	10
16.025234	5.3581889	23.5147	102.787	16.025234	2.8884881	744.41893	10
15.988888	5.3888881	23.5147	102.83888	15.988888	2.7242136	748.28882	10
17.313786	5.7252489	23.5147	102.78471	17.313786	2.4878889	697.77179	10
16.570847	5.4882239	23.5147	102.17548	16.570847	2.2888247	725.18815	10
18.22946	6.4788381	23.5147	102.12787	18.22946	2.7061878	748.82599	10
18.326478	5.487882	23.5147	102.0408	18.326478	2.5877802	748.88715	10
18.888493	5.98183	23.5147	101.88842	18.888493	2.9081382	788.88884	10
31.968121	8.8288798	23.5147	101.88838	75	4.8888851	784.28144	10
32.483779	9.0270844	23.5147	101.23888	75	3.8888877	1055.448	10
33.48883	9.7387577	23.5147	100.7218	75	3.8873871	1227.406	10
34.244701	10.218502	23.5147	101.88888	75	3.3441458	1284.0267	10
35.048827	10.548828	23.5147	108.88785	75	3.2379772	1391.7844	10
35.713878	10.947181	23.5147	108.84828	75	3.6133471	1412.9616	10
37.2833	11.348826	23.5147	108.38848	75	4.1877838	1513.1647	10
37.888885	11.62287	23.5147	111.82882	75	3.8811883	1482.087	10
38.877242	11.827494	23.5147	113.58781	75	4.1490088	1545.4358	10

41.35379	12.343904	23.5147	116.31358	75	4.9587984	1638.27	10
42.935835	12.782828	23.5147	119.79572	75	5.2689425	1742.7875	10
43.850279	13.223185	23.5147	124.72771	75	5.3809548	1818.8431	10
44.085378	13.793826	23.5147	129.30719	76	6.4171257	1916.4431	10
47.298323	15.15152	23.5147	134.18943	75	7.3800558	2078.1245	10
48.185452	15.780442	23.5147	138.00333	75	7.1077857	2072.8855	10
48.018188	16.688892	23.5147	144.80861	73.238845	7.1688086	2182.8824	10
51.421703	18.080276	23.5147	150.23286	65.672043	6.8810383	2233.8049	10
54.807135	20.58476	23.5147	156.26452	56.883204	6.5107841	2273.4177	10
48.674091	19.182943	23.5147	161.3792	48.674091	6.5727439	2281.3303	10
44.818216	16.676376	23.5147	167.80411	44.818216	7.3371744	2288.1462	10
41.67231	15.267981	23.5147	188.88484	41.67231	7.7484137	2285.1921	10
37.705267	13.803859	23.5147	188.48351	37.705267	8.5483236	2278.2502	10
34.48816	12.889919	23.5147	187.87606	34.48816	10.008392	2243.1584	10
30.822876	11.770054	23.5147	188.85328	30.822875	10.801683	2246.1729	10
28.833882	10.812872	23.5147	186.57094	28.833882	12.084908	2118.2528	10
27.145077	8.8388817	23.5147	183.88953	27.145077	12.207588	1884.8571	10
24.754848	8.1782581	23.5147	180.88886	24.754848	12.11432	1872.1817	10
22.515728	8.7270403	23.5147	158.15588	22.515728	12.448534	1818.8467	10
19.878777	8.2888885	23.5147	155.84319	19.878777	12.182324	1800.288	10
17.787837	7.8418003	23.5147	152.38238	17.787837	12.084883	1727.8116	10
17.244785	7.8801114	23.5147	148.83524	17.244785	11.478419	1712.7197	10
16.574524	7.4802871	23.5147	144.84246	16.574524	11.424273	1886.1775	10
15.38788	7.177288	23.5147	142.04183	15.38788	10.835421	1801.0247	11
12.111825	6.7177472	23.5147	139.33189	12.111825	10.588838	1508.8138	11
10.413894	6.3832841	23.5147	138.7878	10.413894	9.1808388	1380.8488	11
10.483338	5.9888875	23.5147	134.87828	10.483338	8.417872	1215.4807	11
10.311887	5.8282422	23.5147	131.12688	10.311887	8.9721388	1081.3148	11
8.788887	5.3870833	23.5147	127.84178	8.788887	8.7717381	894.85888	11
8.880554	5.3348834	23.5147	124.88823	8.880554	7.451087	836.50488	11
2.8244018	5.3178833	23.5147	122.28782	2.8244018	6.1824834	882.78843	11
8.8788001	5.288388	23.5147	120.8482	8.8788001	4.8488807	821.3327	11
7.4848881	5.2887168	23.5147	117.63072	7.4848881	3.8848015	793.84488	11
8.657579	5.2888488	23.5147	115.88832	8.657579	2.7883751	788.88883	11
8.8488884	5.2734728	23.5147	114.38871	8.8488884	3.177	788.9184	11
8.2728888	5.2574043	23.5147	113.57857	8.2728888	2.1388308	713.88717	11
10.018887	6.2677381	23.5147	112.48848	10.018887	2.1357341	680.87138	11
8.843844	5.255342	23.5147	111.48848	8.843844	2.1348818	688.82888	11
10.811828	5.2548778	23.5147	110.88831	10.811828	2.1348297	677.53735	11
10.132838	5.2834833	23.5147	108.77884	10.132838	2.1340888	712.11548	11
11.83388	5.2831843	23.5147	108.83178	11.83388	2.1338184	688.88835	11
10.888773	5.2488718	23.5147	108.28871	10.888773	2.1328148	701.48888	11
12.138887	5.2813824	23.5147	107.77878	12.138887	2.1338878	673.88824	11
13.848811	6.25883	23.5147	107.40888	13.848811	2.1328854	854.8888	11
12.728188	5.2477884	23.5147	106.70888	12.728188	2.1314297	672.88718	11
14.438187	5.2488788	23.5147	106.45888	14.438187	2.1308888	837.83849	11
13.888888	5.2487831	23.5147	105.8128	13.888888	2.1328884	688.78284	11
14.388442	5.2481588	23.5147	106.83888	14.388442	2.1318778	895.18884	11
13.232881	5.2488384	23.5147	106.13828	13.232881	2.1317138	684.88516	11
14.883345	5.2488888	23.5147	104.81128	14.883345	2.1310818	888.88512	11
14.888238	5.2488378	23.5147	104.48888	14.888238	2.1311045	888.18871	11
15.205888	5.2481318	23.5147	103.88882	15.205888	2.1318808	672.18821	11
15.833172	5.2477784	23.5147	103.88218	15.833172	2.131537	857.8814	11
14.72578	5.2478721	23.5147	103.83152	14.72578	2.131427	684.38813	11
18.447485	6.2822082	23.5147	103.41234	18.447485	2.2385888	854.78734	11
14.721887	6.2453888	23.5147	103.18414	14.721887	2.1305837	710.88881	11
18.822348	5.8832872	23.5147	103.1881	18.822348	2.2888852	888.23372	11
16.427877	8.2838821	23.5147	102.71848	16.427877	2.1308814	705.8887	11
16.888717	5.8844277	23.5147	102.77878	16.888717	2.3487822	873.43881	11
15.78348	5.2574387	23.5147	102.42874	15.78348	2.131083	880.22844	11
18.54853	5.4782818	23.5147	102.83174	18.54853	2.2848188	880.88484	11
18.888888	6.188879	23.5147	102.43255	18.888888	2.8122758	888.32128	11

15.375401	5.3204803	23.5147	101.78685	15.375401	2.8579852	789.07082	11
17.493114	5.733181	23.5147	102.05886	17.493114	2.4918101	680.14868	11
17.135349	5.6908141	23.5147	102.11789	17.135349	2.4074473	683.18083	11
17.898955	6.0917278	23.5147	101.93776	17.898955	2.5437184	692.29123	11
17.440802	5.5983104	23.5147	101.87231	17.440802	2.4622407	689.13577	11
17.958385	5.9219281	23.5147	102.17864	17.958385	2.6014323	691.49915	11
18.918439	6.5812273	23.5147	102.00285	18.918439	3.0641112	654.79734	11
18.652216	5.5308918	23.5147	101.95836	18.652216	3.3059173	771.04828	11

MFMTQETKC:1	PPS_AQJQETKC:1	NDESAETKC:1	ECT_CJQETKC:1	EBPQETKC:1	ICP_MPAQETKC:1	PPS_AQJQETKC:1
M	M	M	M	M	M	M
54.959557	195.80885	1000	0.98282898	118.48422	18.159023	148.89735
57.290238	194.80888	1000	0.82318108	116.77375	14.886885	148.89735
52.827788	195.80885	1000	0.88829065	113.28873	14.818741	148.89833
56.80518	195.80885	1000	0.88375275	117.80571	14.833878	148.89735
53.880647	182.81183	1000	1.0784258	112.58805	14.432388	148.89735
58.310826	188.8045	1000	1.0800870	118.02806	14.98622	148.89735
58.888888	200.80341	1000	1.2033688	115.25671	14.474328	148.89735
53.043812	185.80885	1000	1.3028658	114.58824	14.838348	148.89735
58.888878	188.8045	1000	1.3434088	118.84455	14.823788	148.89735
53.587471	197.80888	1000	1.2488315	113.81882	14.235304	148.89833
87.812833	188.8045	1000	1.1837858	118.70887	14.832883	148.89735
55.258419	202.80133	1000	1.1888487	114.8808	14.318848	147.88838
52.887221	200.80341	1000	1.1727882	116.18188	14.852801	148.89735
57.528182	185.80885	1000	1.2184785	117.47886	14.751181	148.89735
52.820033	188.8045	1000	1.2841187	114.74847	14.824341	148.89735
58.411883	204.78888	1000	1.384044	118.54878	15.184825	147.88838
53.821845	188.80782	1000	1.418828	114.84828	14.48788	148.89735
58.873288	202.80133	1000	1.888888	120.88743	14.98828	148.89833
84.813284	188.80782	1000	1.5777457	114.58813	14.284833	148.89735
54.88188	181.81287	1000	1.388884	118.78858	14.888278	147.88838
58.817278	202.80133	1000	1.4121848	117.38221	14.788484	148.89833
51.748323	182.81183	1000	1.4284848	118.88812	14.888138	148.89735
87.587283	198.80782	1000	1.487258	118.28888	14.888113	148.89735
58.37288	200.80341	1000	1.8542888	115.58177	14.81874	148.89833
88.187888	188.80782	1000	1.8888484	120.88888	18.028848	148.89735
82.888888	181.81287	1000	1.8888128	118.01312	14.888388	148.89833
88.888888	284.78888	1000	1.8821888	121.34745	15.034884	148.89735
53.84888	200.80341	1000	1.8813428	118.48773	14.44443	148.89735
87.878788	280.80341	1000	1.8888318	120.48138	14.884488	148.89735
82.82388	188.80782	1000	1.8448888	114.88814	14.888724	148.89735
58.231488	198.80554	1000	1.8821877	121.78823	14.828834	147.88838
53.877825	182.81183	1000	1.8488788	117.04883	14.514518	148.89735
88.78811	288.78822	1000	1.8884878	122.87831	15.148888	147.88838
88.188888	200.80341	1000	1.8881881	117.84813	14.848323	148.89735
53.788428	200.80341	1000	1.8478343	121.88878	14.812884	148.89735
58.821881	194.80888	1000	1.8888888	120.1172	14.888784	148.89735
82.478341	288.78884	1000	1.8788324	120.01847	14.744184	148.89735
87.888811	200.80341	1000	1.7888888	120.88442	14.77133	148.89735
51.888144	188.8045	1000	1.7873344	117.548	14.888837	148.89735
87.83512	200.80341	1000	1.8882728	121.18488	14.811828	147.88838
82.887281	184.80888	1000	1.8483488	117.88888	14.488778	148.89735
87.484888	201.80337	1000	1.8883287	122.88888	14.814152	148.89735
82.878881	187.80888	1000	1.8888183	118.84878	14.281888	148.89833
87.833417	200.80341	1000	2.0878418	123.8488	14.888888	147.88838
57.182828	188.80782	1000	2.0881441	121.12538	14.878174	148.89833
88.044878	188.8045	1000	2.1888887	121.81888	14.212488	148.89735
87.827181	200.80341	1000	2.3883712	125.88318	14.243711	148.89735
54.88137	188.80782	1000	2.3341888	118.45787	14.048481	148.89735
88.817877	200.80341	1000	2.3882881	128.15282	14.813882	148.89833
54.832888	185.80885	1000	2.5481343	118.84188	14.28848	148.89735
88.833878	188.89782	1000	2.4188138	124.88817	14.83154	148.89735
58.408384	200.88841	1000	2.3378728	121.44341	14.881887	148.89735
54.87882	194.80888	1000	2.2388127	125.88523	14.8382	147.88838
58.788884	200.80341	1000	2.3878888	121.88883	14.878488	147.88838
54.287887	182.81183	1000	2.3484288	125.88248	15.812514	148.89735
88.828828	284.78888	1000	2.3788448	121.44882	14.888783	148.89735
84.843788	200.88841	1000	2.3847138	128.82148	14.83324	148.89833
58.114788	280.80341	1000	2.3878882	122.81878	14.428888	147.88838

53.921027	195.80985	1000	2.3684428	125.1661	14.618845	146.89735
57.410076	201.80237	1000	2.5088562	125.73277	14.437194	145.89633
58.770482	204.78826	1000	2.6236703	123.89600	14.213106	144.89602
58.406245	192.81183	1000	2.5098784	128.83758	14.38347	146.89736
52.448673	195.80865	1000	2.6628077	123.03247	14.104123	146.89736
57.773178	196.80782	1000	2.7188818	128.11458	14.740391	145.89833
54.713136	200.80341	1000	2.7284818	122.29758	14.027878	146.89735
54.236482	200.80341	1000	2.7828011	128.23448	14.648857	145.89633
54.848555	196.80684	1000	2.7727289	121.90038	14.170709	147.89639
53.880010	196.80782	1000	2.8002128	127.41138	14.707482	146.89735
59.389882	196.80782	1000	2.8903195	125.23858	14.352887	146.89735
62.220686	193.81073	1000	2.9188128	126.88183	14.387203	146.89633
66.043728	208.80341	1000	2.8810611	124.58714	14.815556	145.89633
54.054888	197.80858	1000	2.9306888	126.34102	14.642737	145.89633
67.846771	195.80865	1000	3.0967303	127.18121	14.688870	146.89735
64.238482	193.81073	1000	3.1348883	129.82188	14.688795	146.89735
57.740087	198.8045	1000	3.1987884	128.47714	14.38378	146.89735
64.930205	196.80782	1000	3.1258374	127.3181	14.268886	146.89736
67.168874	198.80864	1000	3.0937888	130.83822	14.618739	146.89735
58.088051	191.81287	1000	3.2487339	123.88688	14.181448	146.89735
57.888236	196.80885	1000	3.2918148	132.80814	14.832888	147.89838
52.451787	187.80888	1000	3.2882404	124.78317	14.11708	146.89735
57.822887	198.8045	1000	3.4343822	131.72884	14.738887	146.89735
55.088827	200.80341	1000	3.3555018	128.58883	14.318108	146.89735
57.211782	198.8045	1000	3.3783048	132.88841	14.688844	146.89735
63.148888	208.80028	1000	3.3626407	126.73842	13.878416	146.89735
57.930882	182.81183	1000	3.3177328	132.77818	14.552184	146.89735
55.788888	193.81073	1000	3.3188121	129.88883	14.232243	146.89735
58.11384	200.80341	1000	3.2888877	137.88812	14.888883	147.89838
54.774508	196.80782	1000	3.4088872	128.83881	13.888238	146.89735
65.771882	198.8045	1000	3.4444378	137.38885	14.888228	145.89833
65.767754	198.8045	1000	3.4841648	130.18885	14.178828	145.89833
53.853239	200.80341	1000	3.5111318	136.48833	14.477588	146.89735
67.438883	192.81183	1000	3.7884881	133.78842	14.27871	147.89839
69.713888	203.80028	1000	3.8882278	132.84438	14.137431	146.89735
58.708848	204.78826	1000	3.8888884	134.58818	14.648817	145.89633
51.888888	200.80341	1000	3.7888178	134.78827	14.38846	146.89735
58.628702	200.80341	1000	3.7887282	136.84888	14.418883	147.89838
62.881418	204.78826	1000	3.6882288	136.88887	14.271818	145.89633
58.815388	198.8045	1000	3.7738828	137.88882	14.342882	146.89735
52.888874	204.78826	1000	3.7822887	137.40788	14.172828	147.89838
68.888832	204.78712	1000	3.6812788	137.88888	14.278118	146.89736
52.888782	208.78804	1000	3.6887881	137.11883	14.243887	146.89542
67.450241	228.77411	1000	3.7882342	137.88846	14.387342	161.88271
63.12228	240.78154	1000	3.7438887	138.78747	14.828888	163.88875
67.422512	240.78154	1000	3.8243884	140.44888	14.342887	170.87382
58.611879	245.78828	1000	3.8248338	140.18847	13.888488	168.87488
68.835247	240.78154	1000	3.8548404	141.83838	13.782388	168.87587
66.888889	240.78154	1000	4.0748284	142.28747	13.688488	168.87488
66.778802	238.78878	1000	4.1884484	142.78878	13.881813	168.87488
68.824725	238.78257	1000	4.1482782	142.77785	13.838187	168.87587
57.127858	242.78848	1000	4.0588188	143.38888	13.848888	170.87382
68.838881	248.78888	1000	4.0488748	143.13741	13.822388	168.87488
67.107849	244.78732	1000	4.018108	143.8537	13.728843	170.87382
68.888828	243.78842	1000	4.0287888	143.27121	13.727884	171.87284
57.848129	243.78842	1000	4.0417733	142.80487	13.828736	168.87488
56.828408	244.78732	1000	4.0488125	142.20442	13.842887	173.87088
67.11441	251.75	1000	4.0388887	141.88788	13.817453	174.87888
67.848129	251.75	1000	4.033288	141.36881	13.888875	172.87188
68.818782	236.74475	1000	4.1424203	140.38881	13.882438	172.87188
67.881888	232.74888	1000	4.1888341	138.1841	13.781884	172.87188
68.38818	252.74888	1000	4.3128884	138.42331	13.840174	174.87888

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58.815388	253.74782	1000	4.4932248	137.99905	13.850687	172.87186
58.822686	253.74585	1000	4.5233584	137.47785	13.787448	174.87903
58.200806	258.74475	1000	4.4487386	138.23785	13.77385	176.88803
58.025017	255.74886	1000	4.5145736	135.85643	13.85311	174.87903
58.482888	251.74	1000	4.5718702	134.58441	13.872041	174.87903
58.948334	255.74886	1000	4.7061799	133.88008	13.937831	176.88808
58.232449	255.74886	1000	4.7768812	133.71321	13.838183	175.86803
58.238789	255.74886	1000	4.8121915	132.66747	13.773885	175.86803
58.400398	255.74886	1000	4.8344989	132.94477	13.814172	177.86708
58.807798	258.74475	1000	4.8621116	131.9716	13.784034	177.86708
58.776703	280.7408	1000	4.8032056	132.07518	13.721428	177.86708
57.381027	288.74184	1000	4.7883438	131.82066	13.704138	178.8681
58.174301	287.73328	1000	4.7387467	132.00981	13.681321	181.88317
80.384884	287.73328	1000	4.9184874	132.84909	13.808141	181.88317
81.895489	272.73803	1000	4.828015	135.19628	13.59428	182.8822
82.812843	284.73639	1000	4.8937248	136.44288	13.854888	181.88317
83.184882	188.8048	1000	4.8819551	138.81281	13.808870	158.88888
83.738888	280.80341	1000	4.8083864	131.33188	13.874224	148.88735
84.483421	185.80688	1000	5.0088888	131.8728	14.307981	145.88833
82.778108	204.78828	1000	6.0287344	128.57887	14.037541	147.88838
57.571041	188.80782	1800	5.1428488	130.81281	14.401281	148.88735
58.888188	188.80782	1800	5.1738813	123.58374	14.041838	148.88735
83.884614	282.80133	1000	5.1727887	124.80473	14.288305	145.88833
58.803842	204.78828	1000	5.1383873	124.87885	14.288807	148.88735
55.877236	188.8048	1800	8.1488487	120.42887	14.114884	148.88735
53.387745	204.78828	1000	5.2821098	122.48808	14.328181	148.88735
55.78888	203.80028	1000	6.3748784	120.88835	14.201888	148.88735
58.837881	204.78828	1000	5.388888	122.57888	14.808885	147.88838
58.888312	188.8048	1000	5.4143484	120.45887	14.081806	148.88735
58.881188	188.80888	1000	5.4418888	121.00718	14.281568	147.88838
58.888118	188.8048	1000	5.488203	118.75884	14.181888	147.88838
54.831138	188.80782	1000	5.8888436	118.70788	13.852801	148.88735
55.818783	200.80341	1000	5.8828847	121.88218	14.187388	148.88735
55.8004	200.80341	1000	5.8484881	118.28884	13.848833	147.88838
54.728028	200.80341	1000	5.7241888	120.31881	14.118814	147.88838
56.738191	204.78828	1000	6.7822088	117.4888	13.8488821	147.88838
53.888551	212.78888	1000	5.8148888	118.77882	14.18282	151.88288
55.188088	212.78888	1000	5.7888739	117.35881	13.841171	153.88882
53.848738	218.78888	1000	6.7477883	118.38817	14.334785	158.88888
55.704738	223.77888	1000	5.8817887	117.15886	14.000488	158.88758
58.245128	238.78257	1000	5.7888833	118.81217	14.873288	188.87881
58.819782	238.78878	1000	6.88384	117.85171	13.74888	188.87782
54.788881	238.78257	1000	6.8488888	118.20717	13.888888	188.87881
56.784504	244.75732	1000	6.877079	117.80018	13.788211	188.87488
58.884534	244.75732	1000	6.8545181	118.24811	13.588184	188.87887
54.838813	245.78828	1000	5.9847881	113.82134	13.482125	188.87488
58.844488	244.75732	1000	5.8888884	117.44828	13.888888	170.87882
57.183134	248.78184	1000	6.82784	115.8884	13.428408	171.87784
84.888878	244.78732	1000	6.8888888	114.88714	13.348888	170.87882
58.418828	247.78421	1000	6.8144883	118.51744	13.488888	172.87188
58.818202	248.78317	1000	6.838888	115.78884	13.801217	171.87784
85.388882	243.78842	1000	6.8827188	114.84173	13.427798	172.87188
58.828377	248.75317	1000	6.8252323	115.88881	13.508888	172.87188
58.887387	238.74475	1000	6.8848887	114.88887	13.487888	173.87888
58.488813	253.74886	1000	6.8825288	114.27872	13.888834	174.87882
58.874882	255.74886	1000	6.1128875	114.18843	13.588837	174.87882
88.448887	258.74475	1000	6.1888413	113.87847	13.471288	176.88888
58.802138	280.7408	1000	6.1728872	114.88843	13.452838	178.88813
57.538883	288.78288	1000	6.2848888	114.88878	13.482882	178.88813
57.88821	284.73839	1000	6.3383158	115.28881	13.438881	180.88415
58.80188	283.73743	1000	6.3587238	115.72837	13.347888	182.8822
80.413105	271.72888	1000	6.3788801	116.88881	13.228848	182.8822

61.454834	263.73743	1000	8.9805626	118.03642	13.224646	142.8522
62.110536	269.7312	1000	8.8069167	118.55149	13.310674	142.8522
63.033848	256.74164	1000	6.6374116	119.04687	13.335249	179.86513
60.637424	189.8045	1000	6.6911521	116.40785	13.440757	148.88542
55.085024	197.80868	1000	6.9979362	113.84896	13.253656	147.88839
59.390411	200.80341	1000	6.6241817	115.95227	13.285351	145.88833
53.370675	193.81673	1000	6.6427382	110.89370	13.222879	148.89735
57.061378	200.80341	1000	6.8073485	116.45806	13.413866	145.88833
55.501556	191.81287	1000	6.6520309	110.80686	13.465358	148.89735
55.880739	198.80762	1000	6.6708142	113.42546	13.742914	145.89735
56.542389	195.80885	1000	6.7270818	111.89474	13.467483	147.89839
61.208804	197.80868	1000	6.7434649	110.12785	13.594368	145.88833
57.625363	197.80868	1000	6.8733569	113.84896	13.764181	146.89735
62.39838	194.80989	1000	6.8048975	109.87435	13.655143	146.89735
57.553058	204.79825	1000	6.8156781	114.23233	13.919623	147.89839
63.868988	192.81163	1000	6.9085023	108.07694	13.858282	147.89839
57.401765	202.80133	1000	6.8940799	113.03837	13.79252	146.89735
54.882553	204.79825	1000	6.8889941	109.89613	13.913291	146.89735
68.708649	199.80445	1000	7.1170702	112.12668	13.639163	147.89839
54.812815	202.80133	1000	7.0729833	110.33163	13.400889	145.88833
63.810669	208.79904	1000	7.0912478	110.76572	13.608083	146.89735
55.883679	250.80341	1000	7.1528571	111.08283	13.427884	145.88833
52.388238	194.80869	1000	7.1329789	110.32925	13.64385	146.89735
56.507759	198.80445	1000	7.0229537	112.01257	13.580867	146.89735
62.467289	200.80341	1000	7.1958937	109.2841	13.830424	147.89839
66.270519	207.79808	1000	7.1888036	112.49079	13.488767	161.88249
54.841486	215.78772	1000	7.188718	110.11672	13.488424	162.89149
65.723003	224.77832	1000	7.2584582	111.20454	13.583054	160.8837
66.540146	233.76889	1000	7.307862	109.73964	13.372465	163.89076
66.581646	240.78454	1000	7.3012719	109.44468	13.468907	168.89732
65.940071	242.78948	1000	7.403887	110.21309	13.358137	167.89839
65.759606	247.78431	1000	7.4021628	110.27918	13.300863	171.89294
66.678286	248.78317	1000	7.3829445	110.16385	13.204803	171.89294
55.581682	247.78431	1000	7.2918191	110.02408	13.138127	171.89294
56.723003	248.78325	1000	7.39181039	109.80965	13.283718	172.89198
68.21767	247.75421	1000	7.4873748	109.94518	13.181832	172.89198
64.848283	250.7811	1000	7.3800049	109.63888	13.248971	171.89294
66.801812	251.79	1000	7.5883103	110.78388	13.247301	172.89198
68.917374	256.74475	1000	7.80708	109.44561	13.147289	172.89198
64.817288	252.74888	1000	7.5704775	109.0725	13.222614	174.89789
66.281113	248.78317	1000	7.7499132	109.67871	13.289487	174.89703
56.388187	247.78421	1000	7.6858649	109.02322	13.219305	176.88508
56.801742	198.80762	1000	7.7308878	108.31775	13.200884	148.89842
58.063489	196.80885	1000	7.7802544	108.41282	13.147827	146.89735
57.413284	200.80341	1000	7.8302789	109.88905	13.203268	143.88833
58.898068	203.80029	1000	7.8133473	108.62985	13.894048	145.88833
53.898024	203.80029	1000	8.0196791	109.89198	12.896897	147.89839
56.084571	193.81073	1000	8.0704021	109.25616	12.817507	148.89735
54.458405	200.80341	1000	8.0832885	108.39561	12.982533	148.89735
56.902954	200.80341	1000	8.1444884	108.88829	13.127484	148.89735
65.227131	208.79822	1000	8.1514848	107.71732	13.118884	147.89839
54.22206	189.8045	1000	8.221223	107.74886	13.284827	147.89839
66.253686	196.80762	1000	8.2471895	106.30896	13.14506	147.89839
63.884738	193.8046	1000	8.3854968	108.68871	13.108059	147.89839
56.836844	204.79825	1000	8.3068016	107.85118	13.181932	147.89839
55.671802	189.8046	1000	8.3079936	108.80437	13.16788	147.89839
64.618131	198.80762	1000	8.4506484	108.48589	13.136864	147.89839
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53.080287	193.80885	1000	8.5804792	106.64568	13.197825	145.88833
54.81848	202.80133	1000	8.5886139	106.8129	13.081488	148.89735
55.973182	195.80885	1000	8.6752357	107.3206	13.094459	148.89735
52.912635	195.80885	1000	8.84291	106.41241	13.113403	145.88833

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55.484631	198.8045	1000	8.6387318	107.26471	13.278804	146.88735
54.250916	198.8045	1000	8.8551388	106.64832	13.104878	146.88735
55.386197	198.8045	1000	8.8873188	108.02383	13.128266	146.88735
55.781642	202.80433	1000	5.6382617	105.78342	13.004852	147.88838
55.276064	198.80782	1000	8.8108356	106.01789	13.058828	147.88838
55.816537	210.78287	1800	8.8488184	106.46342	13.082513	132.88148
55.884874	222.7804	1000	8.8721818	106.16483	13.032231	135.88688
55.883046	228.77816	1800	8.7118173	106.48101	13.080436	134.88888
58.581779	232.7889	1000	8.8848879	106.40118	13.080278	161.88271
55.81828	240.78454	1000	8.9488882	106.74273	12.988382	184.87878
54.8009	237.78468	1000	8.8848858	106.58798	13.185344	188.87782
68.878848	238.78381	1000	8.8381187	106.82434	13.284328	188.87782
65.281837	236.78875	1000	8.8802853	106.87328	13.120194	167.87888
55.473848	238.78287	1000	8.8387387	106.34887	13.275233	188.87887
56.175549	240.78154	1800	8.9888716	104.54804	13.108888	188.87488
54.318828	240.78154	1000	8.8878288	104.51881	13.181888	170.87882
58.878848	240.78154	1000	8.2215378	106.74254	13.288881	170.87882
55.878315	242.78948	1000	8.2881417	106.81447	13.213888	170.87882
55.882444	248.78317	1000	8.8828124	106.87343	13.183842	171.87884
58.488784	248.78317	1000	8.3288178	106.87787	13.081888	178.87888
55.487888	248.78828	1000	8.3888167	106.43847	13.138883	172.87188
68.288821	288.74478	1000	8.3188237	106.8888	13.088887	175.88888
55.788787	288.74475	1000	8.2388888	106.83888	13.024888	174.87888
55.888318	288.74475	1000	8.2741384	106.83888	13.081884	174.87888
58.448887	288.74888	1000	8.2888887	106.17181	12.887075	178.88888
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58.413284	288.7488	1000	8.4102318	106.88453	12.877287	178.8888
58.488843	288.7488	1000	8.5721121	106.42138	12.854888	180.88418
67.38888	254.73888	1000	8.8107878	106.78311	12.773887	188.88415
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58.888874	288.7488	1000	8.8838878	106.78371	12.885884	188.88415
58.888311	271.72888	1000	8.8887812	107.13888	13.28818	188.8822
68.288828	288.73224	1000	8.8887888	107.28822	12.834442	188.8822
68.5888	272.72883	1000	8.8848881	107.73754	12.88482	188.8822
61.888888	238.74288	1000	8.5518881	107.88841	12.788888	188.88418
68.888888	188.88884	1000	8.8328833	108.23818	12.778448	148.88842
55.288821	188.8845	1000	8.7288881	104.78888	12.83517	147.88838
57.888784	208.88341	1000	8.7188	104.87848	12.818888	148.88735
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57.782133	203.88828	1000	8.8888733	106.88881	13.188288	148.88735
52.778812	188.8845	1000	8.8788883	104.87384	12.87813	148.88735
58.788348	188.88782	1000	8.7441872	107.15382	13.234827	148.88735
53.88871	208.88341	1000	8.8888883	103.88882	13.221788	148.88833
58.8888	187.88888	1000	8.8348547	106.88488	13.088877	148.88735
65.888787	204.78828	1000	8.8818843	105.118	12.888184	148.88735
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58.781842	282.88183	1000	8.84345	105.44388	12.888888	147.88838
53.888824	187.88888	1000	8.9881234	108.05742	12.884888	148.88735
58.888817	203.88828	1000	8.8788884	108.88287	12.823383	148.88735
58.888745	201.88237	1000	8.101848	106.242	12.84442	147.88838
58.138884	208.88341	1000	8.187881	108.18748	12.888727	147.88838
53.437881	208.88341	1000	8.144828	106.88878	12.831888	147.88838
58.888888	184.88888	1000	10.288781	106.48888	12.884288	148.88735
58.387888	188.8845	1000	10.842287	106.88283	12.777483	147.88838
58.041888	204.78828	1000	10.34184	107.31551	12.784841	145.88833
58.281837	184.88888	1000	10.813871	108.18432	12.744442	148.88833
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55.487888	188.88782	1000	10.884387	107.78788	13.088888	148.88735
58.888822	288.78712	1000	10.723838	108.38888	12.948875	168.88348
58.888888	223.77838	1000	10.738728	107.85833	12.781787	157.88833
53.888431	231.77884	1000	10.848873	107.88443	12.882387	162.88173
55.451788	240.78154	1000	10.717778	108.51188	12.823738	167.87888

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56.456643	248.75317	1000	10.826538	107.39211	12.717897	169.87409
55.969304	238.78267	1000	10.883216	107.90149	12.889083	170.87362
56.809509	254.74589	1000	10.839778	107.89912	12.790881	173.87089
55.16396	252.74896	1000	10.808399	107.74771	12.808617	174.87003
58.190889	251.75	1000	10.701878	108.28015	12.800788	173.87098
56.340693	256.74886	1000	10.788639	108.96823	12.845318	175.86903
56.21767	256.74686	1000	10.762304	107.87281	12.829104	176.86806
68.42806	257.74371	1000	10.891168	107.73815	12.567327	178.86961
58.867402	263.73743	1000	10.973357	108.02367	12.639476	179.86913
57.116889	258.73224	1000	10.884673	108.4888	12.642289	180.86816
68.886893	283.78743	1000	11.097486	108.86058	12.580693	180.86815
58.763816	281.73858	1000	11.208877	108.85831	12.283555	181.86317
68.986034	270.7301	1000	11.314351	108.89127	12.223781	183.86122
59.631256	264.73639	1000	11.391994	108.87617	12.186318	183.86122
60.074428	263.73743	1000	11.342336	108.78182	12.246822	186.86415
60.22324	283.73743	1000	11.378481	108.43187	12.331182	179.86813
60.413106	263.73743	1000	11.313788	108.40866	12.407839	188.86415
60.664936	282.73828	1000	11.338214	108.855	12.484841	179.86813
60.867064	287.79888	1000	11.321839	108.98833	12.833837	153.88062
57.387228	204.79828	1000	11.31577	108.41524	12.417486	147.88859
68.079174	185.80885	1000	11.378674	104.82182	12.282428	147.88839
57.293881	185.80885	1000	11.336773	108.87258	12.814802	148.88735
68.828821	182.81183	1000	11.391088	108.78473	12.44824	148.88735
53.482108	197.80885	1000	11.448311	104.94071	12.818823	147.88830
57.487297	198.8045	1000	11.487905	107.18078	12.803983	148.88735
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55.909134	202.80133	1000	11.688982	106.1091	13.114113	146.88833
52.640481	200.80341	1000	11.880203	105.87787	13.12857	148.88735
56.133294	185.80885	1000	11.780711	107.58882	13.143883	148.88833
54.317875	200.80341	1000	11.880552	106.58841	12.94618	147.88839
65.723003	188.80782	1800	11.787188	108.89173	12.880883	148.88735
56.158839	202.80133	1000	11.878704	107.21124	12.71451	148.88736
55.884718	196.80885	1000	11.848883	107.40488	12.801838	148.88735
68.091708	198.80782	1800	12.021482	108.18804	12.80335	148.88735
56.041656	200.80341	1800	12.028884	108.81343	12.845301	148.88735
56.048984	204.79828	1800	12.031085	108.87334	12.45881	148.88735
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55.948334	200.80341	988.72473	12.082778	110.48888	12.883484	148.88833
56.025017	204.79828	1000	12.16314	110.82341	12.442082	147.88839
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55.873182	227.77815	888.34824	12.188348	108.21088	12.388018	163.88076
68.039574	257.78486	888.82418	12.187824	107.17822	12.230888	187.87888
58.084115	240.78184	887.88358	12.222846	106.08805	12.164847	187.87888
65.942136	244.78732	887.3327	12.218088	105.02074	12.154384	188.87488
65.880318	231.75	888.83311	12.888818	108.87248	12.145438	170.87382
66.898276	266.74886	887.88813	12.388032	108.57357	12.21417	173.88883
55.884874	251.75	887.78182	12.382884	107.0888	12.384488	174.87003
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55.851574	256.74588	885.73851	12.440782	108.78783	12.288887	175.88883
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57.429438	286.73836	888.0708	12.647202	108.52384	12.270167	184.88024

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58.336185	272.72893	998.94008	12.887242	109.00489	12.043035	185.89927
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59.878285	193.81973	995.73951	12.932343	107.87893	12.083828	148.89735
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59.487686	208.80341	992.24538	12.953991	108.29134	12.010228	148.89639
60.542641	208.80841	991.39713	12.879609	108.27821	12.030896	147.89639
59.555557	198.8045	990.45418	12.865414	108.61455	11.848421	148.89735
59.587588	195.80885	990.87009	12.901818	108.57881	11.841054	147.89639
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60.404137	208.79504	998.34824	14.138899	107.85725	11.781463	180.89348
60.31138	226.77722	997.89884	14.041862	108.22888	11.883704	181.88271
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60.888368	328.68837	998.38189	14.288388	121.383	12.442753	212.83329
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60.28417	338.68101	994.87325	14.388836	128.38188	12.988374	220.82508
60.880713	343.68889	994.83888	14.416771	138.43807	13.24821	222.82318
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70.934167	382.80236	983.87821	14.843431	173.78798	14.673851	248.7997
70.910089	388.58614	982.72455	14.908288	187.68942	15.016319	246.7997
70.843231	382.80238	983.38013	14.929022	183.00488	15.452824	246.80089
70.803778	384.80022	983.26058	14.898825	158.4146	15.4734	247.79874
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70.385881	408.58557	980.71582	15.1645	158.1892	15.284868	253.79286
70.282376	415.57826	980.26885	15.124477	163.52177	18.27588	257.78887
69.988827	418.57721	982.07788	18.168842	171.41483	18.52828	288.78702
69.764175	418.57721	980.88110	18.122009	183.85038	18.887771	260.78804
69.638147	422.57092	981.69702	18.078884	197.22305	18.806101	260.78804
69.587838	428.58877	980.30827	18.11032	220.1818	18.288688	284.78214
69.718748	432.58049	980.68283	18.188805	244.28046	17.028878	284.78214
69.88388	428.58877	980.28878	18.223158	282.8882	17.882109	286.78118
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71.044128	488.53834	978.88335	18.588448	318.42216	20.803139	278.78848
70.971831	488.53834	978.88888	18.687077	317.71987	20.888888	280.78881
70.888877	488.53832	978.88389	18.687323	318.17987	20.840723	282.78488
70.447838	458.5332	978.48888	18.887872	308.40002	21.12849	283.78355
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69.988818	471.51885	975.8878	18.8381	288.18148	21.288889	283.78889
69.983821	475.51538	974.28383	18.814888	288.13884	21.388489	288.7887
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70.181888	472.51885	975.88310	18.888872	281.7888	22.087388	287.78887
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70.01818	487.48243	971.27882	18.887811	214.28214	22.888887	288.74788
70.032884	502.48718	971.40881	18.8541	208.84022	23.178878	388.74688
70.018738	502.48718	970.38571	18.822888	208.88888	23.308122	301.748
69.88817	504.48888	988.88381	18.881884	204.34284	23.518748	382.74583
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69.882887	628.48828	988.71722	18.12882	214.72884	24.818213	312.73823
69.888288	628.48824	970.38282	18.222174	228.77283	24.088838	317.73838
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69.883888	627.48884	987.28884	18.288315	284.28488	24.288117	318.7284
69.838811	632.48875	988.08884	18.277281	280.71838	24.288554	318.7284
69.787231	638.48284	987.13448	18.341884	328.87433	24.344513	321.72847
69.888817	638.48154	988.08882	18.433882	338.87111	24.428888	321.72847
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69.788884	637.4888	988.88887	18.634279	348.38121	24.478888	323.72448
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64.308888	202.80133	887.41888	18.717148	288.83885	14.384813	148.88735

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57.088815	363.84519	957.07214	18.018581	117.01882	10.828234	223.82217
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55.878881	388.80888	958.78328	18.088151	128.28883	13.888151	242.8036
57.448388	392.80238	958.04875	18.188242	142.01841	15.235728	247.78874
58.138834	398.80814	958.17488	18.148838	164.77147	16.878388	248.78778
58.238113	404.88878	954.0181	18.141881	187.83882	18.188888	248.78878
58.888381	411.88848	954.15383	18.138887	218.88888	18.388132	255.78881
58.121117	414.87883	953.31088	18.082102	248.45138	18.888248	288.78788
58.738448	427.88887	952.48228	18.088122	271.78887	18.888871	284.78214
70.874358	440.83212	952.88478	18.088348	277.72882	17.088812	270.77825
70.478178	444.84888	951.82731	18.188888	278.18827	17.874213	270.77825
70.14883	445.84888	952.48884	18.148818	278.78128	18.888121	278.77138
80.818784	452.83888	952.84788	18.124443	272.32882	18.478887	278.77138
88.523188	451.84888	953.88888	18.188222	288.2244	20.48882	278.77138
88.525343	451.84888	953.28831	18.21843	287.87884	20.778181	278.77138
88.888884	480.83113	953.83879	18.314788	248.41774	20.888382	278.78748
88.84482	484.88888	952.45278	18.287731	237.88884	20.888887	278.78748
88.708835	488.8248	951.24787	18.282388	227.1883	21.848814	288.78183
88.728477	471.81888	950.8787	18.228888	215.87884	21.278887	287.78887
88.788388	472.81888	948.78351	18.288882	208.88888	21.438887	288.78888
88.828323	475.81888	948.82738	18.438888	198.81823	21.44182	288.78887
88.838353	477.81331	950.3184	18.811314	198.18224	21.888101	288.78887
88.888738	480.81019	950.81783	18.558442	183.22432	22.804888	288.78887
88.801538	478.81123	950.43338	18.888011	184.81287	22.888713	288.78881
88.8358	485.808	950.84883	18.738847	187.38824	22.888783	288.78881
88.808229	487.80287	948.38732	18.714881	287.78878	22.448182	288.78881
88.77828	480.48878	948.31888	18.784888	228.13271	22.888886	288.78881
88.738443	483.48888	948.88188	18.838258	288.18888	22.88145	300.74888
88.888884	502.48718	948.38888	18.888888	287.87101	22.718838	288.78881
88.882818	503.48888	948.57888	18.812188	318.88848	22.787153	302.74888
88.782108	508.47888	948.77884	18.828888	322.88848	22.801781	305.74887
88.782848	508.47888	948.82333	18.828834	317.8881	22.87888	304.74887
88.77018	513.47888	948.31818	18.878341	387.82224	23.883288	308.74109

69.810158	517.47144	948.81506	18.000673	206.23888	23.231983	309.73819
69.86171	521.46728	948.3504	19.091816	279.20284	23.321707	312.73523
69.880872	528.48204	947.67536	19.078455	262.49826	23.421013	315.73231
69.870872	528.48204	947.8334	19.191528	245.19421	23.612728	314.73331
69.872658	524.48411	947.23431	19.288098	231.14049	23.730575	318.73135
69.815102	528.46988	947.6814	19.278009	217.80281	23.768468	318.7294
69.826888	535.45284	947.0791	19.337727	207.39267	23.833218	318.7294
69.834137	538.44843	947.05888	19.35808	198.68698	23.873105	321.72647
69.86087	539.44843	947.42712	19.401291	197.82112	24.028473	323.72448
69.838127	544.44318	948.8008	19.478422	200.18331	24.059162	324.72351
69.804405	539.44843	948.68183	19.502344	209.82385	24.111313	321.72847
70.074295	288.78504	945.80479	19.557846	227.96882	22.92017	155.88858
68.184778	206.78712	945.77844	19.582475	218.83082	15.828831	147.88838
60.40883	188.80554	945.78851	19.549181	200.18653	11.938701	147.88839
55.882123	188.80782	945.84088	19.581884	178.12727	10.280275	148.88735
52.886789	187.80658	948.08427	19.495881	157.22414	8.3625846	148.88735
52.888888	202.80198	944.71285	19.888888	141.80482	9.0288887	148.88735
51.487388	188.8045	943.94348	19.83233	128.88778	8.8410883	148.88735
50.488888	206.78712	943.28885	19.788228	121.47578	8.8188245	148.88735
48.088814	188.8845	941.88887	19.784573	115.87488	8.7872891	148.88735
48.188831	200.80341	941.88882	19.88882	111.87474	8.8127422	148.88735
48.81585	182.81183	940.38878	19.888297	111.88728	8.8411875	148.88735
48.488218	208.78712	938.8888	19.878874	112.01488	8.8043281	148.88833
48.475182	200.80341	938.87708	19.889388	113.13221	8.7188785	147.88838
48.887183	188.80554	940.52771	20.022202	117.88487	8.8388838	148.88735
48.282848	200.80341	938.31888	20.14848	124.82218	8.7883727	147.88838
48.811472	188.8046	938.81372	20.142708	132.8088	8.8350951	148.88735
48.888887	204.78928	938.01721	20.154749	142.78248	8.7382917	148.88735
47.888428	188.8045	938.8717	20.288232	158.83771	8.7823488	147.88838
48.812337	188.80885	937.83149	20.301168	158.14888	8.8841778	148.88833
48.788881	188.80888	938.03886	20.288458	142.48173	8.8712284	148.88735
47.388221	188.80885	935.53247	20.249142	132.4888	8.8658238	148.88735
48.847252	188.80782	935.28278	20.307812	125.18878	8.8331327	148.88735
48.715888	182.81183	936.2282	20.318848	121.18887	8.7448747	148.88735
48.388833	200.80341	937.88732	20.315181	122.58888	8.8788842	148.88735
51.370007	184.80988	938.78844	20.38818	138.87887	8.957285	148.88735
60.388817	204.78928	938.08882	20.38882	142.82848	8.8045288	148.88735
51.878888	206.78712	938.04382	20.388307	148.82788	8.8346218	148.88735
51.888882	188.80782	938.78847	20.418884	144.8032	8.8888888	148.88735
52.184842	182.81183	937.83285	20.472441	135.27388	8.8874484	148.88735
51.8888721	233.78888	937.30842	20.528879	127.55788	8.8828202	148.88735
51.241887	301.88788	938.88223	20.888882	121.28735	8.9888849	148.88735
50.818128	323.87482	938.88237	20.87788	121.88787	8.9888751	218.88483
54.1887	326.88784	934.28882	20.581434	138.18817	8.1091882	228.88324
60.881414	387.82884	935.88878	20.888887	153.88218	10.713884	238.88184
64.0718	388.81483	935.84885	20.78851	203.88251	12.882486	238.88833
68.507842	382.88288	933.82275	20.784881	258.78888	14.288737	248.88888
68.447258	408.88771	934.18888	20.788288	273.88883	15.478439	252.78888
67.888287	408.88433	933.27888	20.788781	285.81888	15.842883	255.78881
68.888888	418.87825	933.85471	20.83578	244.44228	18.278881	267.78887
70.888818	421.87202	931.85188	20.887878	222.88731	18.274878	281.78888
70.784818	436.88827	931.88882	20.822712	201.28828	18.387488	288.78818
70.440188	431.88152	931.88888	20.887888	185.28882	18.888872	271.7758
70.12822	443.84885	930.48888	20.888458	174.31888	17.284481	271.7753
68.888335	447.84474	930.88885	21.084774	171.12213	17.884888	275.77138
68.812744	452.83885	829.82387	21.088884	181.48288	18.821288	275.77138
68.772381	453.83845	828.15783	21.174541	208.4424	18.857228	278.77038
68.888888	464.82888	927.82842	21.147345	257.57138	20.174345	282.78888
70.088887	485.82888	928.83888	21.18785	308.28514	20.882882	288.78888
68.882737	474.81848	927.48888	21.248885	329.18488	21.881732	288.78888
68.78888	478.8144	928.88818	21.28882	322.88842	21.188453	288.78888
68.821545	478.8144	929.88785	21.388888	305.31487	21.328888	298.78888