

Supporting Information

The Rhodium Riddle: Computational Insights into Competitive β -hydride vs β -Fluoride Elimination

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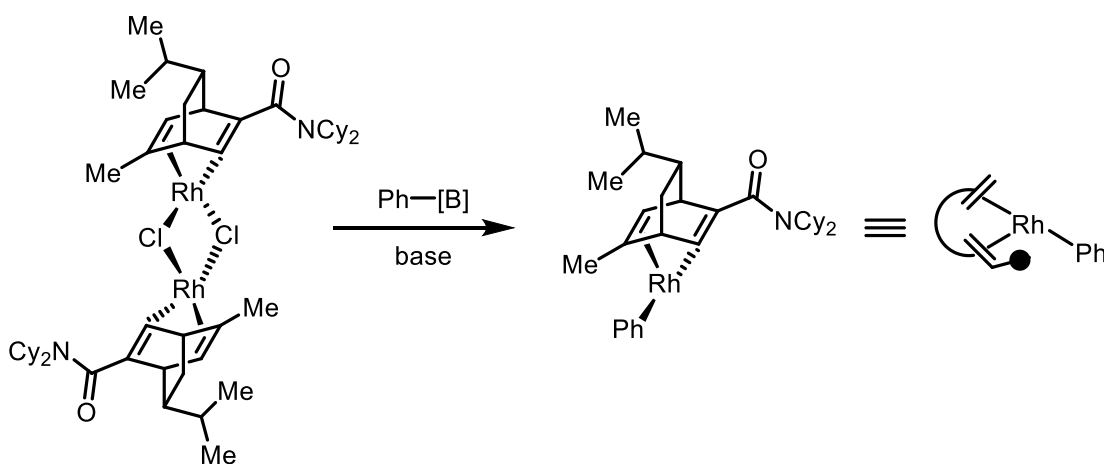
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1. Additional Figures and Reaction Profiles

The defluorinative α -arylation reaction developed by Lautens in 2018¹ utilized a C₂-symmetric rhodium(I) dimer as the precatalyst. However, the chiral ligand itself is C₁-symmetric and thus, the active catalyst upon breaking of the dimer via reaction with an organoboron reagent and base, is a C₁-symmetric rhodium(I) species (**Figure S1a**). The acrylamide substrate could exist in either the *s-cis* or *s-trans* conformation (**Figure S1b**). In the defluorinative α -arylation report, reaction progress kinetic analysis (RPKA)² revealed that product inhibition was occurring. For this reason, we selected the *N*-cyclopropyl- β -trifluoromethyl acrylamide as the substrate for our computational model as it was one of the highest yielding substrates, presumably due to minimal inhibitive effects observed in the product.

a) Breaking of the C₂-symmetric rhodium(I) dimer



b) Possible acrylamide conformations

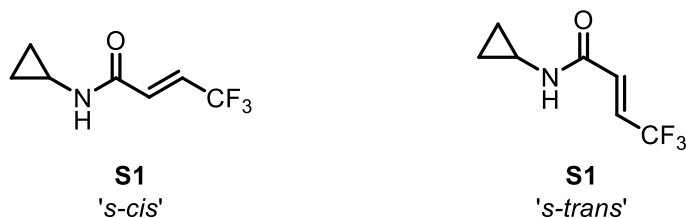


Figure S1. (a) Speciation of the rhodium(I) catalyst reported by Lautens in 2018 and (b) possible substrate conformations.

Since the chiral catalyst is C₁-symmetric, binding of the substrate is possible at one of two enantiotopic faces, and could be *cis* to either of the olefins belonging to the chiral ligand, and the substrate could be in either the *s-cis* or *s-trans* conformation, resulting in 8 different encounter complexes for the migratory insertion reaction (**Figure S2**).

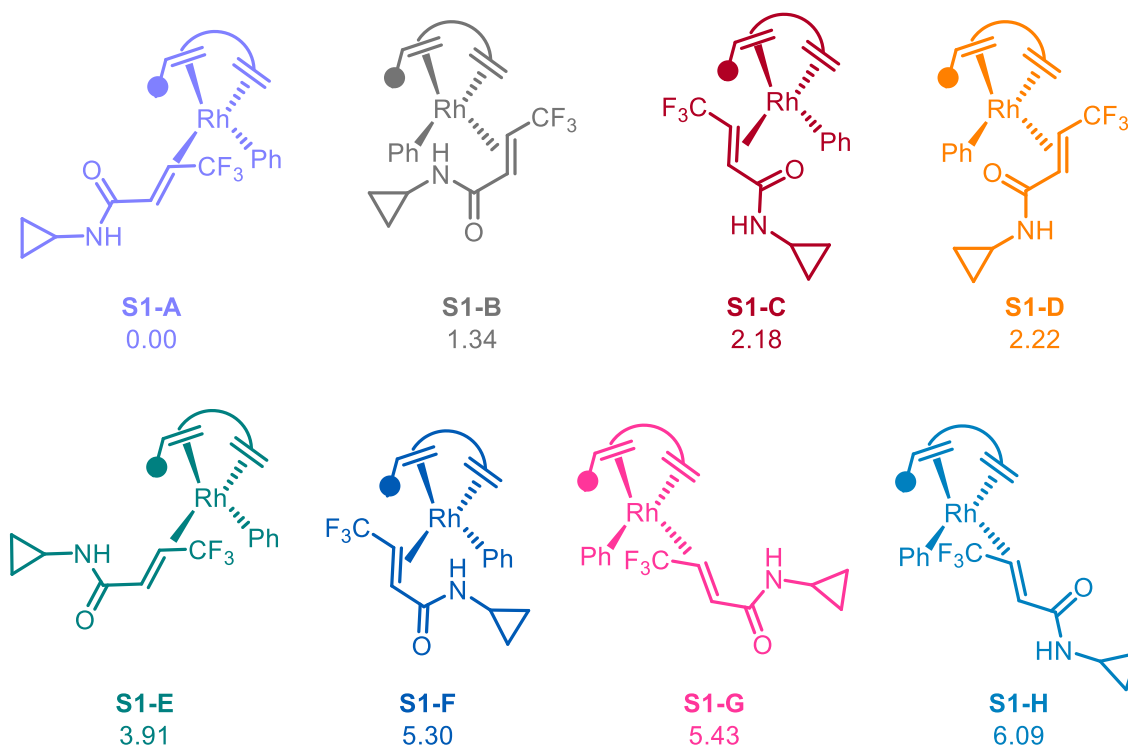


Figure S2. Possible binding modes of the secondary acrylamide to the C₁-symmetric rhodium catalyst.

For the analysis of this reaction mechanism, all energies have been referenced to the lowest energy encounter complex **S1-A** (**25** in the manuscript), which has the phenyl group *trans* to the methyl-substituted olefin ligand and the acrylamide is in the *s-cis* conformation. The highest energy conformation **S1-H** (**26** in the manuscript) has the phenyl ring *cis* to the methyl-substituted olefin ligand and the acrylamide is again in the *s-cis* conformation. Migratory insertion from **S1-A**, **S1-B**, **S1-D**, and **S1-E** would lead to the opposite enantiomer compared to the one that is observed experimentally and insertion from **S1-C**, **S1-F**, **S1-G**, and **S1-H** would yield the observed enantiomer.

The eight transition states corresponding to each encounter complex **S1-TS-A** – **S1-TS-H** are shown in **Figure S3** and the reaction profiles are displayed in **Figure S4**. At

10.4 kcal mol⁻¹, **S1-TS-H** (**26-TS** in the manuscript) is the lowest energy transition state and corresponds to the encounter complex **S1-H**, which had the highest energy. **S1-TS-H** leads to the observed enantiomer and is 3.9 kcal mol⁻¹ lower in energy than **S1-TS-D**, which is the lowest energy enantiomeric transition state, in excellent agreement with the experimental observations.

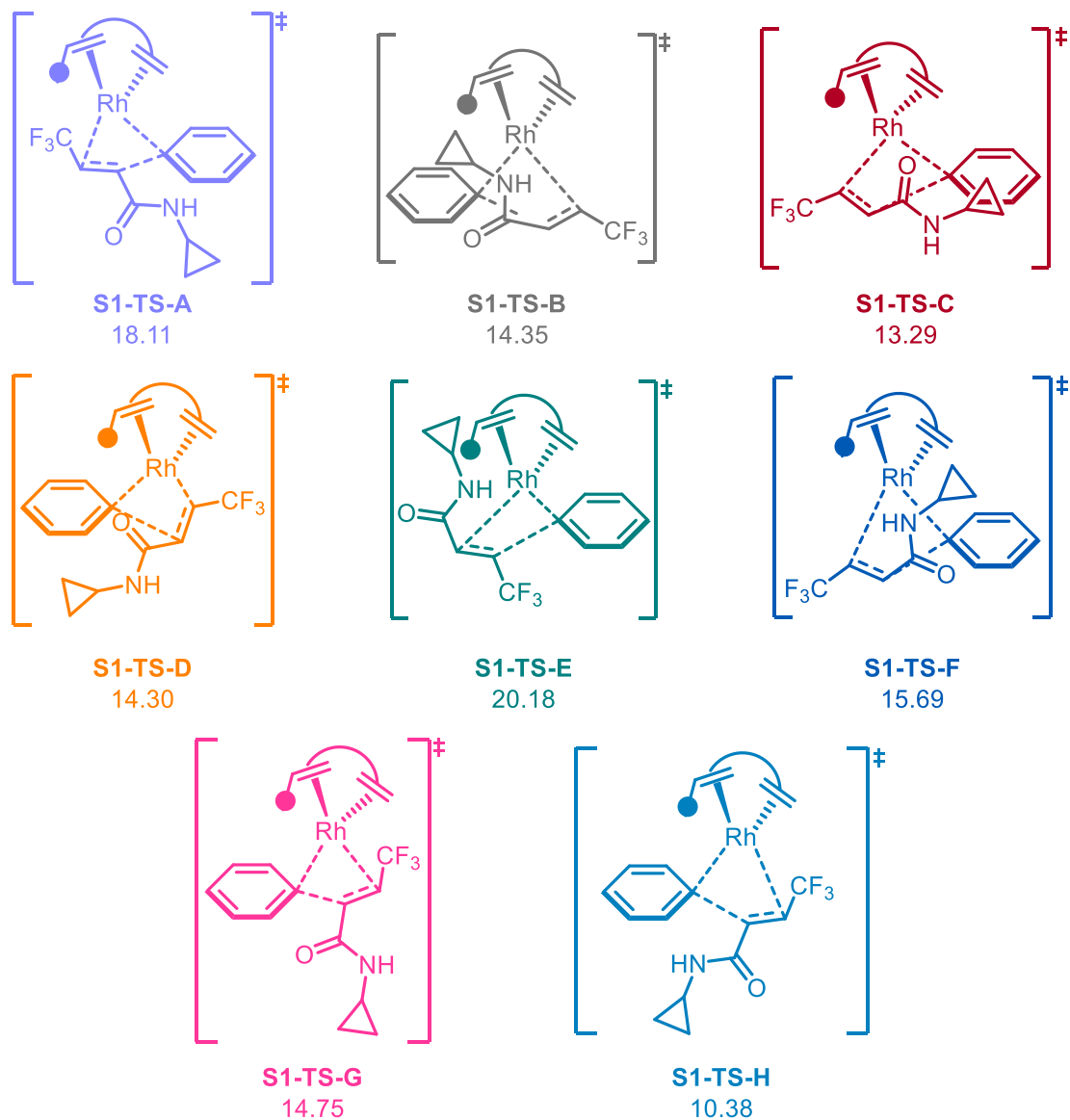


Figure S3. All possible transition states for the migratory insertion step in the defluorinative α -arylation reported by Lautens in 2018.

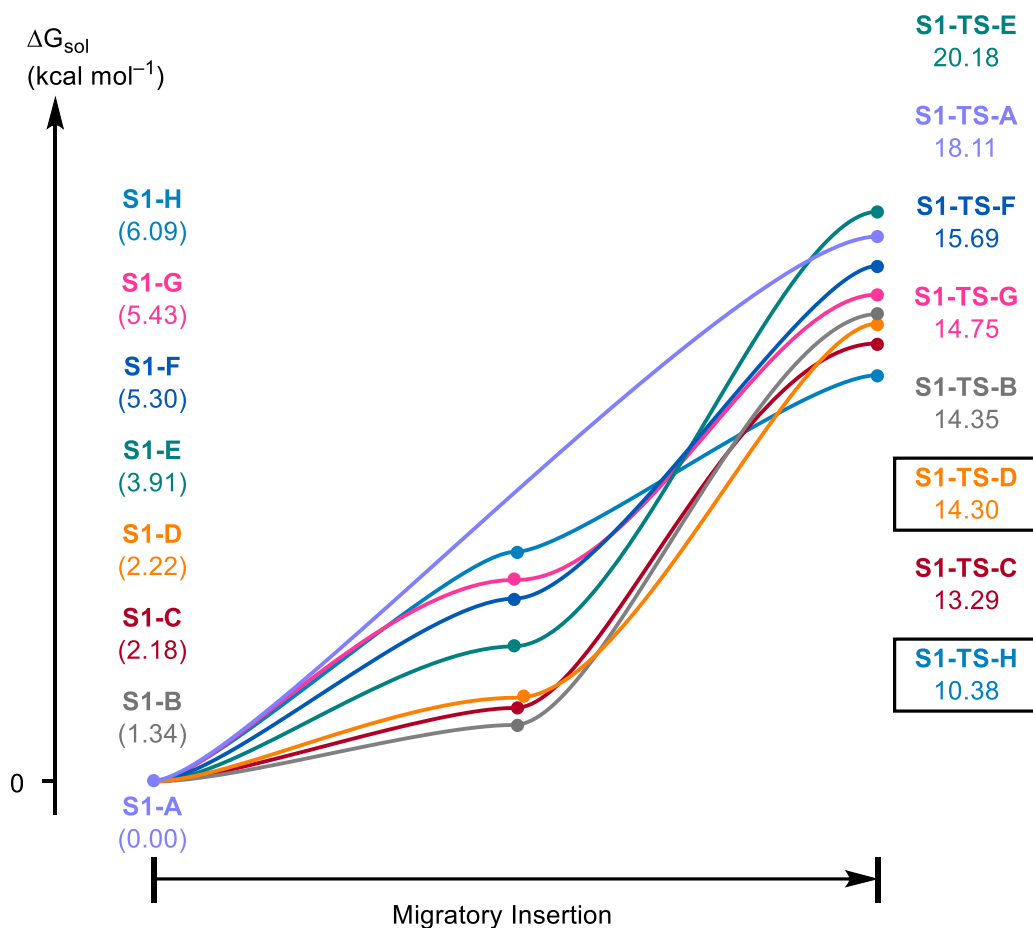


Figure S4. Reaction profile for the regio-reversed migratory insertion of secondary acrylamides. The surface does not include transition states required to undergo rearrangement from **S1-A** to the other possible conformations.

2. Computed Energy Components

Table S1. Computed energy components from DFT-optimized structures.

	E(SCF) eV cc-pVTZ(-f)	ZPE kcal mol ⁻¹	S cal/mol 6- 31g(d,p)/LACVP	G(solv) kcal mol ⁻¹
1	-22792.879	158.507	122.527	-3.09
2	-525777.943	157.708	119.293	-1.7
2-TS	-22792.844	155.91	122.213	-1.75
3	-22793.004	158.328	124.176	-1.53
3-TS	-22792.537	157.508	123.501	-2.29
4	-22792.883	156.835	125.11	-1.9
5	-22792.98	158.138	125.522	-3.48
6	-35360.688	259.793	172.037	-2.73
6-TS	-35360.422	259.562	166.361	-2.49

7	-35361.559	260.856	164.726	-2.21
8	-35360.949	260.52	168.88	-3.05
9	-35360.746	260.74	170.258	-2.63
9-TS	-35360.574	260.019	167.831	-3.39
10	-35360.813	260.579	175.174	-4.51
11	-35361.012	259.653	172.135	-3.1
11-TS	-35360.258	257.516	166.174	-2.95
12	-35360.754	258.704	168.517	-2.67
13	-35361.156	259.802	162.574	-2.74
13-TS	-35360.859	257.702	166.956	-2.68
14	-35360.879	258.746	169.7	-2.73
15	-82170.88	467.878	287.284	-11.51
15-TS-(R)	-82169.91	466.312	284.959	-10.61
15-TS-(S)	-82170.5	467.299	283.187	-11.27
16	-82171.7	468.437	289.58	-11.77
17	-82171.27	467.291	282.494	-11.71
17-TS	-82171.09	464.995	286.506	-10.84
18	-82171.23	466.077	293.488	-11.01
19	-82170.92	467.546	296.55	-11.61
19-TS	-82170.31	466.017	285.706	-12.6
20	-82170.83	467.074	297.178	-13.96
25	-58439.773	529.721	262.489	-11.37
26	-58439.336	529.643	261.665	-15.55
26-TS	-58439.176	528.734	264.97	-12.94
27	-58440.234	530.353	265.549	-14.88
28	-58439.734	530.562	255.864	-12.38
28-TS	-58439.316	529.5	256.784	-13.59
29	-58439.707	529.826	260.898	-15.18
27-TS	-58439.449	527.204	263.924	-12.68
30	-58439.582	528.014	258.987	-12.4
31	-58439.723	528.537	263.392	-12.58
31-TS	-58439.063	527.392	257.454	-13.09
32	-58439.508	529.399	267.741	-13.41
33	-58439.574	530.195	257.056	-10.3
33-TS	-58439.129	529.47	256.885	-12.49
34	-58439.324	530.173	265.38	-13.73
35	-82170.91	465.871	295.593	-11.28
35-TS	-82170.81	464.917	289.196	-11.55
36	-82171.17	467.477	294.845	-11.55
37	-82171.18	467.988	295.867	-9.62
37-TS	-82170.89	467.108	283.875	-10.89
38	-82171.13	467.53	290.982	-13.59
S1-B	-58439.629	529.654	264.798	-12.51
S1-C	-58439.523	529.586	264.241	-14.24
S1-D	-58439.574	529.738	263.258	-13.5

S1-E	-58439.535	529.803	263.432	-12.72
S1-F	-58439.523	529.724	258.929	-13.02
S1-G	-58439.441	529.542	262.214	-13.51
S1-TS-A	-58438.883	528.79	257.451	-14.53
S1-TS-B	-58439.031	529.209	261.348	-14
S1-TS-C	-58439.125	529.293	261.769	-12.84
S1-TS-D	-58439.043	529.279	260.425	-14.15
S1-TS-E	-58438.859	529.431	257.621	-13.6
S1-TS-F	-58439.039	529.41	259.126	-13.42
S1-TS-G	-58438.996	529.015	261.975	-14.01

3. Vibrational Frequencies for Optimized Structures

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44.89	69.17	99.26	121.55	149.95	161.88
183.44	206.16	220.81	228	246.54	253.79
280.49	295.92	339.6	373.75	426.06	429.58
479.1	488.6	495.94	555.74	567.48	619.76
649.1	687.5	698.63	761.11	799.27	816.48
825.87	861.12	873.61	883.11	906.97	942.59
972.29	991.52	1001.5	1011.99	1017.74	1022.37
1068.46	1096.69	1103.28	1105.15	1173.02	1191.64
1197.53	1213.59	1222.55	1246.73	1258.35	1267.58
1277.96	1339.09	1350.22	1367.16	1370.46	1374.59
1409.32	1416.09	1418.96	1480.24	1489	1494.72
1496.47	1508.54	1516.26	1532.45	1578.91	2945.66
3001.11	3010.65	3021.3	3052.78	3060.33	3063.13
3069.28	3082.12	3092.46	3102.86	3114.62	3115.95
3140.51	3172.17	3207.32			

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14.61	45.4	80.22	99.09	132.91	160.45
181.98	222.79	227.41	238.18	250.09	261.56
283.55	297.04	336.08	374.52	421.08	431.58
471.47	494.72	496.79	556.46	563.05	635.42
643.26	685.87	697.17	761.23	793.09	807.55
828.07	857.69	870.6	872.66	906.12	906.9
973.49	990.48	1005.48	1009.33	1014.24	1019.2
1075.64	1091.29	1097.99	1100.33	1138.28	1180.21
1192.46	1210.9	1221.58	1255.58	1260.89	1271.14
1273.26	1338.84	1349.79	1370.85	1374.91	1375.65
1406.76	1415.36	1424.98	1459.86	1484.94	1488.65

1507.08	1517.25	1524.12	1532.09	1576.39	2501.37
3002.22	3006.74	3052.77	3058.96	3066.25	3067.25
3082.96	3090.77	3100.87	3118.19	3126.4	3143.35
3150.64	3152.84	3184.57			

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2-TS

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-527.35	38.55	39.79	88.44	111.89	153.45
159.35	191.98	222.08	235.69	250.86	270.68
308.96	315.08	348.63	390.74	408.78	438.99
458.32	490.61	503.22	536.01	556.96	573.63
633.07	646.99	689.29	698.91	764.68	778.41
806.19	835.52	843.89	871.9	874.75	887.14
909.51	943.29	988.3	995.4	1008.39	1015.58
1022.91	1084.35	1099.93	1103.83	1122.4	1155.75
1183.29	1194.32	1214.81	1224.02	1228.4	1260.39
1269.38	1280.24	1284.21	1341.08	1352.63	1376.8
1380.76	1414.23	1422.73	1425.69	1484.97	1487.81
1507.84	1515.92	1533.92	1562.8	1582.32	1970.03
3003.27	3005.14	3055.69	3060.91	3066.29	3069.56
3093.06	3105.26	3143.11	3149.77	3161.67	3169.32
3172.42	3207.92	3225.46			

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31.89	50.33	68.51	103.29	154.95	173.02
183.88	226.94	230.95	240.62	250.71	258.11
290.41	298	345.5	376.88	422.94	437.04
475.29	487.56	498.89	548.39	571.33	609.82
622.77	689.32	700.21	762.19	795.61	800.09
826.3	859.09	874.15	880.66	908.42	939.44
974.76	991.39	1003.8	1016.82	1017.46	1019.6
1033.54	1098.89	1101.63	1118.37	1123.63	1190.56
1193.73	1212.1	1223.24	1253.87	1262.54	1273.15
1274.6	1340.65	1351.72	1371.8	1374.56	1376.32
1406.19	1417.01	1420.61	1482.14	1490.39	1497.21
1507.7	1510.68	1518.68	1533.85	1581.91	2992.52
3003.06	3020.44	3025.98	3044.91	3052.72	3054.53
3062.38	3083.74	3091.12	3094	3117.79	3121.59
3128.65	3143.39	3156.48			

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3-TS

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-304.01	31.99	57.25	101.46	113.54	153.67
165.26	181.66	186.56	204.82	243.77	259.71
278.36	286.66	326.16	343.78	350.23	387.73
441.92	468.37	481.36	502.52	504.91	575.07
585.69	648.85	696.1	701.22	774.54	801.3
811.91	826.87	859.45	864.53	876.21	886.71
909.01	979.75	989.38	1005	1017.96	1018.89
1028.7	1078.82	1097.68	1100.45	1104.68	1190.31
1209.97	1222.09	1253.61	1261.01	1271.2	1274.09
1337.2	1347.89	1369.31	1372.78	1384.61	1403.43
1413.96	1437.38	1486.51	1490.05	1502.91	1504.04
1509.01	1521.79	1533.43	1544.47	1553.33	3005.25
3010.63	3027.41	3054.75	3060.5	3065.54	3069.82
3092.33	3102.16	3102.35	3123.18	3136.31	3145.59
3151.44	3162.41	3163.73			

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20.57	40.88	89.12	112.64	140.82	158.05
166.95	210.65	220.61	236.87	248.29	272.62
312.46	337.12	377.2	398.62	432.13	454.23
482.47	485.6	543.48	555.49	563.58	599.42
631.29	688.31	693.24	762.32	775.53	802.09
808.22	829.39	839.95	872.09	874.05	877.06
909.91	933.11	991.95	995.52	1012.35	1016.56
1019.24	1025.46	1056.77	1100.03	1108.35	1164.19
1176.75	1196.02	1216.56	1226.01	1257.34	1261.1
1272.48	1283.32	1290.84	1341.69	1353.4	1378.45
1384.02	1415	1425.41	1435.86	1483.92	1486.95
1508.07	1533.84	1550.45	1550.75	1599.26	2029.39
3003.39	3007.65	3057.11	3062.59	3066.5	3071.06
3094.61	3106.54	3157.87	3163.72	3169.83	3178.94
3179.68	3231.72	3252.92			

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35.74	75.4	92.06	138.69	146.28	163.8
167.1	188.87	199.1	212.48	230.93	248.32
262.93	267.76	293.63	323.45	334.38	373.7
420.39	467.17	480.77	505.72	537.09	569.51
580.47	581.81	691.95	702.8	770.13	802.27
826.82	833.52	870.07	875.97	878.87	891.12
916.24	990.01	996.08	1010.91	1017.99	1022.59
1037.37	1079.23	1099.67	1101.92	1119.63	1193.98
1217.32	1225.01	1241.64	1260.06	1270.03	1283.28
1341.1	1352.05	1357.89	1374.85	1379.38	1415.73

1421.89	1429.05	1488.13	1491.08	1492.06	1508.43
1517.01	1532.73	1549.75	1577.75	1613.05	3007.46
3015.8	3030.48	3056.46	3062.56	3070.87	3072.53
3095.3	3105.88	3110.71	3140.58	3164.96	3171.2
3178.01	3184.58	3186.09			

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12.17	31.16	45.51	58.73	65.81	69.83
76.43	83.12	109.38	126.94	139.43	155.95
170.76	187.45	189.36	202.19	238.2	240.87
246.21	259.74	267.64	300.75	312.86	332.02
337.68	348.53	382.78	402.87	408.41	411.28
439.76	464.59	493.48	502.05	508.44	532.45
549.52	607.3	627.22	632.38	638.11	657.78
663.13	686.61	698.21	704.52	717	749.05
752.87	771.25	781.72	790.1	801.41	835.48
848.49	852.52	853.96	870.06	878.19	887.59
905.12	915.64	928.14	965.24	973.09	980.25
988.45	997	998.49	1005.54	1008.7	1015.41
1018.27	1022.53	1028.5	1038.05	1059.22	1079.77
1095.92	1096.24	1101.6	1110.24	1128.51	1151.29
1184.87	1191	1192.46	1194.46	1203.43	1212.51
1217.75	1227.81	1242.84	1262.18	1279.57	1296.55
1306.02	1323.55	1343.6	1345.99	1350.19	1355.15
1380.67	1382.77	1385.24	1415.12	1422.12	1434.71
1464.73	1484.03	1489.32	1489.42	1506.61	1508.16
1536.39	1545.05	1559.86	1567.37	1616.17	1620.1
1624.86	1632.98	1660.88	3000.36	3006.13	3056.51
3060.72	3063.1	3064.45	3093.86	3110.35	3150.78
3160.36	3171.14	3176.58	3178.77	3179.72	3187.1
3188.45	3194.98	3195.7	3204.71	3214.82	3216.28
3232.17	3250.86	3293.01			

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6-TS

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-277.99	21.06	30.36	37.5	58.98	70.74
72.7	98.36	111.11	124.23	143.4	155.33
167.49	179.61	198.61	225.73	226.95	238.28
241.76	264.34	282.95	303.13	312.14	333.06
352.58	366.25	394.93	404.45	413.47	420.29
426.64	454.72	463.61	501.01	519.71	537.58
556.27	596.34	624.59	632.29	637.68	640.48
688.33	691.79	698.36	708.54	714.2	728.91
763.28	780.17	791.68	797.65	823.52	838.99
848.37	856.17	861.11	876.07	880.53	909

913.74	915.63	942.48	967.06	972.73	990.72
992.68	995.68	1003.8	1005.4	1011.19	1013.06
1017.44	1019.71	1026.93	1060.89	1065.09	1100.57
1101.4	1106.45	1116.98	1128.01	1143.48	1150.24
1163.51	1176.07	1192.12	1193.45	1199.63	1211.51
1216.04	1226.34	1241.94	1260.77	1273.8	1286.42
1292.63	1319.39	1341.89	1347.88	1350.03	1352.09
1352.75	1377.01	1380.18	1385.28	1420.03	1426.72
1469.78	1484.97	1485.68	1488.75	1503.41	1506.83
1508.56	1534.39	1544.88	1564.95	1575.86	1614.38
1622.71	1628.97	1658.79	3002.08	3003.29	3054.72
3060	3064.2	3065.34	3092.04	3104.09	3159.16
3166.31	3170.3	3170.51	3173.85	3180.06	3180.56
3181.82	3189.94	3190.66	3195.01	3201.68	3204.67
3216.69	3244.51	3255.33			

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28.56	37.78	45.55	67.55	72.4	85.68
93.15	97.18	116.33	134.5	141.44	175.44
180.92	192.2	207.22	216.94	243.06	258.31
263.43	277.44	303.86	311.16	331.83	336.08
378.46	400.8	423.34	427.28	431.05	450.32
469.44	482.37	501.29	514.06	526.03	569.66
578.12	603.88	627.02	631.85	636	693.93
700.35	702.88	705.03	716.57	738.75	764.77
770.97	790.99	805.36	824.78	827.43	832.17
856.42	864.17	868.59	874.89	883.55	895.4
904.43	936.68	962.78	976.7	979.88	985.52
989.52	995.4	997.8	1002.89	1009.09	1015.64
1017.7	1020.09	1040.82	1058.09	1065.54	1098.39
1100.84	1112.28	1125.59	1139.65	1154.46	1191.78
1195.85	1198.65	1205.41	1214.11	1216.07	1220.56
1224.07	1236.31	1251.4	1257.13	1266.4	1277.24
1325.78	1338.52	1339.42	1349.12	1364.91	1366.86
1369.58	1377.42	1382.02	1382.59	1409.62	1417.45
1480.76	1483.8	1488.26	1489.54	1502.1	1506.19
1509.08	1531.08	1531.43	1535.17	1565.25	1606.04
1630.44	1652.43	1652.67	2996.82	3000.36	3049.76
3055.04	3059.59	3063.12	3066.94	3087.45	3098.65
3105.83	3138.37	3159.12	3162.58	3167.96	3173.81
3178.75	3181.39	3190.4	3201.2	3202.29	3209.17
3219.38	3239.65	3245.45			

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19.65	30.86	36.76	42.44	58.28	73.04
80.28	103.11	114.99	133.1	138.69	164.28
168.44	183.62	213.96	222.75	241.01	242.63
260.8	291.83	300.55	309.11	334.18	345.51
379.68	410.25	418.07	424.42	430.29	451.82
484.23	496.46	497.43	521.4	536.26	564.23
569.08	611.04	632.23	632.87	637.26	689.52
697.83	705.26	712.95	719.01	743.31	764.4
772.99	794.57	801.32	826.62	841.18	853.88
856.27	860.5	862.56	873.45	885.89	908.24
922.67	932.43	968.19	970.07	974.96	985.95
989.95	992.36	995.42	1012.53	1013.57	1014.46
1016.43	1020.11	1032.77	1058.47	1069.17	1097.98
1100.43	1110.55	1126.59	1132.42	1152	1190.93
1195.55	1197.93	1202.02	1210.66	1213.78	1220.81
1221.41	1229.76	1242.28	1253.2	1261.36	1271.89
1316.9	1336.01	1338.03	1339.05	1348.77	1363.82
1369.7	1373.11	1373.71	1385.64	1408.31	1415.18
1482.22	1487.77	1489.5	1492.72	1497.71	1498.48
1508.55	1532.76	1539.37	1545.07	1570.27	1628.44
1642.11	1659.48	1661.32	2974.18	3002.28	3009.02
3052.29	3060.57	3065.05	3068.7	3090.63	3100.5
3102.7	3116.55	3142.87	3161.47	3170.62	3171.44
3177.79	3179.62	3180.48	3187.95	3192.02	3197.07
3202.38	3204.23	3244.28			

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10.14	27.32	36.62	43.09	53.89	65.01
69.26	92.35	118.43	139.79	153.11	164.33
182.95	187.81	213.07	227.48	245.53	262.79
287.7	302.17	304.08	322.23	350.82	368.5
378.53	416.29	419.66	425.23	434.28	471.45
479.28	484.92	497.07	500.68	519.69	563.58
569.2	614.98	620.08	634.84	641.21	690.08
691.4	700.83	710.88	715.29	722.68	741.64
767.05	780.98	797.6	818.22	826.61	827.96
850.13	862.83	868.1	874.02	878.47	900.16
910.49	917.71	926.77	967.9	971.12	978.61
989.59	989.89	996.08	1009.25	1011.19	1016.89
1018.13	1019.39	1022.91	1060.55	1070.21	1098.66
1100.05	1101.27	1123.17	1139.81	1191.73	1196.21
1198.68	1202.95	1209.47	1212.58	1223.31	1228.35
1243.36	1251.36	1257.19	1264.76	1272.33	1276.6
1313.81	1333.51	1339.6	1350.23	1356.61	1370.91
1372.94	1375.92	1382.82	1387.46	1410.04	1417.24
1486.07	1487.59	1489.64	1494.08	1501.01	1508.16
1522.74	1533.49	1543.34	1545.44	1567.98	1626.21

1642.81	1658.36	1665.26	3003.53	3008.03	3049.65
3054.03	3059.58	3066.82	3068.09	3083.43	3091.23
3102.45	3126.81	3143.86	3152.07	3157.87	3159.5
3172.68	3175.29	3180.55	3185.51	3199.98	3200.2
3218.76	3220.32	3233.57			

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9-TS

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-292.58	23.16	33.91	37.37	49.08	55.2
60.18	88.28	104.87	113.59	136.75	139.16
162.59	183.96	186.3	192.55	224.25	255.45
272.3	278.82	288.51	299.63	334.71	348.76
357.84	382.43	387.7	415.22	421.83	424.89
441.18	473.02	478.47	480.58	505.58	535.73
574.73	577.55	600.5	614.39	632.6	637.26
696.18	699.53	701.14	710.81	719.7	736.11
756.29	777.15	782.02	810.49	815.19	826.89
862.09	862.84	867.44	876.3	878.83	891.55
911.93	927.99	929.74	972.37	979.37	983.72
990.75	999.09	1005.5	1011.97	1013.22	1015.99
1018.25	1021.9	1027.81	1059.93	1070.69	1097.85
1099.33	1101.87	1121.66	1144.16	1190.94	1196.4
1198.95	1208.77	1211.08	1222.38	1223.34	1239.48
1248.77	1254.8	1262.79	1273.98	1296.1	1309.82
1329.66	1337.95	1347.76	1354.06	1369.08	1371.09
1374.23	1379.44	1388.75	1409.29	1415.48	1471.03
1486.47	1489.88	1492.15	1498.9	1508.61	1510.78
1527	1533.33	1537.88	1542.3	1545.07	1627.48
1642.86	1658.69	1663.75	3008.09	3010.4	3055.2
3057.16	3060.71	3068.95	3071.46	3091.63	3093.17
3103.06	3141.29	3141.92	3155.96	3159.89	3160.41
3174.79	3177.26	3182.87	3187.15	3200.32	3201.2
3210.48	3216.93	3218.74			

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18.27	21.43	33.15	42.67	51.56	54.73
71.1	75.23	90.1	110.92	128.89	150.12
157.28	167.53	183.95	186.19	215.63	254.13
264.22	273.99	279.07	304.12	325.48	357.26
367.14	389.09	391.86	415.61	420.6	427.55
461.5	479.09	483	505.78	521.49	538.08
567.18	582.75	585.09	607.9	631.18	635.73
674.35	696.89	701.66	710.02	716.8	730.46
760.51	778.26	779.8	812.88	821.06	826.62
858.98	864.1	869.16	880.6	888.07	894.52

910.95	926.77	945.82	971	980.76	988.1
993.94	998.96	1009.84	1009.93	1015.91	1017.84
1019.08	1030.13	1035.64	1059.94	1073.13	1096.34
1102.99	1107.31	1123.1	1155.47	1189.77	1197.3
1202.27	1207.49	1212.26	1221.25	1222.23	1246.57
1248.87	1250.94	1260.94	1273.42	1294.72	1313.76
1336.99	1338.74	1346.93	1361.94	1366.56	1369.2
1372.95	1383.81	1401.18	1404.52	1412.84	1484.59
1487.21	1489.98	1495.73	1505.32	1508.66	1511.39
1533.2	1537.12	1541.56	1549.94	1628.95	1642.61
1660.29	1662.83	1701.11	3008.77	3009.39	3054.63
3060.45	3070.11	3070.26	3071.48	3093.72	3102.67
3110.28	3135.7	3154.69	3164.62	3168.79	3176.5
3176.98	3178.33	3187.33	3187.81	3197.58	3201.22
3206.33	3222.6	3224.08			

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10.99	17.88	31.32	45.81	56.14	64.94
78.8	100.71	104.48	122.79	151.01	160.24
178.91	188.31	200.63	219.39	238.7	251.25
257.42	269.6	296.84	316.71	321.84	330.71
364.64	411.89	414.26	416.75	437.47	452.41
468.85	499.41	507.62	523.15	530.27	559.61
577.79	611.77	632.44	634.5	653.78	688.09
695.45	704.12	711.83	717.22	757.65	765.08
769.14	789.82	797.52	823.69	830.69	847.56
852.79	865.93	869.77	875.36	895.08	908.79
915.29	924.34	952.99	963.74	965.65	979.42
990.85	993.27	994.09	1011.32	1014.43	1016.55
1018.83	1029.5	1058.15	1060.01	1075.81	1099.02
1101.03	1116.6	1117.52	1145.57	1179.24	1191.98
1195.54	1196	1210.95	1214.99	1218.17	1221.69
1224.38	1227.66	1245.92	1256.41	1264.22	1277.27
1297.97	1331.06	1338.91	1348.44	1350.59	1360.52
1363.66	1365.8	1373.49	1377.39	1403.39	1417.05
1482.45	1483.93	1489.19	1491.14	1506.59	1520.33
1532.21	1533.96	1540.36	1562.65	1577.12	1631.09
1643.89	1655.84	1663.89	2358.92	2999.43	3004.91
3052.18	3058.69	3062.78	3064.37	3087.57	3089.12
3102.58	3122.14	3149.97	3152.49	3169.62	3172.48
3175.77	3181.34	3185.15	3191.93	3193.37	3202.25
3204.25	3217.62	3241.78			

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11-TS

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-92.73	2.89	16.29	26.45	40.13	56.77
63.04	75.88	101.12	107.63	116.22	126.38
146.87	171.21	186.08	190.06	217.67	222.26
247.37	256.43	267.27	312.18	313.11	322.93
332.26	394.68	409.03	414.37	415.9	450
464	483.29	496.67	507.79	520.58	535.49
546.85	576.66	588.85	627.58	632	635.87
665.84	686.46	690.07	698.03	709.66	711.8
752.96	769.54	770.07	778.97	801.19	830.43
838.38	842.24	850.47	856.25	870.85	879.58
908.38	910.72	928.37	950.2	965.06	972.34
988.57	995.15	996.71	997.89	1009.2	1011.99
1017.04	1022.75	1025.89	1028.96	1057.32	1060.71
1101.1	1104.7	1113.21	1120.46	1160.28	1181.08
1191.77	1194.98	1195.82	1197.85	1215.83	1215.91
1222.24	1225.61	1230.61	1249.39	1261.09	1270.38
1286.72	1328.5	1335.12	1341.36	1353.5	1358.63
1362.39	1377.35	1380.14	1383.82	1412.65	1420.96
1483.5	1484.86	1485.57	1488.22	1506.69	1532.56
1534.15	1535.2	1549.63	1598.18	1629.25	1633.1
1656.7	1659.34	1728.94	2150.3	2997.57	3002.08
3052.16	3057.35	3059.91	3065.63	3088.66	3102.87
3135.13	3161.31	3165.75	3167.66	3169.85	3175.28
3176.18	3184.17	3185	3186.98	3195.27	3200.01
3203.51	3225.47	3262.27			

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23.36	33.24	37.21	52.16	59.4	74.28
91.78	109.33	122.84	137.36	142.13	158.9
169.9	190.97	200.9	207.87	219.34	236.17
261.79	275.72	281.21	309.53	317.38	330.19
338.83	394.4	415.32	415.56	447.32	460.36
472.74	491.9	512.87	529.61	535.1	550.47
588.88	617.03	630.02	635.45	638.4	663.53
683.46	689.67	695.25	710.53	710.62	742.11
766.68	781	781.81	786.38	831.43	839.29
845.02	855.3	856.62	874.96	880.73	891.57
911.26	922.15	925.66	954.78	970.83	974.15
993.35	995.24	995.58	996.26	1006.37	1014.98
1015.69	1017.57	1021.91	1027.5	1060.26	1067.15
1100.17	1109.91	1112.46	1122.24	1140.52	1162.23
1192.75	1194.53	1195.59	1199.44	1217.5	1217.89
1226.86	1229.98	1240.13	1260.89	1272.29	1274.12
1298.57	1325.65	1334.23	1342.59	1353.81	1359.49
1372.39	1380.48	1384.02	1385.58	1413.63	1432.62
1470.04	1481.91	1483.57	1487.02	1503.57	1507.4
1533.59	1537.64	1538.77	1544.4	1608.98	1631.15

1631.63	1659.05	1659.63	2034.42	3000.94	3006.5
3054.6	3062.82	3067.78	3074.29	3092.52	3107.8
3146.06	3163.27	3169.8	3174.15	3174.41	3182.81
3183.29	3195.74	3195.89	3202.29	3202.84	3204.1
3207.7	3217.24	3239.73			

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4.1	31.09	34.58	46.85	52.98	76
79.58	102.35	113.93	127.27	142.55	152.86
179.99	182.8	195.97	226.62	236.86	254.94
264.69	294.39	302.24	305.83	333.07	333.73
366.67	381.12	414.06	419.08	426.06	442.64
467.32	496.51	500.24	519.9	535.61	562.43
584.33	609.97	631.76	634.95	665.67	687.14
688.72	697.32	712.03	716.47	734.54	763.22
772.37	789.59	797.95	829.38	835.25	853.59
858.88	860.84	871.1	877.46	883.78	908.4
922.17	925.75	964.34	969.45	972	975.64
990.15	990.72	999.79	1011.3	1014.76	1015.79
1016.33	1019.75	1040.18	1059.29	1072.46	1098.08
1100.11	1107.69	1120.2	1134.33	1170.74	1191.69
1195.83	1197.91	1211.95	1215.37	1222.33	1235.53
1238.45	1244.17	1254.83	1256.89	1263.13	1274.38
1312.91	1338.38	1338.89	1349.55	1360.55	1364.63
1371.57	1372.23	1374.93	1385.33	1410.32	1417.85
1484.01	1485.56	1488.76	1489.57	1506.95	1522.97
1529.43	1532.21	1540.17	1544.44	1571.09	1630.97
1644.28	1660.19	1664.16	2403.22	3003.14	3005.39
3053.85	3059.78	3064.53	3066.27	3089.61	3091.73
3102.74	3124.69	3150.34	3161.46	3167.76	3171.81
3176.38	3181.36	3183.52	3185.28	3194.34	3195.6
3204.36	3204.75	3239.08			

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13-TS

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-505	27.6	28.95	43.63	46.9	60.63
71.5	88.33	99.98	109.45	131.18	151.43
165.32	187.68	194.14	216.39	228.53	238.39
260.34	267.48	297.73	305.53	314.87	322.71
339	350.34	404.12	414.45	417.11	437.23
458.2	491.24	497.93	512.94	532.13	540.57
558.25	588.52	620.66	633.58	635.21	674.24
679.74	689.58	697.83	709.84	714.7	728.89
749.39	769.06	784.03	789.25	796.81	836.42
849.64	850.1	855	860.2	872.37	878.26

910.46	922.73	928.6	961.31	971.02	973.13
990.33	992.3	994.5	999.45	1013.54	1014.49
1015.59	1017.64	1023.9	1057.95	1065.42	1099.44
1103.27	1106.13	1117.84	1122.45	1133.15	1158.11
1176.9	1192.63	1195.28	1198.03	1214.93	1216.04
1225.73	1235.52	1240.34	1259.96	1269.88	1276.95
1285.73	1326.12	1334.54	1341.1	1352.08	1352.63
1360.79	1376.54	1380.01	1380.29	1413.16	1414.7
1427.21	1484.57	1484.81	1488.05	1493.8	1507.17
1533.77	1537.24	1544.25	1556.53	1588.7	1631.46
1634.79	1660.02	1661.2	2004.9	3002.32	3006.38
3056.18	3061.51	3063.83	3068.1	3093.47	3106.98
3134.52	3143.93	3168.56	3173.24	3173.67	3181.53
3181.95	3182.75	3191.13	3197.43	3197.61	3204.02
3205.16	3206.5	3237.98			

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19.41	27.33	40.37	41.37	64.63	74.36
88	97.93	115.9	125.1	145.75	158.51
164.09	191.19	201.03	214.69	222.08	239.81
264.67	275.01	298.55	306.35	317.63	335.82
338.22	393.21	414.77	417.28	433.21	454.6
484.8	492.69	508.81	530.3	545.16	555.74
591.46	614.71	621.48	634.27	639.02	676.07
685.7	690.21	697.46	710.79	715.21	740.36
766.79	778.08	782.92	790.76	831.85	843.09
848.17	856.88	860.41	873.35	875.22	882.66
912.22	924.92	931.34	955.38	973.46	974.34
993.33	994.62	996.48	999.05	1009.83	1016
1016.19	1018.63	1021.75	1026.87	1060	1066.17
1100.1	1107.24	1114.44	1122.69	1142.49	1163.96
1177.86	1194.17	1195.32	1198.69	1216.65	1217.41
1227.18	1236.93	1241.9	1261.23	1273.03	1281.6
1294.02	1328.73	1335.85	1342.37	1354.12	1360.01
1367.48	1378.57	1381.15	1384.53	1415	1430.96
1455.11	1483.79	1484.01	1487.73	1502.72	1507.02
1533.98	1538.42	1541.95	1544.41	1612.16	1632.06
1633.05	1658.91	1660.73	2064.27	3002.67	3005.89
3055.77	3062.29	3067.25	3068.53	3093.33	3107.89
3145.28	3149.21	3172.1	3173.34	3174.82	3182.46
3184.69	3194.42	3194.46	3199.52	3201.99	3206.97
3211.24	3223.1	3236.14			

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1.96	10.42	22.97	26.68	30.53	35.56
38.23	44.05	48.67	57.68	62.24	65.03
68.03	69.66	75.09	76.65	88.28	91.43
93.66	101.17	108.91	121.84	124.46	128.78
142.01	147.78	154.29	163.03	166.01	175.03
177.94	184.82	187.18	196.3	199.88	209.13
213.83	220.59	232.72	236.8	255.14	257
258.86	268.1	270.48	281.6	283.56	289.84
316.9	322.94	327.4	337.74	346.91	358.33
367.82	370.94	383.24	397.67	410.43	415.47
418.17	420.62	426.37	428.39	429.52	448.35
458.63	459.84	467.04	469.85	471.86	479.36
487.83	489.79	494	505.12	533.45	549.4
562.91	567.66	568.02	572.62	574.24	576.18
581.17	582.97	584.47	598.99	606.22	618.92
626.93	628.39	634.31	635.15	648.9	658.43
661.05	675.81	688.97	695.31	713.83	726.94
731.54	754.44	757.97	769.91	782.46	821.64
824.37	827.63	833.96	835.45	840.47	843.16
844.02	846.56	848.03	848.86	849.19	850.32
850.84	856.5	859.83	861.33	863.66	867.59
869.96	871.57	881.09	888.56	889.21	893.56
896.84	899.04	900.46	905.33	911.83	912.51
917.09	924.8	930.36	939.07	944.14	951.61
971.55	978.78	982.39	985.74	988.11	995.17
999.27	1000.06	1010.63	1014.76	1016.56	1020.95
1028.34	1030.55	1031.85	1037	1039.61	1042.36
1048.79	1052.2	1058.64	1071.3	1072.68	1077.45
1079.14	1083.14	1083.78	1086.04	1087.63	1095.11
1098.96	1102.35	1103.1	1104.56	1108.87	1112.5
1124.3	1139.33	1139.7	1150.99	1173.16	1176.28
1192.16	1196.77	1218.31	1219.23	1222.65	1228.62
1230.45	1239.33	1243.05	1254	1264.35	1265.88
1272.46	1275.95	1276.56	1296.92	1299.83	1301.29
1308.05	1309.46	1312.99	1333.35	1336.89	1354.31
1356.27	1361.86	1364.7	1365.4	1371.33	1376.97
1389.91	1398.74	1399.29	1402.37	1402.82	1410.7
1427.56	1429.79	1446.14	1447.88	1452.72	1464.19
1464.82	1467.13	1468.52	1472	1479.36	1496.62
1497.29	1509.53	1523.78	1533.93	1535.62	1536.47
1545.18	1550.53	1569.96	1593.52	1612.94	1623.14
1645.11	1663.98	1666.55	1686.28	2973.76	3012.1
3035.04	3074.44	3157.22	3160.89	3162.44	3170.5
3174.03	3176.22	3177.05	3187.89	3189.76	3197.53
3198.64	3205.59	3206.41	3214.63	3216.46	3248.65
3250.51	3252.03	3252.89	3253.36	3256.98	3257.46
3264.9	3266.08	3266.62	3268.44	3271.78	3274.51
3277.79	3282.57	3290.08	3294.94	3314.66	3342.37

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15-TS-(R)

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-250.45	15.03	24.73	29.07	35.02	37.11
40.02	46.45	49.43	55.29	57.74	66.44
69.85	74.55	78.08	82.08	85.3	93.15
96.39	101.81	106.44	118.99	125.28	127.42
140.24	143.46	155.67	166.87	167.42	171.33
180.67	182.45	193.57	198.62	205.97	209.48
212.9	220.46	227.3	237.38	245.89	253.45
268.18	275.07	280.4	283.14	286.13	296.59
319.93	325.88	337.42	342.28	348.2	362.05
368.83	372.26	385.33	397.11	411.44	420.05
423.39	426.17	429.67	432.13	438	446.51
458.19	459.28	470.71	474.53	475.07	480.75
484.41	486.27	491.47	498.12	527.48	557.16
561.53	566.67	572.11	573.87	579.68	582.54
584.49	585.77	586.72	602.24	623.58	626.53
628.18	631.36	634.12	643.11	648.14	653.63
657.97	683.49	689.88	695.63	717.07	719.24
731.41	745.19	750.83	764.25	780.4	811.05
819.57	826.44	832.68	834.04	838.92	840.85
842.61	842.88	844.88	847.88	849.66	852.02
856.59	858.84	859.69	860.93	865.59	876.37
878.87	882.09	882.9	886.12	887.87	892.35
894.67	897.25	897.85	910.29	912.69	913.75
923.18	931.73	932.87	937.69	938.65	954.14
964.53	973.59	982.1	983.53	986.57	992.53
995.52	1007.23	1008.05	1010.53	1017.36	1019.16
1021.65	1026.85	1028.87	1037.2	1038.68	1044.84
1045.27	1048.6	1051.19	1064.39	1065.18	1073.59
1075.95	1077.11	1077.85	1085.26	1087.28	1087.45
1097.86	1100.86	1103.54	1108.88	1111.48	1115.15
1117.04	1128.53	1139.71	1142.28	1149.21	1162.74
1190.62	1193.94	1213.19	1213.84	1218.66	1221.42
1225.26	1228.66	1230.34	1233.07	1262.8	1268.3
1273.82	1276.32	1283.02	1294.22	1295.38	1296.78
1299.55	1307.13	1313.74	1319.22	1331.11	1333.13
1335.39	1352.86	1356.72	1358.47	1359.86	1365.61
1372.64	1379.49	1398.68	1400.69	1406.96	1410.26
1425.62	1430.27	1432.22	1444.41	1447.59	1448.22
1449.47	1465.1	1465.53	1466.97	1480.65	1483.28
1491.04	1495.15	1500.07	1506.49	1519.22	1532.65
1533.18	1533.86	1545.8	1576.12	1613.33	1619.06
1621.07	1651.97	1663.6	1685.3	2976.39	2984.25
3051.87	3066.56	3120.59	3138.65	3140.83	3145.59
3148.05	3156.28	3163.07	3166.09	3166.93	3168.34
3172.87	3174.58	3177.35	3179.5	3183.4	3196.99
3213.21	3214.46	3215.99	3222.24	3248.44	3250.63
3251.31	3252.88	3259.88	3264.29	3266.54	3269.76
3277.45	3282.01	3296.46	3297.92	3325.83	3394.71

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15-TS-(S)

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-289.99	7.99	13.52	24.61	28.09	34.63
35.29	39.86	44.64	49.82	57.33	60.89
62.41	68.49	72.18	77.48	82.34	88.74
90.76	93.91	99	107.25	115.1	128.41
137.06	145.57	153.39	161.73	163.9	165.81
181.22	185.56	187.48	190.7	200.09	209.56
213.61	220.17	230.15	234.19	244.61	256.78
267.72	272.72	280.6	282.83	284.28	290.64
317.28	323.08	329.69	336.53	347.98	357.58
367.67	371.24	387.64	388.88	410.69	415.29
418.67	421.92	428.82	432.75	436.78	450.65
455.06	461.48	468.16	469.98	476.94	481.94
482.3	490.2	495.61	506.38	530.2	553.7
566.19	570.74	572.92	574.95	576.2	576.89
582.92	583.02	587.08	603.1	618.6	624.19
625.4	634.29	635.68	639.73	648.39	658.01
662.85	671.59	691.37	699.23	712.06	718.44
731.94	745.57	755.79	768.01	780.64	818.5
821.46	826.74	830.94	834.44	841.55	843.24
844.07	844.98	845.8	847.04	847.57	849.01
850.02	854.92	859.73	861.58	862.39	865.62
867.73	871.81	877.16	883.11	885.94	891.92
892.64	895.55	899.26	900.35	911.18	911.73
915.29	926.52	931.58	940.02	945.67	951.5
970.6	974.92	981.51	986.43	989.35	990.49
999.09	1000.03	1005.93	1010.48	1011.63	1018.77
1026.24	1028.29	1030.27	1036.27	1039.33	1040.15
1049.95	1057.03	1062.29	1063.84	1069.37	1073.72
1077.12	1077.97	1084.83	1086.85	1092.92	1097.56
1101.76	1103.62	1105.93	1110.25	1111.94	1121.63
1122.25	1138.97	1139.97	1149.76	1153.15	1177.3
1195.27	1196.44	1215.86	1218.33	1222.44	1230.54
1231.27	1234.73	1238.25	1243.23	1257.98	1261.99
1264.17	1266.3	1271.97	1291.15	1293.69	1296.29
1299.38	1307.98	1325.62	1331.31	1335.32	1348.12
1355.32	1359.32	1363.75	1364.57	1373.39	1377.89
1396.51	1396.96	1399.14	1401.39	1403.35	1410.59
1425.67	1428.33	1444.32	1445.08	1452.33	1464.1
1466.73	1468.33	1469.39	1469.82	1479.03	1492.17
1497.48	1497.98	1507.58	1520.72	1533.82	1534.31
1537.08	1543.95	1548.59	1582.41	1612.32	1622.49
1644.85	1663.6	1666.46	1685.9	2976.69	3015
3021.98	3061.57	3154.36	3168.24	3173.26	3174.39
3175.49	3180.41	3185.69	3187.78	3188.76	3195.97
3197	3197.15	3203.47	3204.47	3207.06	3213.2
3249.21	3249.42	3252.11	3253.26	3255.17	3257.66
3263.33	3264.69	3265.98	3267.94	3271.03	3272.87
3274.63	3281.9	3290.08	3296.72	3319.97	3343.42

13.31	14.79	23.37	25.3	31.97	36.07
38.87	50	59.27	65.37	66.7	70.79
74.14	75.68	79.38	83.15	88.06	97.53
99.35	102.04	110.56	115.53	122.75	130.52
139.54	145.84	162.69	165.28	168.2	171.91
174.62	181.81	186.68	194.86	199.85	213.39
218.24	228.3	244.09	251.8	254.74	267.89
273.7	280.91	282.66	287.09	291.69	299.08
320.78	332.3	333.78	336.04	343.5	364.59
368.55	387.68	395.45	411.96	421.1	422.86
427.61	429.41	440.76	452.47	454.63	462.19
465.94	472.24	475.27	477.04	483.65	488.58
493.36	504	513.77	533.57	544.33	566.15
566.9	573.75	576.46	576.81	579.73	580.86
582.08	592.21	600.12	605.71	622.06	624.1
628.58	633.7	634.06	648.53	659.7	672.35
681.46	690.57	703.69	714.18	718.23	732.62
755.13	756.38	769.29	783.42	815.33	818.82
821.42	823.3	825.52	829.94	830.58	836.07
843.16	844.17	844.54	846.79	847.28	848.07
850.75	853.82	856.78	857.73	861.55	863.43
865.2	873.3	876.48	880.77	882.41	885.62
888.03	891.59	897.34	898.65	902.69	908.27
913.95	919.16	931.66	935.98	940.72	949.24
974.74	976.38	982.65	985.4	989.36	992.1
995.12	1003.99	1008.27	1015.54	1023.51	1027.28
1027.79	1031.26	1035.66	1036.58	1039.87	1050.4
1052.25	1057.38	1059.37	1069.92	1071.82	1075.51
1079.24	1084.26	1085.19	1085.46	1088.07	1096.24
1102.34	1108.99	1111.02	1113.91	1119.02	1132.85
1136.69	1140.54	1142.02	1150.99	1173.23	1195.1
1197.98	1203.36	1210.27	1215.36	1217.4	1222.17
1227.68	1235.92	1242.26	1254.72	1259.22	1265.52
1265.96	1273.97	1275.39	1289.38	1290.37	1293.77
1299.73	1306.96	1329.87	1333.2	1341.59	1342.89
1365.64	1365.95	1368.23	1370.36	1372.24	1378.04
1397.28	1397.53	1400.56	1401.6	1403.54	1410.1
1412.42	1423.03	1426.94	1440.08	1442.94	1444.72
1456.73	1464.58	1464.72	1465.29	1465.75	1486.21
1495.08	1501.59	1503.82	1522.24	1528.14	1531.98
1535.54	1536.13	1540.31	1600.79	1619.96	1640.67
1648.3	1661.04	1663.9	1686.78	2963.27	2987.94
3011.55	3066.32	3068.8	3110.91	3163.93	3164.58
3168.09	3174.47	3176.68	3183.08	3186.56	3193.41
3197.9	3204.87	3210.77	3222.1	3238.1	3248.52

3249.12	3250.31	3251.06	3253.41	3257.22	3258.32
3260.55	3268.02	3269.04	3270.56	3271.22	3278.25
3287.52	3291.12	3298.97	3304.24	3308.7	3338.22

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1.76	5.75	15.89	21.45	26.38	28.63
31.31	35.22	41.57	46.57	51.36	56.4
62.47	63.3	65.55	67.46	77.13	84.78
92.54	96.08	98.97	106.29	111	134.84
139.52	149.2	159.28	164.89	167.02	168.45
176.07	179.69	189.05	201.66	214.21	218.08
229.22	231.04	241.77	251.95	253.44	267.93
277.57	282.45	283.93	289.39	304.72	314.43
325.74	332.82	333.6	341.83	363.78	366.85
376.26	394.85	410.82	416.86	418.27	422
425.28	427.02	433.41	438.45	455.24	464.3
468.4	471.56	473.56	484.62	489.14	490.69
497.53	499.37	514.04	529.56	549.62	571.13
571.76	573.42	574.65	578.5	579.84	581.71
585.55	595.39	605.34	619.11	623.14	628.48
634.02	634.15	640.97	648.57	659.02	672.01
690.65	700.6	714.21	717.05	728.29	732.64
751.48	760.81	775.31	780.73	783.04	817.81
825.6	826.76	827.55	828.85	835.18	836.19
844.55	844.8	844.87	845.96	847.58	848.03
849.29	853.69	858.43	860.11	861.48	862.08
863.01	869.17	870.2	876.03	879.59	885.46
892.16	892.73	893.93	896.89	897.52	899.51
903.49	910.3	921.22	925.84	935.25	940.49
944.26	965.8	969.72	974.03	978.71	981.64
987.88	999.41	1001.26	1007.49	1016.29	1018.9
1027.8	1028.87	1029.96	1031.21	1034.08	1045.74
1048.14	1055.8	1058.58	1059.55	1063.64	1071.45
1074.77	1075.59	1080.21	1083.45	1085.33	1087.07
1092.19	1100.91	1105.74	1112.67	1117.19	1123.43
1135.13	1137.5	1140.58	1150.9	1151.96	1169.85
1196.45	1197.06	1215.38	1217.15	1218.19	1226.97
1230.25	1232.12	1236.84	1242.21	1257.56	1263.79
1267.27	1277.34	1285.91	1290.04	1291.09	1294.48
1307.54	1327.83	1339.14	1340.68	1351.11	1357.01
1364.81	1365.3	1368.31	1372.38	1375.35	1396.72
1397.31	1402.11	1402.8	1403.27	1412.23	1416.47
1423.31	1425.76	1427.32	1440.78	1444.06	1463.71
1464.66	1464.71	1466.93	1470.8	1488.26	1491.98
1499.18	1514.23	1522.24	1534.66	1537.18	1539.07
1543.05	1551.08	1582.07	1613.78	1646.05	1646.98
1661.8	1664.73	1666.21	1687.8	2118.87	3052.05

3059.28	3112.96	3147.6	3147.85	3159.65	3163.64
3171.48	3172.25	3178.45	3181.91	3188.53	3191.53
3200.36	3200.54	3200.63	3207.02	3207.85	3213.2
3248.25	3248.46	3250.9	3252.9	3255.85	3256.23
3256.68	3262.2	3265.03	3267.31	3269.48	3272.55
3273.5	3278.21	3289.94	3301.9	3302.5	3330.67

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-713.66	7.63	17.45	20.9	26.26	31.14
33.44	36.93	38.81	48.86	52.22	53.18
59.81	61.39	65.89	67.34	71.57	75.81
79.89	88.77	92.46	101.62	108.49	109.85
135.5	136.45	150.76	160.35	165.46	168.44
170.76	176.49	189.39	191.66	202.04	212.41
219.34	230.08	231.05	237.83	250.58	259.62
267.55	279.36	282.89	283.03	296.11	303.09
313.87	324.99	331.99	334.35	342.98	365.49
366.99	384.61	390.78	403.54	409.99	416.74
418.51	424.32	427.29	432.6	450.92	455.99
464.96	470.08	470.85	472.43	484.43	488.02
490.25	493.93	499.78	521.74	528.78	555.88
569.73	571.16	572.67	573.06	574.61	579.08
580.04	587.99	601.23	607.62	613.54	622.81
626.88	633.02	633.33	639.3	646.88	657.12
671.66	689.96	697.54	700.04	714.78	716.78
729.75	741.31	755.36	762.64	778.82	779.69
799.82	820.86	825.97	826.88	827.52	829.6
835.56	836.88	844.17	844.63	845.37	845.74
846.95	849.12	849.58	855.64	856.81	860.7
861.61	862.24	863.89	868.85	869.34	878.53
882.12	888.35	892.21	892.92	893.85	896.07
901.27	906.79	909.97	920.72	925.87	933.84
937.42	941.58	949.61	970.16	976.85	978.65
982.52	987.78	991.99	1001.52	1003.08	1014.14
1016.77	1022.51	1028.84	1029.72	1031.26	1034.12
1038.12	1045.93	1054.02	1056.41	1057.24	1065.4
1075.57	1076.17	1080.22	1083.54	1085.05	1086.55
1095	1099.14	1101.17	1105.43	1108.52	1115.79
1117.76	1138.21	1140.24	1140.48	1149.48	1150.26
1195.39	1196.9	1211.8	1218.01	1224.78	1228.78
1230.61	1230.95	1233.48	1250.65	1259.39	1261.44
1262.83	1267.39	1288.07	1290.53	1291.82	1296.49
1298.64	1308.34	1320.54	1330.44	1337.95	1340.89
1345.3	1361.13	1362.36	1362.92	1372.95	1376.23
1397	1397.51	1398.55	1402.58	1403.72	1410.26
1424.16	1425.41	1427.4	1441.44	1444.92	1464.72
1466.3	1466.74	1468.88	1472.46	1481.78	1486.51

1492.56	1496.58	1511.82	1533.1	1533.93	1535.71
1537.26	1540.67	1567.28	1572.06	1635.03	1639.21
1659.27	1660.51	1664.16	1686.89	2139.29	3037.14
3044.43	3088.18	3162.51	3163.08	3166.45	3168.01
3171.22	3173.13	3173.31	3177.58	3180.98	3186.28
3190.96	3195.21	3203.05	3206.68	3214.18	3216.34
3246.87	3247.79	3251.06	3253.27	3255.21	3257.05
3258.71	3262.3	3267.08	3267.11	3268.25	3272.88
3273.75	3278.28	3290.81	3296.44	3301.91	3336.51

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14.31	18.13	22.36	30.11	31.09	35.97
41.18	45.31	50.48	51.34	54.87	59.33
64.73	66.35	67.44	70.38	76.9	81.42
83.41	87.47	103.55	111.21	113.74	129.33
139.42	145.79	160.4	165.29	166.61	169.66
177.19	183.98	192.43	200.53	207.09	215.78
227.01	228.85	242.35	249.2	252.34	267.15
269.72	278.69	281.69	286.05	295.49	307.73
318.63	329.32	335.03	342.71	365	367.37
382.55	387.9	401.69	410.58	416.85	417.43
421.46	427.54	434.61	449.47	459.59	463.37
468.05	470.27	472.32	482.58	484.67	485.25
489.65	496.97	521.73	529.73	556.95	567.14
569.27	572.17	572.66	574.75	579.06	580.54
585.19	594.02	602.17	605.32	615	623.93
626.27	632.67	635.36	637.6	647.72	657.69
676.27	690.5	700.69	710.7	715.64	721.56
729.37	756.93	758.85	779.52	782.6	799.47
819.77	822.8	826.09	826.41	830.11	837.04
838.3	844.11	844.56	845.07	845.28	847.76
848.74	849.49	857.43	859.2	860.37	861.32
862	863.69	869.46	870.88	876.97	882.16
884.14	888.72	892.59	895.1	896.51	899.79
904.93	906.59	910.31	919.15	924.02	934.4
939.61	941.2	946.22	972.74	976.22	980.5
981.56	990.3	992.25	1000.63	1002.71	1014.36
1016.43	1025.67	1028.83	1030.16	1030.48	1036.72
1039.24	1047.95	1054.46	1057.42	1058.62	1068.51
1075.14	1076.18	1078.48	1081.95	1084.95	1086.83
1096.05	1096.19	1102.7	1103.42	1108.45	1114.01
1119.07	1139.57	1140.41	1142.77	1149.57	1151.04
1195.14	1196.27	1210.79	1216.46	1224.44	1226.45
1228.43	1231.34	1235.54	1258.54	1259.97	1263.88
1268.39	1273.01	1291.01	1292.82	1295.44	1298.11
1307.54	1310.02	1328.57	1331.74	1337.6	1338.04
1353.43	1360.44	1360.69	1361.54	1371.47	1375.35

1396.42	1396.97	1397.69	1401.38	1403.16	1405.27
1423.66	1424.08	1428.22	1440.73	1447.11	1464.17
1465.04	1466.53	1469.04	1476.13	1483.51	1495.65
1495.98	1507.04	1517.91	1531.23	1533.1	1535.69
1538.59	1539.19	1554.82	1587.32	1632.16	1638.53
1657.17	1659.14	1664.22	1687.06	2066.78	3036.57
3056.87	3078.34	3162.33	3163.47	3168.07	3168.15
3169.4	3175.04	3179.37	3179.59	3183.48	3189.55
3195.57	3196.44	3201.99	3207.58	3210.24	3242.43
3246.66	3247.62	3251.95	3252.41	3254.59	3256.21
3261.65	3262.97	3266.02	3268.63	3270.52	3271.73
3272.49	3279.46	3282.68	3296.18	3310.24	3340.76

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14.24	15.58	22.65	24.35	25.42	30.27
32.64	35.05	38	42.96	54.6	57.86
62.57	65.74	71.1	76.27	79.44	84.04
86.59	90.54	98.18	109.03	119.62	133.15
140.73	144.81	162.6	165.51	166.07	175.12
175.72	191.07	192.51	197.01	201.45	209.24
220.31	236.92	237.99	249.28	259.9	265.21
268.48	282.29	284.46	286.59	291.39	305.58
324.36	325.4	333.37	335.31	341.91	363.77
366.81	376.32	391.25	410.98	416.7	418.66
419.9	427.4	432	442.04	454.57	461.44
466.15	469.09	472.34	475.85	483.86	488.82
493.03	510.83	517.42	533.35	548.89	566.98
572.75	573.86	576.48	578.01	579.68	580.35
582.01	590.27	600	610.71	619.09	621.65
629.5	634.64	636.33	644.29	650.11	659.2
686.19	702.4	713.31	718.35	730.57	740.3
752.43	762.49	778.15	782.62	785.19	812.28
818.1	825.42	830.94	831.39	841.49	842.75
843.27	843.66	844.08	846.93	848.14	849.4
850.59	851.27	854.87	858.06	859.59	861.39
861.98	867.39	872.08	874.13	878.18	885.99
889.98	894.95	900.8	902.1	902.49	910.82
914.2	921.46	925.41	931.12	942.04	948.08
965.15	969.21	974.78	978.37	980.02	983.36
996.51	998.15	1001.12	1015.45	1017.53	1025.47
1028.13	1029.64	1030.48	1033.71	1039.64	1045.14
1052.4	1054.93	1057.63	1058.59	1060.5	1070.55
1076.31	1077.63	1083.11	1085.05	1086.34	1093.22
1095.48	1103.4	1114.54	1117.18	1122.36	1126.73
1128.99	1137.99	1140.13	1152.34	1176.41	1196.06
1196.34	1201.47	1218.27	1220.32	1223.69	1225.44
1231.12	1238.56	1240.29	1255.72	1258.7	1260.2

1271.67	1273.49	1287.07	1288.82	1295.75	1298.5
1304.97	1308.43	1329.57	1331.36	1345.66	1347.02
1364.25	1366.01	1366.15	1373.03	1377.53	1382.18
1388.49	1394.79	1398.77	1402.65	1404.62	1408.76
1409.33	1422.18	1426.02	1441.18	1445.22	1456.03
1456.84	1460.81	1461.89	1466.97	1469.63	1491.63
1497.39	1498.1	1515.21	1535.3	1537.11	1538.03
1539.21	1542.84	1545.8	1581.4	1640.31	1643.31
1661.93	1663.75	1666.7	1687.24	2947.22	2970.74
2985.56	3042.14	3054.98	3071.52	3154.17	3161.67
3162.22	3162.91	3172.33	3172.74	3180.17	3183.71
3183.75	3197.71	3197.9	3205.82	3225.69	3231.91
3239.83	3243.94	3247.9	3249.84	3253.09	3253.34
3254.98	3258.42	3259.2	3266.36	3268.08	3268.1
3275.24	3276.82	3280.73	3292.93	3301.81	3360.2

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-294.56	7.98	17.39	21.33	26.25	29.39
33.8	34.35	37.31	43.86	47.78	49.04
57.06	64.22	69.18	73.63	74.95	81.27
85.71	96.56	99.73	114.46	121.31	126.72
132.74	147.04	154.28	163.22	166.28	169.18
170.93	182.79	190.99	194.85	198.35	211.73
218.86	232.03	238.47	249.22	254.17	262.68
266.78	268.28	280.7	284.08	287.27	295.02
301.96	324.12	331.17	332.57	338.87	343.05
364.22	364.65	366.07	397.5	408.61	409.96
416.65	419.38	421.91	425.03	440.84	442.63
454.77	459	462.14	466.85	471.15	476.16
482.74	489.25	499.84	503.12	532.72	547.79
561.54	572.24	572.93	574.73	580.45	580.87
583.16	584.81	595.96	607.08	607.25	621.66
622.47	628.92	632.42	634.07	644	652.7
658.8	693.22	702.54	714.27	716.17	730.3
753.47	756.21	766.03	776.79	784.77	797.33
813.26	824.83	827.84	832.22	834.85	836.85
838.63	839	841.78	844.35	844.98	848.04
856.85	857.87	859.4	861.24	864.42	866.98
868.11	871.98	880.06	881.22	887.33	889.78
891.27	894.55	899.03	900.78	907.93	925.71
927.13	927.45	928.35	931.61	938.61	940.79
945.78	955.29	967.44	972.04	976.74	981.49
995.18	999.65	1002.91	1009.34	1014.4	1021.32
1021.69	1022.99	1027.67	1030.76	1037.9	1044.46
1048.11	1051.1	1057.97	1060.71	1061.7	1067.68
1075.44	1077.75	1081.42	1083.93	1086.24	1092.55
1093.08	1095.29	1100.89	1114.11	1118.97	1122.47

1131.16	1132.49	1151.87	1159.54	1196.59	1196.8
1205.57	1208.25	1213.9	1217.83	1220.16	1229.42
1230.47	1235.39	1243.05	1254.43	1258.37	1261.1
1271.14	1277.76	1282.38	1298.34	1304.25	1307.72
1310.46	1325.57	1328.17	1346.17	1348.15	1358.07
1360.2	1362.84	1364.54	1365.71	1372.07	1377.46
1380.31	1395.97	1398.63	1401.78	1404.24	1407.49
1419.13	1423.7	1443.45	1444.12	1447.6	1448.51
1451.22	1462.26	1466.45	1467.42	1472.88	1495.05
1497.13	1502.79	1518.14	1534.07	1536.42	1536.62
1540.8	1544.96	1546.2	1554.45	1641.17	1643.56
1660.57	1662.16	1665.97	1686.14	2951.94	2977.5
2993.95	3022.64	3091.61	3149.13	3155.6	3157.26
3166.03	3167.19	3169.65	3170.49	3174.53	3174.79
3174.94	3185.68	3186.14	3186.87	3194.83	3198.51
3198.94	3201.18	3208.74	3217.32	3226.51	3248.09
3249.46	3251.74	3256.62	3258.57	3262.13	3266.61
3267.69	3271.98	3272.17	3275.41	3283.77	3353.11

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4.52	13.51	16.09	21.45	24.92	27.55
30.71	33.68	37.46	39.35	46.7	47.21
55.56	60.45	63.07	65.53	74.42	74.97
89.43	91.35	95.17	101.36	104.01	111.57
127.74	137.09	146.44	152.35	162.07	165.75
168.71	174.7	184.94	196.08	197.5	207.86
210.59	217.11	233.76	246.82	250.2	251.17
255.44	267.33	267.99	281.06	284.87	290.43
299.91	312.94	326.33	329.63	338.11	343.28
354.41	365.57	368.16	398.64	408.66	411.47
416.37	419.68	425.88	428.3	444.47	453.68
455.63	459.7	464.84	471.55	478	484.95
488.67	490.91	495.66	514.02	537.59	541.54
563.95	565.86	574.65	576.02	577.87	579.34
581.36	582.66	593.2	605.83	608.74	610.02
620.89	630.61	633.87	637	641.47	651.61
661.24	689.68	708.03	708.84	714.23	730.3
731.35	754.66	757.74	779.51	785.81	786.39
815.63	824.24	825.97	827.74	830.68	833.32
834.47	841.95	845.36	845.88	845.98	848.69
850.41	857.62	860.43	862.15	862.48	864.27
865.41	866.94	870.19	874.18	882.14	884.54
890.72	891.45	897.2	899.97	903.32	904.28
911.54	922.97	936.4	937.89	942.73	951.09
972.7	974.82	976.83	983.22	989.21	990.85

996.14	1001.01	1005.24	1014.59	1016.43	1022.5
1023.55	1028.5	1029.62	1035.46	1038.89	1040.15
1050.05	1056.44	1057.75	1058.02	1062.91	1066.47
1076.91	1077.57	1084.16	1087.31	1091.06	1093.53
1096.66	1101.51	1112.34	1117.77	1126.02	1130.3
1133.47	1140.88	1154.58	1180.02	1195.66	1196.68
1197.42	1213.94	1215.1	1217.56	1222.77	1230.85
1233.14	1244.93	1246.67	1250.78	1253.98	1264.23
1267.26	1270.05	1285.97	1292.99	1298.77	1301.17
1310.36	1327.84	1331.74	1340.9	1350.1	1362.84
1364.01	1365.07	1366.92	1370.12	1381.21	1389.72
1393.19	1393.38	1397.55	1401.32	1404.09	1408.63
1418.23	1424.64	1439.98	1441.32	1448.63	1450.62
1461.6	1465.86	1466.47	1468	1474.35	1495.9
1496.87	1517.98	1536.67	1538.49	1539.73	1541.26
1543.16	1548.08	1562.26	1639.18	1643.47	1661.61
1664.15	1665.81	1686.86	1755.4	2953.23	2987.24
2997.58	3036.79	3052.29	3163.95	3165.99	3174.67
3177.21	3177.33	3179.46	3188.59	3189.99	3197.19
3200.22	3200.49	3203.11	3210.89	3221.05	3221.59
3227.09	3237.75	3247	3247.88	3249.42	3252.37
3256.51	3258.09	3262.11	3264.3	3269.14	3270.46
3271.51	3275.31	3277.64	3279.29	3305.18	3337.01

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18.19	24.18	28.7	37.63	44.12	48.26
54.06	57.21	58.9	63.52	66.38	69.33
77.99	79.37	80.8	86.6	90.76	101.76
110.26	112.47	118.09	128.65	135.76	155.33
158.15	168.63	173.1	185.91	193.44	199.98
204.19	215.12	221.57	228.2	235.49	241.09
243.6	250.81	255.19	262.47	268.35	271.87
285.66	295.18	313.38	321.02	337.49	348.08
349.84	367.87	376.98	380.41	390.06	398.15
410.15	416.67	433.12	437.43	446.11	448.24
458.33	470.92	472.95	482.59	491.51	504.35
508.97	513.27	518.95	532.76	557.1	564.77
569.46	601.25	614.29	625.75	635.87	650.16
666.31	672.99	683.89	710.71	731.07	734.42
752.17	760.85	764.31	770.01	783.85	791.44
801.13	809.98	811.59	815.7	817.54	827.42
846.46	855.19	862.98	867.14	870.67	880.25
893.18	899.93	902.18	906.53	911.52	913.99
915.33	915.71	918.78	919.86	939.89	941.93

944.86	945.73	949.81	956.07	967.44	973.18
975.37	989.55	993.9	999.96	1003.28	1009.83
1011.32	1024.59	1031.37	1035.51	1037.45	1043.38
1044.18	1045.13	1062.52	1064.73	1068.93	1075.41
1078.75	1083.32	1085.82	1093.86	1099.09	1100.97
1103.59	1106	1120.46	1145.41	1145.84	1150.41
1152.98	1155.25	1156.76	1177.26	1182.85	1191.16
1194.73	1202.83	1207.48	1207.67	1211.36	1216.22
1218.54	1223.53	1231.87	1235.52	1253.55	1267.64
1275.78	1278.49	1285	1288.2	1290.11	1294.48
1296.23	1298.38	1299.4	1307.29	1311.77	1313
1324.47	1330.99	1340.48	1342.27	1342.85	1351.05
1355.51	1363.18	1367.12	1372.54	1372.75	1372.89
1376.74	1383.23	1388.68	1390.79	1392.52	1392.88
1393.86	1394.6	1400.03	1405.31	1423.05	1424.25
1433.15	1440.96	1464.28	1474.91	1475.77	1488.73
1494.11	1498.05	1499.87	1500.34	1500.56	1501.93
1504.73	1505.58	1507.89	1508.4	1510.36	1511.97
1513.7	1515.82	1517.76	1519.75	1524.52	1529.88
1531.88	1571.15	1609.79	1617.38	1624.61	1639.65
1661.41	1734	3008.05	3009	3010.89	3013.36
3013.97	3020.71	3023.28	3023.65	3024.05	3029.4
3032.81	3034.92	3035.41	3041.9	3053.46	3061.5
3066.75	3070.77	3073.71	3074.66	3076.29	3076.52
3078.76	3080.99	3082.18	3083.2	3084.51	3096.37
3100.87	3102.15	3113.35	3122.53	3123.18	3126.02
3132.07	3137.83	3139.4	3141.12	3157.25	3159.46
3169.2	3180.72	3185.44	3190.92	3200.51	3203.39
3209.21	3211.41	3215.79	3217.11	3235.19	3441.08

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22.45	31.63	33.35	38.83	43.01	44.74
50.45	56.05	57.56	63.23	68.45	74.21
76.51	82.03	83.44	90.64	97.16	101.83
109.08	117.78	125.1	129.32	132.3	141.36
159.18	161.93	163.39	189.44	193.72	198.37
206.5	217.29	219.27	229.88	242.21	243.67
247.42	257	260.89	262.5	278.32	283.3
286.73	292.49	302.01	328.14	332.11	346.69
353.18	369.03	371.37	378.3	392.54	397.74
403.72	421.06	426.88	439.29	442.08	443.49
445.7	464.15	473.37	482.5	486.43	495.65
499.92	501.1	504.89	516.85	520.19	540.39
577.69	583.99	591.53	609.33	626.32	633.43

648.38	671.01	675.98	712.21	719.08	724.03
748.81	751.06	758.99	768.85	783.41	791.86
803.43	808.25	810.18	814.51	827.31	827.73
851.17	853.79	855.65	862.05	864.51	865.72
875.12	886.78	907.02	911.19	911.82	914.46
916.3	918.38	919.6	922.67	923.39	943.45
946.67	946.87	948.9	973.49	974.06	979.35
986.96	987.78	1000.54	1005.49	1008.92	1013.03
1016.67	1029.35	1035.75	1040.96	1044.38	1045.27
1047.09	1050.66	1059.16	1061.44	1071.35	1073.13
1076.28	1082.99	1089	1095.15	1101.61	1102.51
1106.99	1109.23	1122.98	1125.96	1145.08	1149.14
1152.64	1152.97	1156.5	1169.07	1169.73	1183.07
1190.74	1191.88	1197.09	1200.61	1207.22	1210.82
1214.29	1218.42	1224.1	1243.02	1252.59	1272.33
1275.59	1277.44	1282.74	1283.65	1289.56	1291.14
1295.77	1298.09	1300.26	1306.93	1308.54	1312.2
1325.06	1330.04	1333.52	1341.96	1343.88	1350.59
1352.37	1361.78	1363.87	1370.55	1372.48	1373.89
1376.08	1381.91	1389.19	1391.59	1393.36	1394.79
1397.2	1398.5	1402.56	1406.7	1419.67	1422.26
1426.88	1440.35	1462.45	1469.27	1477.3	1485.69
1498.89	1500.61	1501.13	1501.94	1502.63	1502.98
1506.95	1507.49	1510.89	1511.54	1512.7	1512.87
1514.68	1515.28	1519.77	1525.77	1529.14	1529.91
1530.81	1552.45	1557.3	1609.07	1616.94	1622.53
1707.02	1777.82	3004.89	3006.79	3007.81	3009.94
3018.48	3024.31	3027.53	3028.31	3031.21	3032.57
3036.57	3040.53	3043.24	3045.13	3047.87	3061.38
3065.3	3066.35	3067.75	3072.23	3072.68	3074.41
3080.71	3084.72	3090.57	3092.08	3098.29	3100.11
3104.65	3105.22	3112.37	3115.95	3117.49	3121.78
3124.2	3137.11	3137.58	3151.13	3151.85	3160.09
3162.73	3166.48	3177.92	3183.96	3187.86	3196.88
3218.92	3222.51	3230.13	3257	3261.03	3622.59

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-281.2	11.7	15.03	25.43	27.24	33.03
43.03	45.8	54.61	57.84	59.09	60.8
68.57	71.45	75.4	84.8	86.21	92.79
100.74	110.9	120.55	121.38	134.09	142.34
152.22	156.28	165.2	176.61	194.34	197.14
215.15	217.71	221.92	239.08	239.37	243.64
245.31	248.64	255.76	256.88	270.46	285.11

286.59	299.64	304.13	319.57	334.59	348.59
355.03	357.11	368.81	379.6	382.54	394.79
400.82	421.23	427.21	433.82	438.8	443.72
448.33	452.55	458.99	466.89	482.41	489.82
498.13	504.24	509.46	516.16	528.65	550.98
580.91	585.42	602.42	621.14	635.65	640.13
640.97	655.1	665.85	710.86	725.61	729.86
731.95	766.24	769.98	775.43	776.17	786.44
802.34	805.9	808.68	811.99	827.6	828.87
852.4	855.06	857.85	862.01	865.02	867.62
880.39	894.96	905.99	906.88	913.18	913.4
917.24	918.22	921.26	924.97	938.04	944.24
946.57	953.59	964.69	970.51	972.92	979.2
989.59	991.88	994.05	1001.99	1004.35	1005.64
1011.91	1019.8	1028.4	1041.11	1043.71	1045.28
1048.95	1057.43	1061.69	1063.48	1064.22	1070.68
1075.77	1084.75	1094.21	1094.54	1098.69	1105
1106.86	1109.92	1120.09	1126.35	1129.91	1148.41
1153.36	1154.1	1171.85	1173.87	1182.3	1184.28
1191.93	1195.56	1197.44	1204.05	1209.19	1211.31
1213.72	1217.06	1222.5	1237.18	1239.97	1263.34
1270.01	1271.73	1273.29	1277.83	1288.35	1290.41
1292.19	1294.88	1298.76	1306.66	1308.64	1321.84
1323.49	1327.98	1332.05	1334.69	1340.9	1343.67
1353.14	1361.72	1369.17	1370.24	1372.52	1373.03
1373.72	1382.06	1387.16	1389.33	1389.83	1393.06
1394.77	1396.41	1396.71	1401.67	1421.36	1421.95
1431.2	1439.59	1467.06	1468.47	1471.34	1478.42
1487.27	1492.8	1495.99	1499.26	1500.79	1501.13
1501.78	1502	1502.43	1502.58	1507.43	1509.22
1510.82	1513.11	1517.43	1519.79	1521.42	1523.46
1529.19	1531.14	1553.59	1603.87	1609.17	1618.9
1698.29	1772.32	3003.24	3005.52	3005.6	3008.02
3015.57	3020.65	3023.38	3025.83	3026.8	3030.33
3035.51	3035.85	3041.23	3042.44	3051.91	3052.2
3056.5	3064.01	3064.73	3068.69	3069.11	3070.79
3072.17	3078.32	3088.6	3094.93	3096.54	3098.82
3099.58	3102.81	3111.54	3116.13	3122.33	3126.11
3129.9	3130.62	3137	3145.8	3158.26	3163.01
3174.21	3181.76	3184.33	3186.18	3187.88	3196.28
3200.11	3209.7	3215.71	3236.27	3240.49	3624.79

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11.05	19.18	27.47	29.72	36.8	38.84
45.18	52.43	56.72	62.77	64.36	67.98
69.84	74.91	84.5	88.14	92.01	97.13
102.45	109.79	118.53	125.69	132.38	142.65
159.25	162.17	178.87	185.51	187.84	197.22
212.14	216.88	225.01	235.93	240.58	244.65
249.06	254.89	259.51	270.83	283.85	286.3
293	303.42	317.04	334.07	335.14	352.21
356.88	370.21	378.02	385.52	392.89	399.66
414.91	417.05	429.42	444.13	447.03	447.37
458.68	468.43	480.98	481.47	492.92	506.29
515.9	520.05	521.04	532.66	550.29	568.14
585.08	601.32	608.15	628.31	642.8	648.28
664.58	685.73	713.9	720.77	726.37	752.79
762.88	773.6	774	785.73	788.05	806.3
809.18	809.65	813.82	826.37	835.16	850.28
852.7	857.38	857.96	861.53	863.76	877.84
889.53	895.94	909.64	913.71	915.78	918.38
918.78	919.75	928	934.02	942.79	944.82
945.63	953.32	972.61	977.47	978.41	987.48
994.9	998.57	1003.76	1011.05	1013.51	1021.11
1028.1	1035.79	1043.22	1044.32	1046.22	1048.74
1054.5	1060.92	1064.09	1069.16	1072.64	1074.91
1083.32	1094.53	1097.73	1100.44	1106.5	1108.24
1108.41	1124.28	1126.23	1130.27	1147.23	1152.5
1156.2	1167.83	1172.6	1182.83	1186.1	1195.12
1195.53	1196.28	1200.31	1204.74	1213.87	1215.07
1217.98	1222.36	1223.62	1237.89	1250.12	1263.02
1265.67	1268.07	1274.89	1277.7	1288.65	1291
1294.49	1298.93	1300.56	1307.05	1310.22	1315.44
1320.16	1331.18	1337.41	1342.5	1348.45	1360.93
1364.75	1366.79	1368.73	1369.43	1372.67	1373.32
1374.45	1385.59	1389.13	1390.56	1391.98	1393.8
1396.18	1397.25	1398.12	1402.72	1412.12	1419
1420.87	1434.05	1439.05	1465.35	1474.48	1480.71
1483.34	1487.39	1496.11	1497.78	1500.13	1500.61
1500.82	1501.76	1503.15	1506.22	1510.75	1510.94
1513.04	1514.67	1517.66	1519.26	1523.5	1527.69
1529.46	1530.2	1533.71	1616.32	1617.83	1641.66
1704.52	1771.85	3003.09	3003.4	3003.55	3007.57
3017.25	3021.53	3022.68	3023.36	3025.4	3026.7
3030.15	3035.23	3039.38	3040.5	3041.72	3052.16
3063.73	3065.19	3067.39	3068.54	3068.99	3069.65
3072.03	3073.06	3077.71	3086.16	3092.73	3095.84
3096.54	3098.06	3102.34	3110.68	3116.69	3121.8
3124.89	3130.79	3135.94	3138.28	3139.23	3147.79

3151.77	3177.13	3181	3184.86	3191.44	3194.36
3204.88	3220.77	3229.84	3235.44	3240.99	3629.42

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-669.03	15.36	19.22	25.29	30.3	31.61
37.65	52.88	55.77	56.92	59.11	60.81
65.73	72.11	77.97	84.04	84.97	89.87
92.59	95.69	108.62	126.44	131.9	140.56
150.64	153.57	176.22	182.67	192.22	199.24
207.95	222.5	223.69	244.15	245.2	245.87
251.41	261.2	264.93	272.43	273.34	286.26
289.18	296.35	305.54	328.35	338.57	349.79
357.81	361.2	366.2	373.86	396.57	408.06
411.47	414.33	419.84	428.92	445.73	449.77
451.72	465.26	480.94	488.01	490.71	499.86
501.96	506.66	521.47	528.74	531.18	547.07
559.91	589.89	597.04	624.29	630.21	631.65
642.26	650.06	665.78	701.34	713.96	726.81
742.94	759.82	764.71	769.67	775.22	786.49
790.87	803.45	807.98	810.4	812.72	814.55
819.61	828.6	854.93	856.34	861.03	864.55
876.77	879.4	893.72	894.96	909.51	914.13
914.94	917.56	919.67	923.79	928.34	930.55
940.52	944.52	946.66	946.74	953.73	972.17
973.14	975.08	979.29	989.18	999.39	1003.82
1013.39	1017.36	1029.66	1031.06	1042.64	1044.22
1045.03	1047.66	1060.46	1062.26	1067.43	1068.16
1073.93	1075.5	1076.99	1093.16	1099.47	1103.64
1106.12	1116.21	1129.87	1131.22	1140.52	1148.19
1150.55	1153.29	1155.94	1172.83	1179.69	1183.1
1194.87	1197.19	1199.15	1202.57	1205.11	1211.35
1215.45	1219.47	1223.13	1237.07	1243.28	1268.87
1271.04	1274.19	1276.16	1278.5	1287.83	1288.88
1292.25	1295.57	1298.34	1305.43	1307.43	1315.47
1323.33	1333.28	1336.09	1339.84	1342.47	1348.09
1360.97	1362.95	1366.09	1370.19	1372.85	1373.09
1375.37	1382.36	1387.32	1388.16	1389.82	1390.71
1392.83	1393.82	1397.69	1402.26	1421.65	1425.78
1435.3	1439.79	1444.63	1471.11	1477.8	1485.46
1486.92	1497.74	1500.22	1500.95	1501.17	1501.27
1502.2	1504.91	1505.04	1509.13	1510.3	1512.83
1515.93	1518.99	1519.53	1524.23	1526.19	1532.16
1533.1	1535.61	1578.67	1589.1	1634.86	1659.22
1695.91	1758.09	2067.94	3003.36	3005.1	3007.89
3008.67	3014.38	3022.73	3022.98	3024.12	3026.24
3030.4	3032.15	3035.5	3043.16	3044.11	3050.83
3057.82	3058.85	3067.39	3069.25	3070.72	3071.67

3073.42	3078.07	3086	3094.06	3095.37	3096.9
3102.4	3103.11	3113.08	3115.41	3116.83	3121.56
3126.8	3132.41	3137.21	3140.83	3159.35	3164.86
3177.7	3186.09	3188.26	3195.06	3202.97	3210.25
3213.64	3215.52	3216.31	3218.92	3230.12	3614.55

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9.02	18.49	23.23	34.94	39.08	43.12
48.2	53.11	55.37	58.31	62.76	63.45
76.31	76.95	81.56	86.36	89.24	103.1
116.6	126.08	127.63	133.26	140.01	149.68
157.15	171.98	178.59	186.35	196.7	212.67
218.56	229.86	231.92	238.56	239.97	245.38
250.84	258.67	261.78	274.5	282.38	284.92
304.77	321.34	330.76	336.17	346.82	351.34
353.42	363.28	374.5	387.67	398.67	417.07
425.09	430.04	432.34	441.23	444.6	449.23
464.08	470.31	480.57	486.64	491.86	504.71
510.29	518.37	523.19	544.01	549.51	564.38
573.37	579.78	606.56	627.38	638.63	639.59
665.64	690.38	715.21	726.79	732.99	744.73
763.17	771.61	779.32	780.02	798.43	804.33
810.44	811.99	815.93	817.06	829.54	833.64
854.04	855.86	860.46	862.78	865.17	873.69
887.47	910.52	911.16	913.3	914.66	917.8
919.43	920.29	937.56	941.96	944.57	946.4
947.14	950.83	953.26	972.26	972.87	981.14
993.74	997.98	1000.85	1007.09	1015.3	1016.28
1027.46	1028.44	1043.08	1047.02	1047.66	1050.45
1057.55	1059.16	1061.58	1067.75	1072.48	1075.11
1075.38	1084.3	1094.16	1094.97	1103.11	1105.22
1106.57	1117.18	1124.4	1126.8	1149.33	1152.8
1158.03	1172.22	1175.94	1184.82	1191.84	1195.1
1196	1198.24	1201.1	1206.58	1216.07	1218.47
1220.79	1222.95	1224.39	1243.07	1244.42	1264.6
1269.36	1271.92	1275.95	1281.34	1289.17	1290.4
1294.6	1296.51	1299.53	1306.24	1308.45	1321.71
1330.73	1336.82	1339.44	1340.95	1350.36	1358.42
1363	1365.02	1372.04	1372.67	1373.24	1374.18
1375.78	1383.91	1389.65	1390.07	1392.68	1393.57
1395.16	1396.71	1403.55	1406.63	1410.41	1420.65
1420.98	1436.13	1439.01	1473.47	1474.71	1478.29
1495.66	1496.13	1499.97	1500.6	1501.37	1502.08
1502.31	1503.75	1509.72	1510.17	1512.69	1514.4
1515.28	1516.63	1518.71	1519.24	1522.86	1526.32

1530.16	1531.12	1537.56	1561.41	1639.56	1658.28
1698.68	1758.95	3005.89	3006.45	3008.53	3013.27
3018.04	3024.92	3025.9	3027.78	3029.96	3033.98
3035.38	3039.87	3043.34	3043.58	3045.23	3045.93
3053.44	3056.72	3059.88	3067.5	3070.48	3070.73
3073.99	3074.76	3080.12	3084.98	3089.41	3094.19
3096.17	3097.96	3100.74	3102.56	3111.83	3116.64
3120.66	3127.64	3136.17	3145.88	3147.54	3151.45
3152.06	3165.29	3165.49	3176.8	3186.17	3199.34
3206.83	3206.85	3209.52	3227.84	3239.94	3618.1

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-229.53	16.89	27.65	29.56	35.74	38.94
42.8	45.35	47.5	55.8	59.08	64.42
70.08	71.95	74.39	84.91	89.57	91.62
99.08	103.4	114.09	115.38	128.18	140.36
159.38	162.92	172.98	178.4	181.42	185.39
191.68	201.34	217.03	225.04	238.65	244.08
248.27	254.13	262.06	264.94	268.23	275.87
287.41	293.86	307.23	330.13	334.55	344.82
347.31	350.67	365.15	375.56	384.7	392.1
397.24	411.14	416.14	430.17	432.12	446
449.98	453.79	461.43	463.14	478.75	486.19
504.47	509.1	513.84	522.79	541.57	550.23
554.63	582.95	589.02	606.47	612.84	628.79
648.49	665.02	691.38	717.17	720.05	728.44
747.9	772.66	773.88	775.34	776.58	804.14
805.13	806.61	812.94	816.99	830.07	833.31
844.5	855.2	862.56	864.18	864.58	871.07
880.9	882.66	896.69	910.19	913.36	914.35
915.57	916.82	917.67	930.03	939.33	942.29
945.43	946.76	956.25	959.52	973.09	976.57
976.72	991.52	1000.35	1003.07	1006.99	1012.91
1015.73	1026.52	1031.94	1041.38	1044.3	1045.43
1050.36	1058.93	1063	1065.71	1065.97	1073.41
1076.41	1081.01	1091.35	1097.46	1099.78	1104.64
1106.44	1123.16	1127.29	1149.16	1152.8	1153.82
1158.37	1176.95	1179.64	1182.3	1193.82	1196.4
1199.14	1203.91	1210.05	1212.16	1214.06	1216.54
1220.09	1222.89	1240.22	1241.95	1264.4	1270.3
1271.26	1280.91	1283.83	1288.56	1293.04	1293.69
1296.16	1298.87	1308.91	1310.7	1321.4	1333.12
1339.96	1343.83	1349.54	1350.41	1360.54	1365.16
1368.78	1372.72	1374.27	1374.61	1376.37	1379.63

1385.37	1388.08	1391.79	1393.25	1393.57	1395.06
1396.4	1404.34	1407.21	1408.18	1420.4	1421.59
1439.39	1441.88	1474.5	1477.98	1481.74	1494.44
1495.55	1497.59	1499.27	1500.27	1501.32	1501.78
1502.25	1504.54	1506.43	1508.85	1512.44	1513.12
1516.71	1518.91	1519.59	1525.98	1530.89	1531.73
1534.56	1539.48	1544.59	1557.11	1641.59	1660.74
1691.15	1761.6	3002.05	3004.97	3007.16	3008.94
3015.16	3018.99	3019.39	3020.23	3025.03	3027.67
3030.58	3033.23	3035.56	3037.44	3040.1	3041.17
3051.98	3061.84	3062.12	3066	3070.17	3071.64
3072.2	3077.07	3083.16	3089.21	3090.82	3094.25
3097.01	3099.42	3103.2	3108.6	3111.66	3115.66
3118.22	3134.69	3136.61	3144.6	3150.26	3165.31
3167.51	3177.75	3184.27	3184.71	3187.67	3198.97
3205.98	3213.03	3213.25	3219.86	3240.92	3629.03

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9.06	22.21	23.7	25.73	27.42	39.5
42.88	45.56	50.32	54.87	60.22	66.53
72.41	77.43	79.66	88.46	93.28	95.79
112.87	116.78	127.76	134.19	147.66	152.45
159.3	166.79	172.09	177.81	181.82	194.61
209.05	216.64	227.5	236.87	241.74	245.73
251.22	255.14	261.78	265.66	273.83	278.36
286.74	299.05	310.1	334.71	339.85	347.89
352.08	354.28	357.02	374.45	386.05	394.49
400.11	413.19	414.53	428.4	442.98	444.1
447.21	450.96	464.09	467.89	486.39	497.82
505.7	507.01	509.82	518.26	532.54	550.16
558.06	569.42	573.32	601.59	610.01	617.5
634.92	645.21	663.72	679.62	715.78	724.33
761.44	766.36	769.86	776.47	781.02	798.23
803.98	806.62	811.29	815.11	828.54	833.96
842.31	855.25	860.04	862.16	864.54	871.31
883.94	890.88	897.02	909.02	912.06	913.52
916.22	916.99	919.99	921.22	928.73	942.86
946.19	947.53	950.22	954.72	973.23	973.64
976	986.12	1000.97	1002.38	1006.96	1014.33
1017.17	1027.39	1028.52	1042.25	1043.43	1046.21
1051.55	1058.57	1061.89	1065.7	1068.45	1074.94
1075.75	1086.16	1096.7	1103.58	1105.31	1107.59
1111.43	1123.53	1125.13	1129.44	1149.57	1152.52
1153.78	1177.09	1184.75	1194.36	1195.38	1197.1

1198.34	1200.82	1203.23	1211.09	1217.59	1218.91
1223.71	1230.06	1240.58	1246.7	1268.26	1273.73
1281.34	1287.51	1288.66	1293.25	1295.03	1296.23
1297.46	1302.93	1307.46	1310.72	1313.28	1320.63
1337.12	1340.61	1340.93	1350.5	1361.68	1364.93
1367.32	1369.29	1371.45	1372.8	1373.46	1375.74
1379.44	1388.31	1389.07	1391.56	1392.55	1394.1
1395.75	1401.27	1404	1411.92	1422	1423.76
1430.7	1440.01	1472.15	1474.85	1492.39	1495.18
1498.83	1499.87	1500.22	1501.45	1502.16	1502.4
1505.14	1506.04	1510.18	1511.47	1512.79	1515.36
1519.79	1520.17	1526	1527.79	1531.55	1533.28
1538.28	1545.28	1565.75	1602.24	1640.94	1661.21
1696.44	1745.19	3001.57	3005.21	3008.33	3011.84
3022.85	3023.3	3028.99	3030.59	3031.25	3031.88
3034.87	3036.33	3036.74	3041.86	3046.86	3047.22
3058.68	3061.14	3062.34	3062.76	3065.67	3070.33
3071.34	3073.05	3081.82	3096.94	3097.73	3100.72
3102.08	3103.88	3112.2	3116.15	3117.03	3117.88
3130.52	3135.53	3136.17	3148.82	3156.48	3162.12
3168.86	3170.44	3177.88	3186.23	3194.58	3201.13
3205.29	3216.18	3221.11	3226.82	3239.74	3623.46

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9.22	22.52	25.2	31	40.18	41.14
44.7	53.8	55.71	59.25	62.34	64.01
66.57	70.46	76.66	81.11	84.79	91.3
96.5	105.24	124.04	127.9	133.54	136.53
149.93	169.94	178.81	187.1	191.29	198.04
216.87	220.38	230.5	241.99	243.49	249.09
258.64	262.3	265.89	267.84	272.99	283.25
292.48	301.67	318.3	329.36	348.96	354.9
359.42	363.81	367.96	386.8	399.8	403.85
413.64	428.04	438.86	444.45	447.83	451.67
463.96	468.74	472.55	480.34	485.54	488.07
504.47	512.29	519.02	527.32	533.81	557.85
563.95	582.16	612.13	620.67	626.15	640.16
645.12	648.5	663.8	713.05	725.75	728.11
753.56	767.67	770.35	778.87	786.46	788.53
801.33	805.25	808.21	812.22	816.86	828.52
835.88	848.61	857.56	862.01	864.18	864.68
876.77	884.88	893.85	911.5	912.66	914.51
916.45	918.58	921.24	923.63	936.02	939.06
946.05	946.97	952.32	953.03	971.87	975.73

976.22	976.95	987.36	1000.56	1004.78	1009.56
1013.73	1016.45	1030.29	1034.86	1039.13	1044.81
1045.22	1048.75	1059.69	1064.42	1065.04	1066.86
1073.01	1075.57	1085.46	1094.85	1098.01	1104.43
1106.87	1109.62	1120.83	1128.65	1136.64	1148.77
1152.42	1153.81	1155.15	1174.14	1180.6	1183.92
1195.68	1196.76	1197.98	1203.25	1209.42	1210.64
1215.21	1215.7	1223.07	1239.42	1239.7	1264.31
1273.43	1275.58	1279.39	1284.93	1288.82	1291.86
1293.69	1294.81	1299.18	1306.66	1307.74	1322.59
1328.64	1331.87	1336.69	1341.09	1344.91	1352.6
1361.24	1363.2	1367.3	1369.97	1373.05	1373.71
1377.14	1378.03	1387.38	1388.13	1389.22	1393.24
1394.26	1397.75	1397.92	1400.6	1421.96	1424.53
1431.81	1440.13	1469.8	1475.92	1482.73	1489.41
1494.62	1499.92	1500.54	1500.79	1501.38	1502.03
1502.59	1504.81	1507.83	1509.54	1512.63	1514.39
1518.02	1519.72	1520.1	1521.48	1524.12	1531.16
1531.84	1538.03	1545.7	1631.03	1635.9	1657.63
1699.84	1753.65	2154.11	3005.52	3007.2	3008.7
3009.5	3014.46	3018.69	3023.22	3025.85	3026.07
3028.55	3031.19	3036.23	3036.65	3042.45	3045.71
3052.66	3058.27	3062.52	3066.99	3068.25	3070.43
3071.58	3074.77	3075.36	3097.15	3097.18	3098.22
3100.38	3104.3	3110.42	3112.79	3116.15	3119.96
3121.11	3126.46	3133.41	3145.29	3152.16	3163.7
3168.27	3174.98	3181.02	3184.04	3195.34	3202.31
3202.49	3207.09	3212.01	3217.72	3237.49	3629.95

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16.98	20.93	29.64	33.35	37.6	41.45
43.65	51.61	60.8	65.24	65.56	71.2
75.37	77.86	82.15	84.42	93.57	97.82
108.99	123.05	124.45	132.83	132.98	135.25
150.54	163.76	176.3	188.65	191.45	200.61
218.33	225.36	233.34	241.81	243.1	249.29
256.93	259.42	262.13	268.95	283.16	286.56
300.21	304.53	322.03	330.45	350.02	355.11
357.84	362.35	372.49	389.55	394.46	399.23
423.9	428.04	443.37	443.97	447.67	453.66
462.96	470.66	485.11	487.01	499.35	501.47
504.51	508.28	518.12	528.06	530	553.67
561.2	578	613.62	623.48	631.46	635.04
645.38	652.22	663	718.61	725.34	732.42

760.54	769.75	774.72	775.9	781.57	790.04
797.94	805.73	808.16	812	813.03	829.81
836.19	855.63	861.93	863.18	866.4	870.32
874.82	884.73	893.02	903.66	911.92	912.62
915.86	916.69	918.26	923.46	938.92	943.56
946.32	947.28	953.29	958.29	969.48	972.8
977.93	989.85	995.23	1004.28	1006.85	1010.65
1012.91	1015.67	1030.02	1033.42	1041.22	1043.35
1045.82	1049.13	1059.86	1066.39	1067.76	1074.24
1075.45	1076.19	1082.12	1095.74	1101.8	1105.09
1108.72	1117.58	1123.2	1128.06	1136.91	1149.32
1150.58	1152.37	1155.09	1175.95	1178.46	1184.51
1195.88	1196.27	1197.15	1205.09	1205.53	1209.9
1216.67	1222.2	1225.49	1234.01	1240.58	1267.53
1275.13	1278.42	1280.95	1287.36	1289.68	1292.25
1294.08	1296.27	1300.52	1306.95	1310.69	1325.26
1330.39	1336.34	1338.1	1340.23	1347.12	1352.47
1362.04	1367.18	1370.84	1373.56	1373.68	1376.56
1377.33	1382.51	1389.23	1391.81	1393.49	1394.62
1397.34	1397.85	1403.16	1406.73	1421.84	1422.12
1433.78	1440.03	1471.14	1474.99	1481.28	1489.91
1496.33	1500.3	1500.46	1501.63	1501.74	1502.43
1509.19	1509.44	1510.92	1512.55	1515.18	1515.65
1518.05	1519.41	1519.63	1521.59	1526.24	1531.03
1531.91	1540.45	1542.85	1611.54	1629.8	1657.54
1700.19	1737.56	2107.61	3004.66	3006.07	3006.58
3009.64	3011.15	3022.93	3024.8	3025.21	3029.45
3030.56	3034.12	3035.95	3040.63	3041.8	3044.79
3056.26	3056.86	3059.42	3066.03	3068.95	3070
3072.05	3072.32	3088.6	3091.5	3095.09	3096.78
3098.02	3103.4	3109.98	3111.63	3115.25	3115.91
3122.84	3126.23	3132.67	3136.76	3140.92	3153.37
3169.56	3177.91	3187.33	3200.17	3207.88	3215.02
3218.45	3221.5	3226.8	3238.58	3243.22	3624.58

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-649.94	6.61	15.09	17.87	31.71	35.38
45.95	48.55	51.93	60.99	61.79	62.14
66.37	67.92	74.47	79.55	84.51	89.9
96.67	112.62	118.53	124.53	133.9	139.64
146.93	151.03	168.31	177.26	191.62	192.47
212.53	221.25	224.88	226.66	238.24	242.61
244.87	251.6	261.92	266.23	279.17	288.09
291.77	304.14	311.33	328.28	329.63	340.93

349.02	356.89	360.77	375.93	390.76	399.2
404.73	415.5	421.86	429.59	446.64	447.07
450.52	469.73	479.45	490.12	496.45	500.27
507	510.79	526.93	536.09	549.34	553.58
581.86	593.39	600.83	618.42	621.14	627.95
634.27	662.46	664.95	711.4	722.16	727.61
751.63	761.85	767.98	776.87	784.95	788
795.69	803.72	810.26	813.34	817.1	828.22
831.51	847.87	854.29	855.36	861.51	864.69
867.13	873.87	875.57	895.05	910.4	912.56
915.5	916.24	917.91	919.7	925.51	943.36
945.3	946.89	947.25	952.16	962.69	972.31
978.41	986	992.42	1002.39	1004.67	1008.33
1014.85	1016.2	1021.09	1027.53	1040.58	1041.12
1044.03	1045.78	1062.22	1063.03	1066	1067.38
1068.3	1076.07	1083.68	1090.64	1098.21	1102.89
1104.47	1121.13	1125.71	1126.27	1145.87	1148.49
1152.74	1157.89	1174.55	1176.84	1183.49	1192.9
1194.06	1197.97	1200.87	1201.98	1211.34	1213.61
1221.46	1227.94	1230.92	1239.98	1253.22	1263.8
1272.55	1274.67	1276.96	1279.72	1285.85	1288.72
1292.56	1296.38	1299.6	1305.07	1306.67	1323.65
1325.06	1332.91	1337.02	1339.97	1344.67	1354.85
1359.91	1365.33	1370.45	1370.87	1371.75	1373.56
1376.25	1379.86	1386.46	1389.02	1391.22	1393.11
1394.21	1397.23	1400.26	1410.05	1421.31	1423.02
1438.27	1439.65	1473.03	1473.91	1485.95	1487.61
1496.53	1500.4	1500.93	1501.52	1501.85	1503.39
1503.66	1509.04	1510.58	1512.47	1514.3	1517.74
1519.54	1521.27	1524.89	1528.32	1530.36	1532.1
1535.45	1540.61	1541.65	1564.89	1635.05	1658.72
1701.46	1768.48	2061.76	3003.83	3005.43	3007.03
3008.14	3019.45	3019.5	3022.61	3022.91	3029.63
3030.29	3035.49	3036.76	3041.31	3044.07	3046.9
3053.98	3059.05	3064.52	3066.73	3068.62	3071.08
3071.28	3075.7	3089.49	3094.48	3094.85	3096.93
3097.24	3097.92	3103.35	3112.24	3115.99	3116.75
3129.35	3130.95	3134.95	3142.5	3146.47	3163.22
3164.4	3167.99	3178.42	3179.96	3189.39	3202.87
3214.21	3219.64	3226.37	3235.46	3239.03	3551.2

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11.44	15.07	21.74	25.54	28.88	33.51
42.49	50.22	55.08	58.21	58.37	65.62

71.92	75.34	76.45	80.76	87.81	97.83
107.65	114.01	121.75	131.43	139.33	151.32
156.22	162.84	176.98	186.76	192.49	211.29
212.91	220.1	226.27	231.61	241.03	247.45
251.34	260.29	263.54	272.43	273.68	288.03
300.41	311.88	323.4	329.04	336.7	349.56
355.9	366.99	376.77	385.46	395.49	402.11
415.3	418.29	428.14	446.2	450.58	457.8
467.25	484.85	487.37	488.56	499.75	506.53
509.36	519.53	527.91	539.47	551.19	578.66
586.89	604.27	615.75	628.61	631.11	645.98
660.57	662.87	716.15	727.58	748.24	759.8
769.38	769.63	776.89	780.22	800.83	803.98
808.76	813.37	816.5	825.92	829.31	842.26
850.64	853.18	857.66	863.83	866.68	873.32
876.1	896.39	910.15	912.96	915.41	916.56
916.95	926.84	936.78	942.22	942.93	944.62
947.05	953.98	958.59	972.22	976.44	982.35
991.03	1002.16	1003.55	1007.75	1013.83	1015.37
1022.57	1026.99	1039.58	1042.7	1044.28	1047.16
1062.4	1062.91	1065.44	1065.72	1069.48	1074.75
1081.23	1089.8	1090.81	1097.46	1101.56	1106.04
1117.74	1122.43	1126.72	1128.75	1148.24	1149.16
1152.83	1158.28	1166.41	1173.6	1182.09	1192.03
1194.36	1196.21	1196.93	1203.56	1211.88	1213.29
1220.15	1221.88	1224.08	1239.13	1250.84	1260.54
1268.16	1272.37	1275.89	1285.82	1288.25	1289.89
1292.51	1296.44	1299.31	1306.02	1307.97	1321.13
1331.76	1336.03	1341.4	1343.1	1345.98	1360.83
1366.57	1367.03	1370.37	1372.94	1373.4	1375.81
1380.07	1386.62	1388.12	1390.85	1391.99	1392.94
1393.48	1396.99	1399.71	1404.87	1421.68	1423.87
1438.01	1439.86	1469.71	1473.56	1486.76	1488.33
1493.24	1499.41	1500.65	1501.02	1501.37	1501.87
1502.75	1503.66	1505.9	1509.62	1511.91	1512.3
1513.37	1516.78	1518.26	1519.64	1526.09	1528.26
1531.37	1536.7	1537.85	1594.43	1637.24	1659.74
1701.93	1792.43	2199.96	3001.5	3005.64	3005.93
3008.66	3019.31	3023.66	3024.87	3026.3	3027.1
3030.05	3030.51	3033.49	3035.93	3039.05	3043.35
3045.57	3055.41	3064.61	3066.59	3067.93	3070.49
3072.03	3076.45	3080.13	3086.96	3093.96	3095.45
3097	3098.07	3103.56	3110.92	3116.52	3117.46
3127.51	3127.73	3130.86	3137.18	3148.5	3153.4
3163.83	3177.07	3179.25	3186.69	3186.91	3200.85
3206.5	3221.89	3222.61	3241.06	3243.24	3574.14

7.32	18.63	30.75	33.04	37.18	41.07
45.26	49.12	55.26	57.13	58.21	63.99
69.81	70.66	78.8	88.08	99.23	101.53
106.96	108.02	116.03	128.51	141.07	148.48
151.59	161.32	180.11	189.23	189.92	193.13
210.01	217.71	221.15	239.09	241.65	248.58
255.15	262.91	268.87	278.7	284.19	295.2
307.2	320.48	326.49	336.55	348.89	351.21
354.03	369.27	382.42	393.75	399.03	403.95
422.53	430	433.04	445.93	451.74	462.14
465.75	467.73	469.74	491.57	492.56	501.71
512.62	519.23	525.96	538.68	548.03	557.67
589.26	601.19	610.36	631.26	635.97	637.83
652.08	666.46	686.6	721.28	728.04	766.24
770.05	775.54	778.62	782.76	792.45	806.74
811.44	813.64	816.67	825.37	827.79	844.06
853.65	857.96	859.22	864.78	872.62	878.19
882.35	895.11	909.89	913.3	915.45	917.53
918.94	922.21	929.53	938.74	943.28	945.18
947.2	954.61	973.53	976.71	982.66	986.94
990.84	999.93	1005.57	1012.09	1016.3	1018.34
1020.35	1028.59	1038.14	1041.24	1044.79	1045.32
1049.39	1055.54	1062.72	1064.01	1069.87	1072.66
1075.27	1085.63	1088.54	1089.13	1097.43	1101.99
1108.16	1117.98	1126.36	1127.24	1148	1153.18
1156.76	1158.45	1174.61	1180.65	1189.31	1195.39
1196.03	1198.05	1205.72	1211.36	1214.27	1216.26
1222.1	1226.61	1234.06	1239.52	1260.08	1261.45
1271.21	1272.54	1277.76	1285.82	1287.95	1292.87
1294.45	1296.59	1299.34	1307.15	1309.79	1313.08
1321.03	1333.83	1338.45	1344.62	1346.12	1353.94
1361.54	1368.59	1371.62	1372.99	1374.52	1374.85
1378.61	1379.93	1383.78	1386.66	1391.73	1391.76
1393.3	1394.19	1397.28	1400.55	1401.49	1420.51
1421.56	1439.5	1443.99	1473.38	1476.54	1486.7
1487.72	1492.21	1496.91	1500.34	1501.12	1501.4
1501.94	1502.26	1503.36	1508.86	1511.73	1512.14
1512.8	1517.18	1519.71	1520.42	1528.99	1531.24
1537.05	1538.85	1539.35	1594.24	1631.07	1654.71
1685.63	1770.38	2991.79	3002.47	3004.02	3006.88
3008.85	3013.5	3018.26	3018.63	3018.84	3023.03
3023.42	3026.63	3029.68	3034.72	3037.13	3040.72
3043.14	3051.91	3058.08	3064.02	3068.14	3068.63

3070.32	3076.1	3078.9	3080.38	3091.38	3096.13
3097.86	3098.85	3102.38	3107.75	3110.97	3115.7
3117.38	3126.29	3131.1	3139.9	3140.82	3145.22
3147.94	3158.56	3171.7	3176.91	3184.52	3190.35
3199.13	3204.99	3212.12	3235.72	3279.08	3630.27

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-298.36	22.4	27.28	32.9	38.49	41.5
52	53.87	57.02	61.67	66.44	68.33
70.66	77.03	83.02	88.96	96.45	102.98
106.37	112.56	120.66	135.57	149.79	151.31
156.36	159.59	173.94	184.38	184.63	200.77
203.91	215.67	219.66	236.8	241.05	245.22
252.72	260.68	267.94	269.99	274.7	276.29
286.93	309.09	317.34	333.43	350.28	350.89
360.57	368.15	373.06	379.01	380.7	394.46
402.26	415.43	429.22	433.61	445.91	448.75
451.73	459	461.54	472.37	480.49	486.12
502.36	512.59	519.94	533.59	540.37	548.23
586.66	588.58	599.75	611.47	612.75	635.19
642.35	647.1	665.95	685.45	726.57	732.41
763.97	765.95	772.34	778.44	779.97	789.49
805.48	807.18	809.61	812.31	813.81	828.31
832.82	853.23	854.85	860.04	863.29	871.22
880	885.21	902.22	910.23	911.54	913.97
914.45	917.74	919.11	924.27	941.84	943.8
946.66	951.34	953.41	957.46	973.74	978.41
990.13	1002.75	1004.39	1008.89	1013.77	1014.44
1015.04	1027.89	1036.24	1042.56	1044.85	1048.05
1049.94	1053.67	1062.19	1069.57	1071.99	1073.94
1074.85	1076.02	1093.04	1100.55	1104.49	1105.72
1107.59	1120.71	1127.38	1127.71	1148.4	1154.29
1156.85	1175.21	1182.36	1182.75	1194.6	1195.09
1198.18	1201.17	1204.22	1211.73	1213.9	1217.01
1221.96	1223.42	1233.99	1246.69	1266.58	1269.8
1274.98	1279.49	1280.14	1288.93	1292.62	1293.83
1295.87	1298.64	1300.91	1308.7	1310.75	1321.9
1334.51	1336.36	1342.55	1343.5	1348.66	1356.31
1359.34	1366.43	1372.2	1373.64	1374.84	1377.58
1379.99	1385.79	1388.83	1390.92	1392.93	1393.29
1397.74	1398.62	1399.63	1405.59	1421.6	1422.96
1439.54	1440.17	1475.19	1483.41	1483.98	1489.39
1495.92	1497.5	1499.51	1500.25	1500.7	1501.61
1502.37	1504.95	1505.68	1507.44	1511.87	1513.03

1513.28	1519.72	1522.7	1525.27	1528.46	1531.32
1535.21	1540.01	1542.86	1557.83	1617.51	1652.14
1695.03	1765.99	2976.31	3001.29	3002.17	3006.35
3008.98	3016.78	3017.34	3021.33	3021.41	3025.7
3030.07	3034.85	3036.69	3038.31	3038.68	3040.95
3054.36	3063.23	3064.47	3064.82	3069.55	3070.04
3072.21	3073.49	3077.3	3085.46	3088.73	3089.08
3096.22	3102.47	3111.58	3112.38	3116.48	3120.12
3126.94	3128.39	3132	3132.1	3138.29	3142.62
3144.08	3153.57	3171.1	3176.7	3183.89	3185.97
3198.22	3204.24	3213.12	3238.52	3241.5	3621.12

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12.42	19.03	27.79	34.27	40.48	44.14
55.12	58.09	59	63.91	69.41	74.33
75.7	77.15	82.96	94.61	99.13	104.5
105.92	111.62	114.51	119.88	130.97	140.79
150.62	157.72	158.69	173.55	180.6	189.82
193.57	206.34	214.92	220.94	221.24	242.11
244.3	250.58	265.96	269.14	274.09	284.35
293.88	303.6	312.46	336.17	347.73	349.91
359.76	362.2	371.25	374.07	378.8	396.59
407.68	415.95	426.5	436.65	446.08	454.86
457.35	457.99	466.99	470.94	488.12	496.59
502.97	517.1	522.53	527.54	546.63	551.85
570.49	592.36	596.02	604.67	610.65	622.78
625.26	632.94	668.38	692.46	715.88	725.34
761.68	767.96	768.09	771.87	779.98	788.88
803.47	808.15	810.49	814.06	817.3	828.81
835.4	856.31	858.99	861.08	863.94	867.59
876.09	893.77	903.37	909.06	913.27	915.73
918.01	921.21	925.83	931.1	934.11	943.03
946.98	947.82	955.51	956.21	973.3	977.05
979.85	991.14	1001.4	1004.21	1010.89	1012.84
1017.01	1026.59	1037.59	1042.06	1046.39	1047.25
1055.13	1060.92	1063.41	1069.95	1072.42	1074.83
1075.54	1090.65	1099.18	1103.43	1103.55	1107.33
1108.35	1124.05	1126.06	1127.47	1147.57	1152.37
1156.29	1176.03	1178.59	1182.04	1193.98	1199.3
1200.09	1201.95	1204.49	1210.13	1212.08	1215.19
1222.86	1233.12	1241.2	1244.76	1265.32	1266.96
1270.52	1276.66	1284.47	1288.61	1292.58	1293.63
1296.38	1299.16	1308.19	1310.14	1322.03	1329.53
1331.76	1338.88	1344.48	1345.71	1348.59	1357.47

1365.04	1372.51	1373.44	1374.42	1376.4	1379.49
1385.62	1388.42	1390.13	1390.92	1393.43	1394.31
1395.72	1398.64	1400.38	1402.63	1415.15	1420.98
1438.51	1439.25	1470.76	1474.05	1485.36	1487.65
1496.76	1497.22	1500.08	1500.35	1501.28	1502.31
1503.81	1504.88	1505.84	1511.55	1511.84	1513.11
1518.14	1519.35	1521.93	1525.1	1527.54	1531.6
1536.75	1541.31	1541.93	1628.21	1654.46	1686.93
1755.88	1775.69	3000.24	3003.11	3008.48	3011.7
3016.65	3016.68	3017.94	3018	3018.37	3029.37
3030.77	3032.7	3034.31	3039.36	3039.45	3044.57
3049.7	3059.14	3063.66	3064.93	3068.47	3071.31
3072.38	3087.7	3088.71	3090.77	3093.58	3095.44
3101.7	3103.07	3107.92	3112.18	3113.36	3114.71
3116.9	3133.64	3143.75	3145.5	3148	3169.55
3170.98	3173.75	3179.18	3197	3216.94	3219.05
3226.2	3230.2	3235.46	3251.77	3260.01	3615.66

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13.3	18.44	21.56	28.89	32.15	34.48
35.93	43.24	46.89	49.83	59.49	62.06
64.74	66.92	68.48	71.62	77.94	86.12
88.02	93.03	95.22	101.03	112.21	116.02
137.69	140.93	149.84	161.67	165.43	167.95
174.08	180.53	183.72	193.57	201.3	216.04
217.9	227.83	242.18	245.87	247.38	265.16
267.8	278.21	282.04	285.46	295.51	310.16
313.01	327.99	330.99	337.18	342.35	364.01
367.82	378.98	385.17	410.81	418.9	421.45
423.31	427.64	434.7	447.19	449.64	464.44
466.3	471.75	474.62	477.36	485.11	490.35
494.18	499.99	516.57	523.49	529.96	555.82
563.9	571.06	573.6	575.1	576.09	578.21
581.14	591.24	598.01	604.21	610.88	614.81
622.36	631.75	633.81	636.14	648.42	659.32
667.46	690.31	704.9	709.17	714.23	723.01
733.13	756.6	756.85	777.33	782.92	798.76
820.85	825.44	825.93	829.89	831.2	832.39
837.16	838.67	842.93	844.86	845.37	846.39
848.2	849.1	853.74	859.61	860.75	861.47
862.34	865.46	868.34	869.61	871.86	880.28
882.84	889.59	891.12	891.83	893.98	894.65
905.19	905.5	910.86	927.28	935.11	937.68
946.95	950.94	972.25	980.32	980.61	987.97

989.95	1000.04	1004.31	1004.65	1012.84	1016.86
1020.49	1027.99	1028.81	1032.93	1036.39	1042.78
1044.88	1049.5	1055.9	1057.89	1061.33	1071.76
1075.51	1077.09	1081.36	1083.53	1085.7	1087.15
1093.9	1100.41	1105.41	1110.32	1115.57	1116.78
1134.32	1139.28	1140.39	1140.89	1150.62	1151.78
1195.6	1196.4	1213.83	1217.91	1218.11	1229.49
1231.76	1234.31	1239.44	1246.75	1259.15	1263.17
1267.27	1273.44	1286.07	1292.52	1294.25	1295.07
1303.54	1308.5	1325.66	1335.68	1336.65	1342.79
1349.82	1363.12	1364.62	1367.49	1369.8	1375.5
1390.8	1396.26	1397.42	1401.51	1401.73	1410.53
1423.44	1428.38	1440.78	1447.51	1451.16	1463.75
1464.72	1465.75	1467.29	1467.35	1484.8	1497.42
1499.79	1518.86	1525.4	1534.27	1535.96	1540.31
1542.85	1544.28	1545.55	1599.06	1631.59	1644.41
1656.97	1664.02	1666.71	1685.32	2091.02	2953.32
2990.08	3010.18	3095.73	3162.93	3166.01	3169.16
3174.89	3175.09	3181.16	3183.35	3186.49	3192.46
3199.54	3200.71	3208.99	3215	3231.59	3231.99
3245.34	3248.53	3251.42	3252.24	3255.36	3257.58
3261.78	3264.49	3265.42	3267.63	3270.75	3272.72
3276.12	3287.69	3304.5	3307.96	3327.88	3363.51

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-691.86	7.53	13.2	17.18	23.63	29.37
32.75	34.87	36.87	42.22	47.73	53.33
61.9	62.75	65.23	68.6	71.41	81.43
85.61	89.21	92.39	97.15	107.88	111.82
126.1	140.73	147.33	160.52	165.05	166.15
171.29	177.61	185.62	189.33	195.4	211.89
215.61	221.84	234.26	239.25	245.79	255.18
267.89	274.97	280.55	282.92	293.07	297.86
306.07	323.99	326.4	333.07	333.61	341.06
364.51	366.72	378.71	398.37	409.81	417.2
422.23	423.68	427.1	431.91	452.26	454.57
463.09	467.22	472.97	473.97	482.57	486.92
492.37	493.57	494.27	519.78	529.01	544.41
569.12	570	572.62	574.05	576.79	578.34
579.86	585.26	596.76	605.84	610.82	621.47
627.32	631.2	633.38	637.74	642.74	647.73
659.05	667.93	690.45	698.23	711.2	715.65
731.14	733.93	753.44	755.32	778.93	782.16
801.01	818.14	824.29	828.47	829.02	834.22

835.24	838.93	843.57	845.23	845.56	845.89
847.51	848.53	854.19	854.52	860.52	861.28
862.05	863.19	866.07	866.63	868.55	878.86
879.96	888.12	890.39	892	894.71	897.49
907.52	909.8	912.27	923.4	940.96	942.7
942.94	969.32	971.44	977.27	982.99	987.76
990.21	997.06	1001.77	1007.58	1015.77	1017.8
1023.65	1028.08	1029.32	1033.13	1035.2	1038.14
1048.15	1053.34	1057	1059.09	1060.04	1067.94
1075.02	1077.05	1082.04	1084.83	1085.99	1086.74
1094.07	1097.45	1106.18	1110.44	1115.89	1118.94
1128.29	1139.41	1140.12	1151.04	1151.29	1155.96
1196.13	1196.66	1218.25	1220.59	1226.58	1227.92
1232.43	1234.55	1236.86	1249.48	1259.54	1264.55
1269.21	1271.51	1274.5	1289.46	1293.57	1294.56
1300.68	1308.78	1320.49	1332.18	1338.13	1343.05
1346.55	1364.76	1366.73	1367.25	1373.05	1376.19
1395.86	1396.17	1397.88	1402.23	1402.86	1411.98
1424.17	1428.14	1443.38	1446.03	1449.55	1465.86
1466.59	1466.99	1467.42	1474.22	1481.27	1490.05
1492.74	1498.09	1517.15	1534.81	1535.77	1538.81
1540.84	1545.09	1561.41	1570.32	1636.05	1644.48
1659.18	1664.47	1667.18	1686.63	2179.04	2960.05
2990.72	2994.41	3093.33	3116.88	3164.44	3165.4
3168.1	3170.71	3175.52	3182.08	3186.59	3191.92
3200.09	3203.25	3209.4	3213.75	3214.2	3236.2
3248.51	3249.31	3251.55	3253.99	3255.02	3257.51
3261.07	3263.01	3266.55	3266.64	3270.58	3270.81
3271.81	3281.25	3306.49	3307.23	3311.16	3368.83

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11.54	17.54	22.75	26.07	29.16	34.82
36.86	41.52	42.63	48.2	55.94	60.61
64.03	65.06	68.18	72.37	78	87.03
89.47	93.17	98.84	110	111.82	130.25
144.79	148.89	161.23	164.92	167.31	170.48
174.19	185.71	190.23	194.94	204.97	213.38
220.32	229.24	239.22	248.59	252.12	267.88
272.13	281.61	282.92	286.79	290.29	305.62
312.59	325.82	332.77	333.52	341.88	363.48
367.27	370.98	395.83	410.45	417.95	418.02
421.19	427.78	438.18	440.07	454.87	462.65
467.47	470.91	476.49	484.11	489.97	492.76
495.79	499.79	521.9	530.38	558.66	570.51

573.34	574.34	575.93	577.13	578.45	580.09
590.33	599.72	604.95	610.55	621.54	629.88
634.46	634.66	645.56	650.11	658.05	660.98
690.31	699.08	712.72	717.03	731.75	749.56
751.28	761.76	778.25	783.46	791.33	814.34
824.09	828.17	829.52	834.78	836.57	837.59
843.45	845.06	845.28	845.85	847.72	848.59
854.72	855.41	859.54	861.15	861.77	863.81
864.64	865.67	873.36	875.63	884.32	890.4
891.45	894.45	894.93	901.4	904.39	906.54
912.16	923.07	935.77	942.25	943.68	945.97
955.41	966.07	974.44	981.13	982.23	992.26
999.39	1005.08	1014.11	1017.71	1018.47	1028.59
1028.88	1033.52	1034.68	1035.53	1038.71	1048.82
1054.01	1057.56	1058.7	1066.59	1068.62	1075.51
1076.97	1084.52	1085.22	1088.88	1090.76	1095.37
1100.13	1107.5	1113.01	1115.38	1122.37	1125.56
1139.63	1139.81	1141.2	1151.31	1180.49	1195.96
1196.48	1208.91	1212.02	1218.62	1223.82	1224.33
1230.27	1236.22	1238.81	1246.73	1256.49	1265.14
1268.22	1270.35	1285.85	1287.4	1293.92	1296.55
1305.48	1307.92	1329.58	1339.86	1341.6	1346.42
1365.39	1367.18	1369.48	1372.88	1376.46	1397.01
1397.52	1397.74	1401.85	1403.44	1411.31	1422.03
1423.48	1427.16	1443.79	1445	1454.08	1464.89
1466.38	1466.75	1466.79	1468.77	1474.82	1490.03
1497.85	1516.25	1527.63	1535.02	1536.28	1539.8
1541.21	1543.35	1545.51	1580.3	1642.65	1644.33
1660.83	1663.5	1667.31	1686.8	2340.71	2959.59
2972.75	2996.15	3068.01	3088.67	3160.45	3166.27
3166.83	3167.1	3175.61	3178.8	3187.06	3189.32
3194.76	3200.06	3202.46	3205.54	3238.26	3244.35
3248.45	3250	3252.93	3253.86	3255.35	3258.99
3260.02	3264.25	3266.99	3269.36	3271.31	3271.81
3272.29	3286.54	3287.79	3290.44	3313.26	3362.63

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11.83	13.42	20.03	25.95	30.23	31.48
33.61	37.23	38.59	46.96	52.7	54.84
59.71	64.46	70.17	71.93	77.75	83.03
84.55	94.59	104.08	107.55	119.94	126.04
142.24	146.7	162.4	167.46	175.24	176.14
177.11	179.53	192.72	204.41	207.51	210.56
228.19	235.5	245.88	251.07	259.68	267.98

274.02	282.45	286.38	289.03	292.62	325.38
330.18	334.92	336.27	341.15	346.37	367.31
368.02	371.21	390.69	403.02	411.75	418.8
421.25	426.56	429.63	443.7	455.74	462.62
469.52	471.89	472.86	474.47	485.22	490.96
510.41	510.85	520.39	535.62	552.84	569.36
571.31	573.72	575.71	579.11	580.17	583.39
586.34	591.16	600.69	609.69	622.3	624.56
629.83	633.17	633.22	649.39	658.36	659.79
687.04	703.72	716.41	725.56	730.89	733.91
754.52	775.58	779.44	782.78	789.92	823.77
827.79	827.97	831.96	832.14	839.04	841.95
844.54	845.99	847.71	849.35	853.3	854.06
858.15	860.58	861.09	861.43	862.11	867.32
871.74	874.45	877.79	883.74	885.59	888.4
894.36	897.32	904.67	908.18	912.8	916.89
929.28	930.89	940.14	943.13	950.29	951.23
963.7	977.37	983	986.05	991.84	997.44
1000.85	1010.57	1012.54	1014.43	1017.85	1021.29
1026.53	1028.47	1030.57	1031.82	1034.03	1048.43
1051.21	1055.54	1056.88	1057.29	1063.83	1069.15
1075.98	1076.08	1082.42	1083.11	1085.57	1087.64
1093.11	1100.96	1105.68	1114.85	1115.88	1122.35
1125.6	1138.42	1139.93	1148.65	1152.55	1194.62
1195.84	1196.15	1216.7	1219.89	1221.85	1225.23
1231.96	1235.36	1239.12	1241.14	1248.44	1258.18
1262.92	1265.32	1273.96	1288.42	1290.23	1298.38
1305.24	1307.77	1320.58	1330.48	1345.99	1360.09
1364.04	1364.67	1365	1372.2	1375.95	1379.03
1383.7	1390.7	1391.75	1395.11	1401.14	1403.77
1409.43	1420.25	1425.01	1442.4	1443.37	1449.27
1454.63	1458.71	1461.07	1463.86	1466.19	1494.28
1494.57	1496.3	1527.12	1534.99	1536.5	1537.58
1537.92	1542.75	1548.37	1586.15	1634.86	1644
1661.25	1663.92	1665.82	1687.12	2969.11	2982.55
3006.66	3022.87	3056.09	3145.85	3160.28	3163.59
3169.72	3171.96	3178.31	3179.96	3188.92	3196.91
3198.19	3199.81	3204.9	3206.21	3212.59	3214.52
3217.03	3226.24	3236.01	3248.09	3249.87	3253.18
3255.47	3258.75	3259.16	3262.95	3264.32	3269.76
3271.68	3272.12	3273.59	3274.54	3300.32	3354.64

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-299.15	7.01	17.37	25.05	26.99	30.76
34.37	37.81	41.16	45.92	55.55	62.55
63.34	66.5	67.46	72.49	79.17	86.18
88.63	94.2	99.63	103.59	110.3	116.55
127.2	144.13	150.91	155.83	163.22	166.75
171.19	174.61	177.04	191.75	207.8	216.06
225.53	234.75	237.98	250.88	251.83	268.14
269.36	275.31	282.18	282.8	289.66	295.4
324	330.61	334.08	338.95	345.1	351.64
368.98	371.85	375.05	401.68	404.69	411.35
420.64	422.68	424.04	428.41	438.87	444.83
457.55	464.42	467.04	469.2	474.57	478.82
487.74	493.08	505.81	516.79	534.93	548.82
569.63	570.27	573.12	573.47	577.71	578.4
586.51	587.62	590.11	601.24	605.78	616.35
625.41	632.02	634.56	634.71	645.93	650.99
659.8	693.61	702.76	717.17	722.67	731.39
731.69	755.86	776.3	782.98	783.94	796.1
821.28	823.26	827.06	827.7	831.41	834.98
837.22	840.31	843.81	845.3	845.99	847.63
847.81	848.73	859.61	861.44	862.37	863.15
866.3	870.78	873.95	877.99	886.19	887.64
891.19	892.8	894.07	902.66	903.2	906.63
909.12	910.6	917.23	934.83	941.84	944.29
948.78	967.69	970.86	979.53	987.29	988.54
996.38	1005.1	1005.75	1008.95	1015.16	1017.71
1024.45	1026.96	1028.83	1031.46	1035.19	1035.83
1048.21	1050.45	1053.44	1061.08	1061.86	1064.04
1075.65	1076.04	1084.13	1085.99	1088.94	1093.42
1095.8	1100.75	1102.7	1116.56	1117.84	1120.88
1135.2	1138.87	1139.95	1152.61	1195.66	1196.48
1212.98	1214.21	1217.38	1223.03	1223.5	1226.84
1232.8	1233.53	1239.43	1244.39	1260.23	1260.71
1264.82	1271.97	1289.37	1293.35	1296.69	1311.04
1316.33	1328.12	1332.15	1344.94	1349.89	1362.31
1364.07	1365.44	1365.73	1373.95	1379.47	1385.84
1389.14	1394.26	1396.83	1402.34	1403.26	1411.16
1420.64	1425.95	1437.95	1444.21	1445.42	1463.46
1465.94	1466.29	1466.81	1467.82	1483.58	1494.05
1495.53	1499.95	1526.2	1535.49	1537.54	1538.34
1540.88	1549.34	1550.99	1567.81	1635.34	1636.59
1657.49	1661.37	1663.64	1687.45	2976.47	3002.33
3016.65	3045.35	3083.04	3151.99	3159.23	3162.4
3164.27	3169.44	3173.28	3177.94	3180.97	3185.63
3190.21	3197.86	3201.43	3203.98	3207.06	3210.71
3247.95	3248.17	3250.42	3251.86	3257.32	3257.57

3259.57	3260.79	3267.39	3267.91	3268.61	3271.01
3274.9	3279.62	3281.23	3285.88	3291.23	3326.23

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6.04	17.03	19.59	26.24	28.88	30.55
40.07	40.54	41.82	44.71	55.63	60.34
61.71	65.09	66.27	69.46	78.2	81.14
95.12	96.73	96.97	105.89	115.36	118.71
123.04	143.72	156.87	160.61	165.32	171.01
177.22	178.29	192.42	196.51	201.06	205.37
207.38	219.48	229.88	241.26	247.31	251.14
252.99	268.08	274.92	282.38	289.76	295.01
299.28	330.02	332.55	335.79	341.4	348.04
355.49	369.73	374.16	390.45	410.56	411.29
418.22	420.01	427.68	429.69	445.84	454.09
456.09	463.46	469.61	475.05	475.8	482.1
487.57	494.93	496.42	504.8	535.25	546.97
570.22	572.42	572.84	575.2	576.15	580.31
585.53	590.06	592.03	600.95	609.7	614.38
626.17	626.48	634.22	634.35	636.89	651.15
658.71	693.75	704.3	713.75	718.89	730.8
754.83	756.07	767.09	782.24	783.42	808.71
818.66	824.89	826.92	829.87	834.41	837.35
838.75	842.03	844.38	845.14	847.25	848.46
852.43	854.57	860.75	861.51	862.6	865.01
866.08	867.02	871.76	877.83	884.36	886.06
886.99	893.16	894.43	897.16	903.51	905.92
911.17	917.45	927.23	930.16	932.92	944.32
946.58	971.51	975.18	977.98	981.67	985.2
996.11	1002.54	1004.49	1014.29	1015.5	1027.4
1027.98	1031.05	1032.23	1032.63	1038.75	1043.12
1050.8	1055.34	1057.25	1062.33	1066.37	1070.93
1075.76	1076.22	1083.16	1084.79	1086.46	1097.53
1103.42	1104.58	1112.48	1116.71	1118.43	1136.37
1138.69	1138.95	1153.1	1168.85	1196.59	1197.07
1214.62	1215.44	1216.61	1219.18	1219.56	1231.35
1234.05	1237.79	1253.79	1260.06	1262.59	1265.29
1270.92	1276.45	1287.11	1290.7	1301.18	1311.47
1322.64	1328.72	1332.42	1342.1	1344.29	1362.14
1362.83	1363.24	1372.93	1376.24	1377.2	1394.54
1397.9	1400.4	1401.48	1402.86	1410.37	1418.79
1419.69	1427.27	1445.11	1446.43	1458.72	1463.02
1464.77	1465.2	1465.51	1472.3	1477.84	1495.42
1496.65	1517.72	1535.54	1536.63	1537.26	1541.42

1547.79	1551.83	1553.82	1638.41	1640.19	1659.45
1662.07	1662.95	1685.8	1721.09	2956.84	2987.76
2997.34	3068.9	3073.42	3157.93	3158.2	3159.56
3166.56	3167.03	3173.58	3178.57	3184.95	3185.02
3191.32	3198.06	3198.94	3200.84	3201.34	3208.86
3249.43	3249.65	3250.34	3254.56	3255.38	3256.57
3257.89	3264.31	3265.39	3267.5	3268.69	3270.35
3272.82	3275.16	3275.5	3288.49	3290.45	3305.48

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S1-B

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12.1	24.45	26.1	33.54	38.97	43.26
52.54	56.79	58.71	61.91	65.56	68.18
74.41	79.54	81.14	87.15	88.64	97.42
103.09	108.9	129.52	133.24	135.42	144.98
152.35	157.32	176.57	194.2	201.12	204.11
216.43	220.3	224.23	231.4	240.2	243.43
249.52	254.52	259.86	262.87	268.09	273.06
284.29	299.68	321.67	329.91	332.7	350.68
353.05	359.77	365.32	371.86	386.61	399.39
401.82	410.95	425.41	440.05	442.95	445.71
449.19	465.75	473.22	485.71	496.43	498.14
507.97	510.44	512.76	520.92	523.37	546.83
572.15	577.81	599.32	611.48	628.65	633.59
648.15	667.99	668.37	692.33	718.58	724.75
745.84	753.39	757.24	771.74	778.28	789.17
804.23	810.08	811.75	813.51	826.43	830.87
854.62	857.81	859.17	862.66	868.77	871.48
880.97	890.45	910.93	912.04	914.39	916.89
917.33	918.01	921.96	924.09	931.71	942.29
945.66	947.18	950.05	972.64	977.92	978.26
988.09	995.16	999.91	1002.25	1008.18	1012.07
1017.14	1028.25	1034	1039.99	1043.74	1044.48
1046.84	1048.49	1060	1063.33	1064.04	1070.79
1075.08	1082.61	1086.49	1095.15	1097.97	1099.06
1105.5	1108.1	1119.79	1124.97	1147.84	1149.69
1152.85	1153.69	1159.21	1173.98	1183.73	1191.2
1193.97	1195.34	1201.32	1209.23	1213.53	1214.44
1215.75	1222.16	1241.96	1252.02	1256.78	1273.91
1274.7	1283.15	1285.7	1287.73	1288.86	1295.9
1296.45	1301.43	1303.24	1306.16	1307.29	1308.32
1316.34	1326.95	1333.18	1339.04	1341.78	1348.12
1351.73	1362.73	1366.25	1369.27	1372.01	1373.06
1376.73	1377.15	1387.42	1389.72	1392.68	1393.74
1394.83	1397.49	1403.98	1406.43	1419.25	1422.29

1428.62	1440.41	1461.52	1469.63	1475.46	1481.76
1499.9	1500.3	1500.56	1501.63	1501.67	1502.09
1505.47	1507.68	1509.37	1511.2	1512.1	1514.22
1518.09	1519.8	1521.9	1528.15	1530.76	1534.73
1538.11	1554.22	1554.82	1606.18	1611.52	1623.19
1703.2	1745	2998.03	3005.35	3007.34	3010.01
3017.5	3022.83	3024.16	3026.16	3027.15	3030.73
3030.9	3036.62	3037.38	3040.45	3047.8	3048.14
3059.14	3065.94	3067.35	3069.76	3072.15	3072.51
3076.51	3079.85	3091.61	3097.98	3101.12	3104.56
3106.65	3110.49	3114.06	3117.88	3129.26	3131.4
3132.98	3135.87	3142.5	3153.9	3163.19	3169.78
3172.01	3181.54	3187.29	3193.29	3195.21	3196.41
3200.66	3203.49	3218.37	3234.92	3265.99	3582.98

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S1-C

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19.03	22.74	26.7	33.23	40.45	45.53
50.73	53.92	59.44	62.11	65.27	68.14
70.17	77.15	83.56	88.67	98.34	102.2
109.4	118.36	123.42	128.37	139.91	145.7
148.43	162.38	182.16	187.6	193.35	200.27
210.85	220.46	222.29	226.98	230.6	236.53
242.89	247.22	257.4	263.82	272.39	278.69
288.64	293.2	308.08	319.2	329.73	349.41
354.24	357.14	367.73	371.97	384.9	392.05
404.35	410.79	421.79	429.56	437.04	444.54
448.29	461.73	469.4	475.21	481.14	486.97
496.19	502.77	510.9	523.47	534.14	560.76
570.78	580.68	598.56	617.17	624.8	635.78
641.38	661.78	670.96	715.8	717.36	728.8
754.97	758	770.39	773.61	774.42	790.2
804.79	809.94	812.22	814.73	823.69	826.97
852.84	854.34	857.88	860.57	863.44	869.13
879.88	893.71	897.76	908.77	912.8	914.24
914.58	917.79	919.99	927.2	932.57	942.24
944.67	946.73	951.21	970	975.35	978.11
984.1	994.36	995.33	1003.61	1004.85	1010.77
1012.92	1028.38	1028.84	1036.34	1040.68	1042.93
1044.45	1048.77	1061.33	1064.3	1068.86	1071.61
1074.82	1080.69	1086.73	1090.34	1098.56	1102.52
1105.9	1112.06	1125.13	1126.26	1143.93	1148.71
1155.12	1157.28	1175.24	1179.02	1183.65	1192.35
1194.45	1195.96	1196.37	1203.77	1211.19	1213.46
1222.02	1229.59	1234.95	1236.73	1255.38	1261.09

1277.12	1277.64	1278.55	1285.32	1288.33	1292.08
1293.22	1295.39	1298.17	1307.19	1308.1	1313.07
1322.22	1332	1333.18	1336.26	1341.32	1343.45
1361.87	1368.47	1370.15	1373.02	1374.19	1374.98
1378.24	1381.39	1386.51	1388.86	1391.13	1392.9
1393.58	1398.56	1399.09	1400.86	1421.74	1424.21
1435.21	1440.16	1463.96	1468.26	1475.08	1488.75
1489.96	1499.45	1499.62	1501.08	1501.38	1501.9
1503.74	1506.72	1511	1511.42	1512.49	1512.8
1513.82	1517.92	1519.67	1523.46	1526.13	1530.45
1531.08	1542.06	1590.06	1617.44	1622.9	1651.89
1694.31	1756.08	3002.27	3006.45	3008.83	3014.32
3018.93	3023.27	3027.2	3028.54	3029.62	3030.18
3033.26	3033.94	3037.14	3038.31	3046.07	3048.72
3056.13	3063.02	3066.34	3066.97	3069.71	3071.27
3074.71	3080.09	3083.39	3092.51	3097.5	3100.78
3104.1	3108.82	3116.41	3116.92	3122.6	3126.17
3129.18	3141.91	3154.71	3156.78	3158.58	3166.56
3174.97	3187.04	3190.5	3195.25	3205.35	3211.81
3212.83	3215.18	3219.93	3230.72	3233.65	3627.37

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S1-D

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18.57	26.09	32	37.97	41.92	47.25
50.89	55.23	57.73	60.28	67.2	70.31
72.65	74.93	80.64	83.96	87.29	104.81
106.08	110.76	120.11	122.23	138.73	148.89
154.49	166.99	176.28	191.39	197.46	198.56
216.34	219.43	226.82	233.82	239.26	243.63
246.77	254.02	259.63	264.8	273.33	282.34
286.93	302.7	309.38	329.83	336.86	349.44
352.43	368.16	370.15	379.09	386.06	400.48
409.27	415.32	423.92	434.89	443.15	444.09
449.7	454.28	463.74	466.85	486.73	490.88
494.93	502.13	505.56	520.29	525.02	534.75
575.97	587.39	594.88	616.03	625.94	627.7
638.24	671.68	672.64	717.03	724.29	731.73
743.77	748.87	751.24	766.1	775.05	788.08
803	809.76	810.85	813.62	814.65	825.96
851.63	855.2	859.52	862.81	863.53	873.46
878.11	890.84	907.99	910.6	914	916.67
919.94	921.77	922.88	933.52	939.09	943.47
945.36	947.23	951.69	953.52	970.8	973.52
977.89	986.22	988.63	1004.14	1007.74	1009.22
1013.02	1029.82	1033.43	1042.7	1043.87	1045.55

1046.27	1055.17	1058.89	1062.11	1068.8	1074.49
1076.13	1078.77	1082.34	1093.97	1096.11	1101.48
1106.85	1108.15	1125.03	1141.96	1145.71	1148.51
1154.23	1154.58	1161.8	1168.47	1182.29	1183.07
1190.21	1196.43	1200.62	1205.49	1209.57	1211
1218.11	1223.95	1227.44	1243.51	1249.26	1269.81
1275.08	1278	1280.03	1288.06	1290.46	1291.54
1296.68	1297.95	1301.2	1305.3	1307.63	1309.4
1321.33	1333.94	1340.2	1344.3	1348.25	1351.28
1352.41	1361.6	1364.03	1370.47	1373.09	1374.14
1376.22	1384.9	1388.81	1389.33	1392.38	1393.02
1395.05	1395.62	1399.6	1404.19	1419.49	1421.88
1431.57	1439.9	1462.85	1468.19	1476.99	1485.73
1498.65	1500.96	1501.1	1502.12	1502.74	1504.29
1507	1507.82	1510.66	1511.41	1512.57	1513.09
1514.8	1517.16	1519.97	1526.31	1530.64	1531.6
1547.11	1563.7	1572.46	1583.08	1615.77	1622.86
1691.46	1738.61	3003.41	3004.74	3008.13	3010.5
3019.44	3020.91	3021.68	3023.97	3030.23	3031.61
3032.34	3036.54	3041.28	3044.54	3044.86	3059.13
3065.85	3068	3072.43	3072.68	3073.68	3079.08
3080.82	3090.3	3096.84	3098.04	3103.99	3106.02
3106.29	3116.5	3118.38	3124.85	3128.93	3129.14
3134.04	3138.07	3149.3	3151.76	3155.58	3162.27
3174.3	3180.4	3191.92	3192.67	3195.69	3201.23
3210.96	3214.67	3227.93	3241.22	3269.63	3626.89

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S1-E

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20.2	22.21	28.94	34.01	36.68	47.34
57.71	58.01	59.15	63.34	65.74	68.11
74.94	78.22	82.34	88.35	95.93	101.96
105.87	114.06	122.33	132.58	138.58	143.81
151.22	156.88	175.73	187.37	191.72	198.57
208.49	219.52	224.16	229.39	237.84	239.34
240.74	248.11	258.23	264.45	265.48	277.65
287.61	296.88	319.08	334.95	349.47	352.67
360.32	362.13	375.46	384.15	389.52	392.56
406.92	410.61	423.67	426.81	443.31	446.37
450.76	462.28	466.31	483.47	491.98	493.95
499.51	506.45	517.94	519.1	526.01	542.23
572.02	583.94	594.2	611.15	621.87	626.63
641.26	666.16	667.34	696.86	717.08	725.56
740.41	751.82	755.15	765.45	784.62	788.47
801.46	808.12	809.55	812.49	824.06	829.77

850.42	857.28	858.87	861.48	864.8	868.51
876.5	894.02	905.99	908.58	913.53	914.65
918.59	919.02	922.17	928.7	935.12	943.05
945.56	947.91	955.03	971.94	977.07	979.06
988.76	994.08	996.07	997.88	1000.96	1009.34
1012.85	1027.44	1030.74	1034.99	1040.03	1043.01
1045.43	1047.57	1058.61	1060.6	1065.87	1073.24
1076	1084.31	1093.57	1095.59	1099.87	1101.64
1105.61	1109.28	1119.42	1121.49	1145.78	1147.55
1153.19	1154.06	1165.61	1172.65	1181.96	1192.99
1195.56	1197.52	1202.46	1208.96	1211.91	1217.18
1217.97	1222.78	1238.61	1251.99	1268	1273.02
1275.43	1277.78	1279.2	1282.18	1289.01	1294.63
1295.95	1299.61	1302.34	1305.05	1308.05	1312.09
1316.65	1324.59	1335.1	1337.48	1341.23	1347.64
1355.79	1361.45	1366.64	1369.7	1372.47	1373.49
1375.01	1386.73	1388.93	1391.38	1393.18	1394.82
1395.7	1400.43	1401.72	1406.71	1422.11	1431.6
1432.39	1440.38	1464.59	1469.57	1475.29	1482.37
1494.81	1497.28	1499.38	1500.85	1501.5	1502.2
1503.79	1505.73	1508.9	1509.29	1510.03	1512.88
1514.39	1518.81	1521.21	1521.25	1525.66	1529.07
1531.23	1554.96	1567.37	1616.55	1620.79	1626.2
1695.2	1749.66	3005.37	3007.77	3008.11	3011.01
3018.59	3024.16	3025.07	3028.15	3031.32	3032.87
3037.91	3041.07	3046.57	3048.43	3053.7	3059.95
3066.47	3069.27	3070.97	3072.77	3072.98	3074.04
3083.65	3098.19	3099.72	3105.44	3105.74	3105.85
3106.02	3109.51	3116.04	3118.38	3125.69	3129.56
3134.12	3138.6	3139.59	3141.51	3155.25	3165.31
3174.61	3177.59	3193.38	3199.69	3204.37	3213.01
3214.39	3221.16	3231.88	3233.98	3237.64	3595.3

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S1-F

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3.82	16.19	23.31	29.02	41.33	45.17
45.93	53.29	58.33	60.06	62.83	66.17
69.76	74.82	78.17	88.97	96.19	98.83
108.63	112.01	123.3	131.88	137.67	146.04
152.74	163.25	180.51	188.31	191.7	203.79
215.47	220.87	222.41	229.8	238.13	240.31
243.32	248.68	259.51	264.62	273.74	280.1
292.87	309.46	315.84	319.53	331.28	350.52
355.67	367.62	369.64	371.26	383.04	386.8
405.42	418.79	429.8	440.48	444.55	447.93

461.18	466.82	468.56	479.87	487.02	496.79
501.83	509.77	514.01	524.44	534.43	558.22
561.04	583.75	604.68	615.07	626.48	632.93
641.1	661.46	670.94	679.94	714.6	728.82
743.46	754.04	770.03	771.56	777.09	788.75
804.47	809.75	814.02	815.52	821.5	826.1
851.07	854.27	854.91	859.15	864.84	874.64
879	889.92	896.4	908.7	912.07	913.21
915.17	917.7	918.94	923.1	933.93	943.63
945.38	947.17	952.32	958.82	970.62	975.4
976.3	985.28	990.58	992.24	1004.68	1012.67
1013.73	1029.2	1036.85	1039.38	1042.48	1044.15
1044.38	1050.72	1064.58	1065.01	1069.71	1072.11
1074.58	1083.95	1089.3	1089.46	1098.37	1103.81
1105.43	1110.15	1128.83	1135.02	1144.81	1148.89
1154.95	1156.98	1175.63	1180.1	1184.14	1192.47
1196.37	1201.65	1202.44	1204.07	1210.62	1213.72
1221.66	1231.82	1236.42	1244.61	1254.1	1261.39
1275.76	1276.13	1280.13	1284.9	1288.45	1292.08
1293.35	1295.63	1298.41	1306.57	1310.74	1315.21
1316.57	1324.39	1333.92	1336.59	1341.18	1344.19
1362.7	1367.8	1369.28	1370.78	1373.1	1375.31
1378.56	1380.85	1386.34	1390.09	1392.3	1393.1
1393.52	1394.23	1398.1	1400.55	1421.43	1423.83
1434.41	1439.66	1465.71	1468.2	1478.79	1489.34
1492.93	1499.35	1500.82	1501.24	1502.17	1502.31
1504.22	1507.4	1511.32	1511.97	1512.67	1514.29
1514.84	1518.83	1519.41	1520.93	1526.62	1530.75
1531.52	1558.29	1568.19	1619.77	1625.82	1650.14
1693.79	1717.11	3004.79	3005.3	3008.25	3013.43
3019.49	3022.38	3026.15	3028.64	3029.14	3029.42
3030.47	3031.06	3036.03	3039.94	3046.75	3055.63
3061.58	3062.07	3065.73	3069.28	3070.4	3070.83
3074.41	3077.21	3083.72	3096.57	3098.31	3098.75
3103.31	3111.45	3115.53	3115.94	3117.89	3127.28
3131.65	3143.31	3154.9	3157.68	3162.08	3173.79
3191.32	3193.55	3194.17	3212.52	3213.18	3213.89
3214.36	3217.24	3223.95	3229.84	3235.8	3642.14

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S1-G

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22.68	26	32.19	36.56	41.14	46.59
51.53	55.71	57.23	61.23	66.58	72.22
74.88	82.14	82.38	88.6	92.58	95.34
104.15	108.36	125.05	130.67	140.69	147.8

156.75	160.07	169.67	191.76	196.4	203.73
216.29	220.69	229.8	232.59	241.29	246.53
252.71	256.47	260.2	266.39	283.36	284.42
288.09	295.26	328.56	330.05	341.59	347.23
352.07	367.01	371.21	377.7	390.26	396.7
401.92	418.97	425.35	441.35	442.68	443.61
447.6	464.62	474.93	482.1	485.71	496.26
500.11	501.74	504.41	518.87	519.24	539.96
560.92	580.98	595.71	616.42	627.83	633.04
645.3	670.45	673.03	688.03	716.43	724.06
729.99	753.47	754.6	768.72	770.36	789.84
803.44	808.22	809.93	813.7	822.27	825.88
852.9	855.89	859.35	864.51	864.97	872.28
876.51	887.35	901.82	910.23	912.93	914.6
915.98	919.11	920.38	922.93	926.57	943.25
946.64	946.94	949.56	967.91	973.17	978.89
980.56	985.45	989.65	998.83	1002.42	1010.64
1012.41	1029.17	1036.84	1040.84	1043.24	1044.27
1047.16	1052.42	1059.68	1066.52	1071.84	1073.65
1076.04	1078.23	1082.26	1095.27	1101.56	1102.4
1106.02	1108.8	1123.37	1128.74	1148.22	1149.55
1153.29	1153.8	1155.55	1168.89	1183.04	1191.08
1192.62	1192.77	1200.8	1207.07	1211.03	1217.65
1218.48	1223.67	1242.76	1245.25	1248.57	1272.89
1276.55	1283.01	1283.88	1289.25	1289.33	1295.37
1298.07	1300.05	1304.52	1306.17	1308.18	1309.23
1311.72	1325.13	1332.54	1341.55	1342.83	1350.91
1354.81	1362.36	1364.41	1370.02	1373.1	1374.08
1376.1	1380.81	1389.02	1391.41	1393	1394.48
1397.12	1398.41	1402.35	1406.59	1422.18	1424.14
1426.05	1440.39	1462.28	1469.75	1477.79	1488.65
1499.16	1500.87	1501.35	1502.13	1502.99	1504.26
1506.99	1509.64	1511.15	1511.75	1512.79	1514.78
1516.67	1518.98	1520.06	1525.78	1529.56	1530.74
1531.19	1558.36	1561.7	1603.05	1613.09	1623.48
1706.74	1736.15	3004.41	3007.67	3008.01	3012.28
3018.9	3020.87	3024.35	3026.21	3030.34	3032.06
3036.15	3040.7	3041.93	3044.14	3048.45	3058.83
3061.05	3065.84	3067.99	3072.72	3073.23	3073.67
3080.09	3080.71	3090.92	3092.8	3097.25	3100.13
3103.97	3110.26	3111.23	3111.53	3117.1	3117.23
3121.71	3123.41	3134.88	3143.02	3157.67	3165.3
3167.99	3177.15	3179.8	3188.4	3190.28	3194.66
3201.34	3213	3215.76	3233.62	3258.63	3630.1

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S1-TS-A

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-278.38	1.3	16.55	18.35	36.88	40.38
42.54	49.1	49.6	54.9	57.99	60.44
66.07	71.1	73.24	76.45	82.34	89.27
94.8	102.8	118.73	127.95	137.74	145.34
149.77	154.98	174.16	181.14	192.23	201.89
210.83	213.35	215.51	238.19	243.05	245.02
249.66	252.34	255.99	260.04	270.52	281.52
283.59	290.97	308.58	324.24	329.78	347.93
349.28	355.63	369.2	374.58	378.62	401.3
409.76	430.16	431.98	434.36	441.83	443.52
446.35	449.67	473.23	480.23	482.72	502.8
507.73	509.64	516.3	516.68	528.51	543.53
568.56	582.85	608.13	623.1	635.05	640.76
651.59	657.46	671.67	714.45	727.66	732.6
748.51	760.41	760.81	773.49	773.97	782.81
798.84	809.77	812.5	815.53	819.54	827.18
854.84	860.61	862.03	864.44	866.81	870.75
874.99	890.15	900.21	911.06	912.34	913.85
914.43	917.78	918.7	928.57	941.73	943.68
945.28	947.17	948.77	963.54	973.97	977.98
989.76	996.3	997.01	1000.3	1007.45	1011.83
1012.29	1017.07	1026.12	1035.95	1041.06	1044.06
1044.59	1058.55	1060.67	1062.41	1069.52	1075.97
1077.62	1077.78	1079.94	1095.03	1099.38	1103.56
1104.45	1106.19	1120.32	1124.53	1132.81	1150.25
1152.47	1156.58	1168.88	1176.93	1183.47	1185.69
1191.96	1192.97	1198.2	1202.54	1211.12	1213.48
1216.04	1218.39	1223.38	1232.26	1236.77	1250.59
1263.2	1270.18	1274.25	1276.69	1287.96	1289.49
1294.79	1295.73	1299.21	1303.66	1306.91	1322.26
1323.06	1325.38	1330.28	1340.01	1342.27	1346.59
1359.99	1360.93	1365.65	1369.48	1373.04	1373.41
1375.63	1384.92	1388.21	1389.32	1390.04	1392.79
1393.2	1394.49	1399.73	1402.13	1422.24	1425.22
1432.44	1440.06	1467.28	1469.95	1478.64	1479.78
1488.02	1498.16	1499.57	1500.79	1501.29	1501.71
1502.13	1504.37	1505.78	1506.86	1509.58	1510.91
1512.77	1513.96	1519.48	1520.22	1524.13	1530.34
1530.67	1546.83	1564.6	1567.76	1614.53	1618.44
1696.85	1778.66	3006.4	3006.51	3009.26	3012.44
3013.9	3019.53	3020.26	3021.48	3024.64	3027.73
3029.77	3032.89	3035.2	3040.11	3049.56	3055.2
3058.49	3067.19	3070.53	3072.57	3074.04	3074.24
3075.45	3078.17	3080.49	3081.75	3096.37	3099.93
3102.65	3102.87	3113.92	3118.48	3123.34	3127.84
3129	3136.84	3142.77	3148.49	3165.65	3166.81

3172.22	3172.37	3177.56	3188.02	3190.55	3197.51
3199.23	3210.42	3216.52	3222.12	3230.16	3614.62

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S1-TS-B

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-280.38	21.44	25.33	28.55	32.77	36.74
45.52	52.32	59.28	59.45	60.56	64.94
66.07	69.86	74.89	76.84	85.94	90.96
92.86	106.15	113.28	120.84	136.77	141.8
151.36	152.49	170.65	182.57	193.78	201.56
204.67	212.52	219.39	233.11	242.52	244.32
247.86	257.95	259.39	265.93	269.01	274.91
286.37	304.32	312.18	322.87	334.63	350.45
352.02	359.6	370.14	374.28	378.8	394.45
407.75	426.76	429.7	436.75	442.88	444.28
450.37	459.57	464.81	486.39	493.6	501.52
505.63	511.76	521.88	530.89	539.36	554.49
576.69	591.09	599.59	622.46	628.07	633.39
643.82	665.48	666.81	698.32	712.72	726.57
740.29	762.16	766.83	771.18	781.73	787.82
804.79	809.87	811.36	814.64	827.9	832.88
852.19	857.3	859.18	860.86	865.72	869.6
879.06	899.15	910.23	911.1	913.5	915.24
916.44	918.4	919.54	926.84	943.35	946.31
946.86	949.2	961.62	973.28	978.09	979.04
991.68	995.12	1000.74	1005.16	1012.29	1013.74
1015.63	1028.64	1034.41	1043.43	1044.88	1045.55
1047.63	1059.77	1061.92	1065.45	1067.18	1073.37
1075.63	1081.61	1085.2	1094.24	1099.75	1104.73
1105.37	1106.81	1119.82	1127.44	1132.88	1148.72
1153.2	1154.35	1173.59	1174.1	1183.56	1191.92
1194.42	1195.64	1195.92	1205.03	1209.87	1211.37
1213.92	1216.96	1223	1243.66	1247.03	1263.24
1265.44	1273.44	1277.9	1280.07	1286.44	1289.15
1293.25	1296.09	1296.75	1300.53	1307.33	1308.76
1321.18	1322.79	1332.39	1338.79	1342.37	1348.88
1354	1361.65	1369.01	1371.25	1373.36	1374.99
1376.25	1383.92	1388.74	1391.39	1392.69	1393.79
1394.51	1397.99	1402.48	1406.95	1421.82	1422.36
1433.49	1440.14	1457.02	1469.61	1470.33	1473.3
1489.12	1499.57	1499.74	1501.27	1501.31	1501.68
1502.88	1504.88	1506.22	1507.36	1508.65	1511.82
1512.72	1514.31	1515.11	1519.12	1520	1527.14
1531.43	1532.67	1536.17	1600.42	1614.6	1619.37
1699.81	1784.87	3002.74	3004.67	3008.04	3009.88

3018.92	3023.37	3024.72	3027.23	3030.8	3031.48
3036.04	3038.83	3040.58	3042.18	3043.55	3057.24
3064.89	3066.95	3070.43	3071.83	3071.96	3074.07
3080.92	3081.43	3083.48	3088.94	3090.66	3095.88
3097.58	3103.71	3112.8	3116.26	3119.09	3133.68
3135.11	3138.13	3146.08	3150.41	3153.61	3164.46
3170.45	3177.56	3195.73	3198.01	3202.39	3206.18
3216.16	3220.49	3221.61	3225.92	3241.74	3529.37

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S1-TS-C

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-303.28	18.69	21.78	28.74	30.91	39.8
44.08	47.05	51.51	60.59	62.28	65.3
67.49	71.01	73.81	76.96	82.84	87.48
102.51	108.18	117.15	127.23	131.81	139.59
149.66	163.53	173.04	183	190.24	201.93
205.78	218.9	224.28	232.97	241.17	247.41
254.92	260.61	264.87	267.64	280.71	289.3
291.48	298.42	306.7	330.87	343.08	349.81
351.74	360.6	369.02	374.37	377.45	402.38
408.56	417.19	426.63	431.77	443.89	444.66
451.26	458.06	467.99	482.99	487.45	495.02
500.41	508.99	511.19	524.36	533.03	544.54
584.17	588.29	599.54	622.14	626.5	637.03
642.42	667.14	670.3	712.56	727.4	741.2
746.18	762.43	769	770.7	781.02	786.19
803.96	809.14	813.1	814.58	827.26	836.21
853.85	857.41	859.94	863.61	866.41	869.35
876.6	895.25	909.04	913.21	914.54	917.63
919.89	920.57	925.38	930.04	943.22	944.7
946.94	952.85	955.44	973.38	979.95	988.74
990.01	995.24	1001.94	1004.56	1009.05	1010.26
1014.15	1028.67	1038.08	1041.65	1044.13	1047.01
1049.33	1061.15	1062.15	1069.9	1071.8	1072.68
1075.4	1081.55	1090.65	1090.8	1099.11	1103.04
1104.73	1105.75	1122.45	1125.58	1127.43	1148.81
1152.91	1156.93	1168.63	1172.51	1177.01	1182.55
1192.93	1193.5	1196.2	1201.79	1210.82	1213.5
1214.01	1215.67	1219.03	1221.87	1243.45	1257.2
1268.42	1272.32	1275.31	1278.2	1288.11	1289.33
1291.35	1296.14	1298.67	1305.3	1307.32	1322.79
1324.13	1331.69	1334.89	1336.83	1340.99	1348.8
1357.14	1359.39	1364.63	1371.61	1372.99	1373.66
1375.44	1382.63	1387.33	1389.75	1392.5	1393.55
1394.68	1398.03	1402.72	1404.22	1420.03	1421.1

1437.07	1439.13	1465.85	1469.3	1473.85	1475.86
1489.21	1498.65	1500.67	1500.98	1501.93	1502.6
1503.23	1505.46	1508.06	1510.43	1511.79	1512.68
1513.59	1515.82	1517.68	1519.58	1526.62	1529.74
1531.73	1537.44	1539.48	1557.51	1614.94	1620.85
1694.52	1769.78	3004.26	3004.84	3008.38	3012
3017.74	3018.46	3020.64	3022.93	3028.5	3029.6
3034.8	3035.19	3040.61	3043.08	3043.44	3053.65
3060.83	3066.6	3070.77	3071.23	3072.95	3074.47
3074.66	3085.3	3089.01	3089.3	3092.73	3095.87
3102.17	3104.82	3112.87	3116.29	3120.17	3125.57
3128.77	3131.01	3141	3147.61	3156.17	3168.79
3169.5	3175	3186.17	3187.64	3195.65	3199.37
3204.66	3225.34	3227.64	3234.34	3246.13	3614.7

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S1-TS-D

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-286.86	20.76	24.62	29.16	35.11	43.06
47.02	50.27	58.85	61.41	63.31	66.29
69.36	73.26	76.4	81.55	88.41	90.3
104.68	109.84	116.45	122.35	136.24	138.34
154.88	155.34	164.41	181.49	193.16	194.77
206.24	209.12	219.1	241.38	243.09	246.85
252.57	257.25	263.38	267.93	274.61	283.85
285.77	293.85	306.27	326.72	336.07	351.28
353.07	359.79	368.89	375.52	377.88	394.21
399.19	404.59	426.27	432.78	443.34	446.91
448.12	451.26	458.82	464.63	485.98	495.08
499.2	503.84	505.89	519.85	530.12	548.67
584.66	588.2	600.64	622.95	629.91	633.33
641.52	660.99	664.58	715.18	725.68	745.74
750.14	764.87	770.24	771.47	782.39	784.36
803.97	809.61	810.58	813.26	825.11	836.73
846.42	855.26	856.5	863.74	864.37	869.78
877.44	896.14	909.18	912.69	914.06	915.54
918.69	919.44	925.2	932.98	943.23	946.32
946.88	950.15	961.36	972.95	977.92	989.61
990.1	996.25	1004.51	1005.79	1010.82	1012.91
1015.39	1029.17	1031.2	1043.25	1045.39	1046.1
1048.46	1060.85	1062.41	1068.31	1070.01	1073.53
1075.61	1084.2	1088.06	1093.96	1100.21	1103.93
1104.73	1107.2	1120.49	1124.08	1128.53	1148.51
1153.62	1154.36	1170.94	1172.91	1183.45	1189.02
1192.09	1195.8	1199.06	1203.77	1208.95	1212.72
1214.12	1217.22	1222.78	1228.55	1242.63	1253.56

1263.54	1269.11	1274.38	1279.8	1288.74	1290.65
1295.71	1296.14	1300.02	1306.09	1307.98	1321.64
1322.24	1332.6	1338.59	1339.7	1341.78	1349.53
1356.55	1362.14	1368.8	1370.58	1372.72	1373.45
1375.81	1384.58	1388.65	1391.39	1392.49	1393.15
1394.84	1397.64	1401.34	1403.59	1417.77	1420.92
1434.39	1438.97	1465.56	1470.74	1472.8	1478.74
1487.03	1499.16	1500.43	1500.9	1501.18	1501.9
1502.63	1506.07	1507.4	1508.24	1511.03	1512.68
1514.56	1515.17	1516.19	1519.43	1519.56	1526.27
1530.51	1531.27	1536.09	1595.13	1613.47	1618.72
1702.26	1756.92	3003.54	3004.22	3006.67	3010.59
3018.5	3021.35	3022.91	3023.16	3029.73	3030.73
3034.99	3039.75	3041.78	3042.21	3043	3058.11
3063.27	3065.8	3069.39	3070.91	3071.28	3075.81
3077.26	3087.55	3093	3093.51	3093.95	3095.74
3102.13	3108.24	3111.88	3116.51	3122.25	3133.56
3136.51	3140.57	3141.94	3151.47	3158.48	3161.01
3168.04	3173.05	3176	3190.18	3198.07	3210.96
3211.14	3212.33	3218.05	3222.05	3244.35	3636.52

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S1-TS-E

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-289.4	14.96	26.65	37.04	40.4	46.7
53.15	57.59	58.92	66.02	66.39	72.72
73.52	77.4	81.17	84.9	89.97	96.56
98.47	111.78	117.84	128.09	135.47	152.58
156.29	161.23	174.54	179.76	193.6	198.48
210.88	219.81	225.45	232.74	240.95	244.93
247.17	254.88	260.31	268.13	276.21	286.6
288.64	301.29	317.33	328.59	338.17	351.62
354.82	363.31	369.23	378.4	384.48	399.05
408.2	420.71	426.29	441.58	443.36	447.51
449.41	453.65	465.36	490.15	494.61	497.16
501.03	508.08	517.85	524.13	527.7	540.98
575.94	585.92	593.13	619.57	623.51	634.28
638.58	658.62	668.95	701.62	708.78	725.94
735.88	758.39	764.39	768.16	782.77	787.37
803.22	807.83	811.66	814.62	827.58	831.22
851.22	855.14	862.44	864.33	866.08	868.79
878.57	894.08	896.51	909.5	912.94	914.47
914.65	918.23	921.03	928.39	928.76	943.94
946.23	946.76	953.04	972.96	974.37	981.17
989.73	994.08	997.79	1002.22	1007.66	1013.06
1022.54	1028.11	1029.24	1041.64	1044.26	1046.28

1050.82	1060.05	1060.99	1069.36	1072.47	1074.73
1076.06	1080.61	1094.06	1101	1102.07	1105.41
1106.79	1114.02	1126.82	1127.24	1133.08	1148.13
1152.98	1157.22	1170.19	1171.74	1182.6	1193.96
1194.07	1194.85	1200.32	1201.93	1205.03	1213.44
1215.83	1217.31	1222.51	1240.07	1242.73	1263.47
1274.02	1276.11	1280.33	1284.52	1287.14	1288.86
1293.65	1296.02	1296.98	1300.06	1305.57	1307.88
1323.5	1327.1	1331.91	1338.86	1340.42	1350.84
1354.86	1360.58	1364.47	1371	1372.92	1373.21
1374.81	1385.41	1389.05	1391.41	1393.2	1393.79
1394.57	1398.92	1403.78	1405.26	1421.11	1425.87
1433.31	1439.42	1450.31	1468.87	1470.92	1475.53
1487.93	1493.93	1499.26	1500.62	1500.87	1501.58
1502.17	1503.02	1504.87	1506.6	1508.12	1510.27
1512.32	1514.2	1517.25	1519.59	1523.42	1529.73
1530.86	1536.23	1542.95	1570.42	1616.97	1623.37
1698.48	1787.97	3005.07	3006.28	3008.57	3008.63
3019.32	3021.67	3024.06	3024.46	3025.77	3030.8
3033.43	3035.96	3042.16	3045.62	3046.41	3049.13
3060.39	3066.49	3069.4	3073.71	3074.8	3077.02
3083.27	3089.99	3092.43	3096.18	3097.59	3102.54
3103.69	3105.47	3112.76	3117.74	3118.03	3125.21
3127.77	3133.73	3137.88	3141.26	3159.8	3168.18
3168.45	3177.25	3181.89	3189.61	3202.65	3209.79
3215.02	3222.55	3230.12	3232.11	3249.48	3596.16

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S1-TS-F

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-296.79	23.7	29.9	32.73	36.57	40.28
41.3	48.11	54.95	60.6	62.16	65.85
69.48	73.68	76.44	79.99	85.89	90.91
101.48	109.32	121.99	125.49	138.59	144.41
150.18	168.53	176.63	188.1	194.43	204.17
205.29	219.09	220.94	233.86	236.72	241.06
248.49	255.91	261.97	267.21	272.79	278.95
292.96	300.85	307.88	334.03	342.6	349.52
352.44	360.76	366.82	374.89	378.84	401.42
409.54	426.17	428.03	436.09	445.47	446.94
450.82	451.94	466.03	487.16	493.79	498.52
508.32	515.92	524.37	532.57	544.57	571.37
581.74	588.53	597.09	623.51	626.24	636.86
641.56	667.18	670.56	694.92	712.75	727.97
740.17	761.1	763.31	768.99	780.93	785.41
803.47	808.98	812.68	814.76	826.78	833.93

854.37	859.04	861.36	864.6	866.84	873.82
878.49	898.26	909.13	912.03	913.66	914.72
917.49	920.4	923.52	932.11	941.94	943.44
944.52	947.13	955.3	973.64	979.78	986.81
991.37	997.57	1001.32	1004.33	1010.3	1013.33
1014.27	1027.76	1033.57	1040.94	1044.15	1046.84
1048.47	1060.39	1064.54	1066.15	1069.61	1072.91
1075.63	1081.68	1090.27	1092.11	1098.99	1102.75
1106.47	1109.62	1122.05	1127.07	1132.39	1148.73
1152.99	1157.48	1167.93	1172.29	1182.45	1193.54
1195.08	1196.27	1200.8	1203.54	1211.08	1211.59
1214.6	1222.1	1222.33	1243.95	1247.25	1264.34
1271.14	1273.41	1274.71	1276.37	1282.39	1288.23
1291.77	1292.33	1296.67	1299.07	1306.3	1308.25
1322.89	1325.83	1332	1336.2	1341.85	1348.7
1358.75	1360.51	1364.62	1371.9	1373.26	1374.7
1375.95	1382.87	1387.22	1390.05	1392.4	1393.75
1394.67	1398.43	1401.97	1406.92	1421.87	1422.32
1437.12	1440.09	1457.17	1469.78	1471.13	1473.45
1492.96	1498.64	1500.51	1500.93	1501.75	1502.21
1503.41	1506.12	1508.29	1510.34	1510.52	1511.81
1512.64	1515.48	1519.76	1520.66	1526.07	1526.4
1529.49	1531.96	1537.21	1558.68	1617.29	1622.44
1698.75	1789.78	3002.79	3005.39	3008.93	3009.38
3018.7	3023.27	3023.28	3024.68	3029.95	3030.92
3034.17	3035.96	3037.52	3042.26	3044.63	3054.16
3062.08	3067.11	3071.36	3072.05	3072.9	3075.1
3078.86	3081.7	3082.62	3087.31	3087.49	3094.98
3097.94	3103.98	3113.75	3116.43	3120.68	3127.46
3132.55	3137.11	3145.04	3149.07	3159.04	3171.02
3177.86	3179.73	3186.32	3196	3204.69	3212.95
3218.06	3220.52	3230.05	3231.55	3239.39	3518.05

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-266.82	16.46	20.31	26.32	33.53	40.15
45.52	54.17	57.13	60.79	62.72	66.02
68.87	74.3	76.51	83.92	87.2	93.71
96.66	98.96	105.37	125.75	133.81	149.91
150.85	157.96	161.51	177.43	191.12	199.54
215.28	218.85	219.8	229.45	238.86	240.25
246.33	250.35	255.75	261.5	265.33	282.64
286.2	301.17	313.46	320.04	334.86	349.91
357.4	359.66	370.32	375.8	381.56	393.27
401.17	419.41	426.27	435.76	443.09	447.68

457.04	464.97	469.22	482.59	492.66	496.64
504.92	506.07	511.66	521.37	530.36	551.53
577.23	584.75	599.81	624.92	634.85	639.74
640.91	656	666.91	697.53	709.93	726.75
731.02	762.58	766.04	771.26	783.92	787.25
804.97	806.84	808.34	812.41	826.32	833.88
845.83	853.51	859.92	861.54	864.5	869.55
879.28	896.86	903.02	906.54	908.1	912.61
914.28	917.54	920.29	931.57	940.25	942.96
944.04	946.61	956.5	966.15	972.78	979.14
988.68	992.78	1003.18	1004.52	1009.11	1011.32
1020.89	1027.36	1028.94	1041.74	1042.78	1044.15
1050.61	1061.27	1061.99	1063.73	1068.54	1074.43
1075.58	1080.63	1092.35	1098.06	1101.77	1103.27
1105.72	1119.31	1126.12	1128.14	1139.53	1147.94
1153.91	1157.87	1173.91	1175.42	1183.49	1193.15
1195.53	1196.18	1199.15	1204.45	1208	1214.04
1217.07	1218.4	1222.68	1239.23	1240.99	1270.9
1272.79	1274.36	1279.16	1286.31	1288.38	1290.21
1291.92	1293.45	1295.84	1299.1	1306.16	1308.79
1322.25	1323.6	1331.85	1335.79	1340.31	1345.2
1352.99	1361.57	1369.34	1371.22	1373.18	1373.51
1374.41	1384.91	1387.87	1389.91	1392.31	1393.38
1394.64	1397.25	1401.2	1404.96	1421.23	1422.71
1436.28	1439.59	1455.54	1468.68	1470.56	1473.9
1486.82	1496.25	1497.13	1500.21	1500.61	1501.14
1502	1502.89	1504.04	1505.26	1508.14	1509.02
1511.01	1513.09	1516.21	1517.04	1519.7	1525.12
1529.4	1531.03	1532.84	1607.12	1614.18	1622.19
1706.23	1793.1	3004.28	3004.57	3007.06	3010.68
3017.59	3022.24	3024.36	3024.98	3025.8	3029.28
3029.7	3035.42	3040.67	3043.67	3044.13	3044.26
3058.48	3065.2	3067.67	3070.4	3074.28	3075.52
3077.35	3082.58	3089.57	3094.23	3095.28	3095.79
3096.59	3102.65	3103.03	3110.68	3117.12	3121.86
3129.71	3133.01	3138.97	3143.09	3147.39	3156.19
3168.56	3173.47	3186.44	3188.03	3196.49	3197.32
3200.42	3203.98	3223.11	3241.24	3246.48	3649.09

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