

Table S4 Fitting values of  $\mu$ m and  $\lambda$  at different temperatures and relative humidities

Temperature(°C)	Relative humidity(%)	Fit value of $\mu\text{m}\times 100(\text{h}^{-1})$	Fit value of $\lambda(\text{h})$
15	60	12.17374	117.5977
15.30612	60	13.16662	113.6009
15.61224	60	14.16106	109.6915
15.91837	60	15.15706	105.8697
16.22449	60	16.1546	102.1355
16.53061	60	17.1537	98.48873
16.83673	60	18.15435	94.92952
17.14286	60	19.15655	91.45784
17.44898	60	20.1603	88.07369
17.7551	60	21.16561	84.77707
18.06122	60	22.17247	81.56798
18.36735	60	23.18088	78.44642
18.67347	60	24.19085	75.41238
18.97959	60	25.20236	72.46588
19.28571	60	26.21543	69.6069
19.59184	60	27.23006	66.83545
19.89796	60	28.24623	64.15154
20.20408	60	29.26396	61.55515
20.5102	60	30.28324	59.04629
20.81633	60	31.30407	56.62496
21.12245	60	32.32645	54.29116
21.42857	60	33.35039	52.04489
21.73469	60	34.37588	49.88615
22.04082	60	35.40292	47.81493
22.34694	60	36.43152	45.83125
22.65306	60	37.46166	43.93509
22.95918	60	38.49336	42.12647
23.26531	60	39.52661	40.40537
23.57143	60	40.56142	38.7718
23.87755	60	41.59778	37.22576
24.18367	60	42.63568	35.76726
24.4898	60	43.67515	34.39628
24.79592	60	44.71616	33.11282
25.10204	60	45.75873	31.9169
25.40816	60	46.80285	30.80851
25.71429	60	47.84852	29.78765
26.02041	60	48.89574	28.85431

26.32653	60	49.94452	28.00851
26.63265	60	50.99485	27.25023
26.93878	60	52.04673	26.57948
27.2449	60	53.10016	25.99627
27.55102	60	54.15515	25.50058
27.85714	60	55.21169	25.09242
28.16327	60	56.26978	24.77179
28.46939	60	57.32942	24.53869
28.77551	60	58.39062	24.39312
29.08163	60	59.45337	24.33507
29.38776	60	60.51767	24.36456
29.69388	60	61.58352	24.48157
30	60	62.65093	24.68612
15	60.51	12.1916	117.6378
15.30612	60.51	13.186	113.6416
15.61224	60.51	14.18194	109.7329
15.91837	60.51	15.17944	105.9118
16.22449	60.51	16.17849	102.1782
16.53061	60.51	17.17909	98.53213
16.83673	60.51	18.18125	94.97359
17.14286	60.51	19.18495	91.50259
17.44898	60.51	20.19022	88.11911
17.7551	60.51	21.19703	84.82316
18.06122	60.51	22.20539	81.61474
18.36735	60.51	23.21531	78.49385
18.67347	60.51	24.22678	75.46049
18.97959	60.51	25.2398	72.51466
19.28571	60.51	26.25438	69.65635
19.59184	60.51	27.27051	66.88558
19.89796	60.51	28.28818	64.20233
20.20408	60.51	29.30742	61.60662
20.5102	60.51	30.3282	59.09843
20.81633	60.51	31.35054	56.67778
21.12245	60.51	32.37443	54.34465
21.42857	60.51	33.39987	52.09905
21.73469	60.51	34.42687	49.94098
22.04082	60.51	35.45541	47.87044
22.34694	60.51	36.48551	45.88743
22.65306	60.51	37.51717	43.99194
22.95918	60.51	38.55037	42.18399
23.26531	60.51	39.58513	40.46357
23.57143	60.51	40.62144	38.83067
23.87755	60.51	41.6593	37.28531

24.18367	60.51	42.69871	35.82747
24.4898	60.51	43.73968	34.45716
24.79592	60.51	44.7822	33.17439
25.10204	60.51	45.82627	31.97914
25.40816	60.51	46.8719	30.87142
25.71429	60.51	47.91907	29.85123
26.02041	60.51	48.9678	28.91856
26.32653	60.51	50.01809	28.07343
26.63265	60.51	51.06992	27.31583
26.93878	60.51	52.12331	26.64575
27.2449	60.51	53.17825	26.06321
27.55102	60.51	54.23474	25.56819
27.85714	60.51	55.29278	25.16071
28.16327	60.51	56.35238	24.84075
28.46939	60.51	57.41353	24.60832
28.77551	60.51	58.47623	24.46342
29.08163	60.51	59.54048	24.40605
29.38776	60.51	60.60629	24.43621
29.69388	60.51	61.67365	24.5539
30	60.51	62.74256	24.75912
15	61.02	12.20806	117.6759
15.30612	61.02	13.20395	113.6804
15.61224	61.02	14.2014	109.7724
15.91837	61.02	15.20041	105.952
16.22449	61.02	16.20096	102.219
16.53061	61.02	17.20307	98.57363
16.83673	61.02	18.20673	95.01577
17.14286	61.02	19.21194	91.54544
17.44898	61.02	20.21871	88.16263
17.7551	61.02	21.22703	84.86735
18.06122	61.02	22.2369	81.65961
18.36735	61.02	23.24832	78.53939
18.67347	61.02	24.2613	75.5067
18.97959	61.02	25.27583	72.56154
19.28571	61.02	26.29191	69.70391
19.59184	61.02	27.30954	66.93381
19.89796	61.02	28.32872	64.25124
20.20408	61.02	29.34946	61.6562
20.5102	61.02	30.37175	59.14868
20.81633	61.02	31.39559	56.7287
21.12245	61.02	32.42099	54.39624
21.42857	61.02	33.44794	52.15132
21.73469	61.02	34.47644	49.99392

22.04082	61.02	35.50649	47.92405
22.34694	61.02	36.5381	45.94171
22.65306	61.02	37.57125	44.0469
22.95918	61.02	38.60596	42.23962
23.26531	61.02	39.64223	40.51987
23.57143	61.02	40.68004	38.88765
23.87755	61.02	41.71941	37.34296
24.18367	61.02	42.76033	35.88579
24.4898	61.02	43.8028	34.51616
24.79592	61.02	44.84683	33.23405
25.10204	61.02	45.8924	32.03948
25.40816	61.02	46.93953	30.93243
25.71429	61.02	47.98822	29.91291
26.02041	61.02	49.03845	28.98092
26.32653	61.02	50.09024	28.13646
26.63265	61.02	51.14358	27.37953
26.93878	61.02	52.19847	26.71013
27.2449	61.02	53.25491	26.12826
27.55102	61.02	54.31291	25.63392
27.85714	61.02	55.37246	25.2271
28.16327	61.02	56.43356	24.90782
28.46939	61.02	57.49622	24.67606
28.77551	61.02	58.56043	24.53184
29.08163	61.02	59.62619	24.47514
29.38776	61.02	60.6935	24.50597
29.69388	61.02	61.76236	24.62433
30	61.02	62.83278	24.83022
15	61.531	12.22309	117.7121
15.30612	61.531	13.2205	113.7173
15.61224	61.531	14.21945	109.81
15.91837	61.531	15.21996	105.9902
16.22449	61.531	16.22202	102.258
16.53061	61.531	17.22564	98.61324
16.83673	61.531	18.2308	95.05605
17.14286	61.531	19.23752	91.58639
17.44898	61.531	20.24579	88.20426
17.7551	61.531	21.25561	84.90966
18.06122	61.531	22.26699	81.70258
18.36735	61.531	23.27992	78.58304
18.67347	61.531	24.2944	75.55102
18.97959	61.531	25.31043	72.60654
19.28571	61.531	26.32802	69.74958
19.59184	61.531	27.34716	66.98015

19.89796	61.531	28.36785	64.29825
20.20408	61.531	29.39009	61.70388
20.5102	61.531	30.41389	59.19704
20.81633	61.531	31.43923	56.77773
21.12245	61.531	32.46613	54.44595
21.42857	61.531	33.49459	52.20169
21.73469	61.531	34.52459	50.04497
22.04082	61.531	35.55615	47.97577
22.34694	61.531	36.58926	45.99411
22.65306	61.531	37.62392	44.09997
22.95918	61.531	38.66014	42.29336
23.26531	61.531	39.69791	40.57429
23.57143	61.531	40.73723	38.94274
23.87755	61.531	41.7781	37.39872
24.18367	61.531	42.82053	35.94222
24.4898	61.531	43.8645	34.57326
24.79592	61.531	44.91004	33.29183
25.10204	61.531	45.95712	32.09793
25.40816	61.531	47.00575	30.99155
25.71429	61.531	48.05594	29.97271
26.02041	61.531	49.10768	29.04139
26.32653	61.531	50.16097	28.1976
26.63265	61.531	51.21582	27.44135
26.93878	61.531	52.27222	26.77262
27.2449	61.531	53.33017	26.19142
27.55102	61.531	54.38967	25.69775
27.85714	61.531	55.45072	25.29161
28.16327	61.531	56.51333	24.973
28.46939	61.531	57.57749	24.74191
28.77551	61.531	58.64321	24.59836
29.08163	61.531	59.71047	24.54234
29.38776	61.531	60.77929	24.57384
29.69388	61.531	61.84966	24.69287
30	61.531	62.92158	24.89944
15	62.041	12.23671	117.7465
15.30612	62.041	13.23562	113.7523
15.61224	62.041	14.23608	109.8457
15.91837	62.041	15.2381	106.0266
16.22449	62.041	16.24166	102.295
16.53061	62.041	17.24678	98.65096
16.83673	62.041	18.25346	95.09445
17.14286	62.041	19.26168	91.62546
17.44898	62.041	20.27146	88.244

17.7551	62.041	21.28278	84.95007
18.06122	62.041	22.29567	81.74367
18.36735	62.041	23.3101	78.62479
18.67347	62.041	24.32609	75.59345
18.97959	62.041	25.34362	72.64964
19.28571	62.041	26.36271	69.79335
19.59184	62.041	27.38336	67.0246
19.89796	62.041	28.40555	64.34337
20.20408	62.041	29.4293	61.74967
20.5102	62.041	30.4546	59.24351
20.81633	62.041	31.48146	56.82487
21.12245	62.041	32.50986	54.49376
21.42857	62.041	33.53982	52.25018
21.73469	62.041	34.57133	50.09413
22.04082	62.041	35.6044	48.0256
22.34694	62.041	36.63901	46.04461
22.65306	62.041	37.67518	44.15115
22.95918	62.041	38.7129	42.34521
23.26531	62.041	39.75218	40.62681
23.57143	62.041	40.793	38.99593
23.87755	62.041	41.83538	37.45258
24.18367	62.041	42.87931	35.99676
24.4898	62.041	43.92479	34.62847
24.79592	62.041	44.97183	33.34771
25.10204	62.041	46.02042	32.15448
25.40816	62.041	47.07056	31.04878
25.71429	62.041	48.12225	30.03061
26.02041	62.041	49.1755	29.09997
26.32653	62.041	50.2303	28.25685
26.63265	62.041	51.28665	27.50127
26.93878	62.041	52.34455	26.83321
27.2449	62.041	53.404	26.25269
27.55102	62.041	54.46501	25.75969
27.85714	62.041	55.52757	25.35422
28.16327	62.041	56.59169	25.03628
28.46939	62.041	57.65735	24.80587
28.77551	62.041	58.72457	24.66299
29.08163	62.041	59.79334	24.60764
29.38776	62.041	60.86366	24.63982
29.69388	62.041	61.93554	24.75952
30	62.041	63.00897	24.96676
15	62.551	12.24892	117.779
15.30612	62.551	13.24933	113.7855

15.61224	62.551	14.2513	109.8795
15.91837	62.551	15.25482	106.0611
16.22449	62.551	16.25989	102.3302
16.53061	62.551	17.26652	98.68679
16.83673	62.551	18.27469	95.13095
17.14286	62.551	19.28442	91.66263
17.44898	62.551	20.2957	88.28184
17.7551	62.551	21.30854	84.98859
18.06122	62.551	22.32293	81.78286
18.36735	62.551	23.33886	78.66466
18.67347	62.551	24.35636	75.63399
18.97959	62.551	25.3754	72.69085
19.28571	62.551	26.396	69.83523
19.59184	62.551	27.41815	67.06715
19.89796	62.551	28.44185	64.3866
20.20408	62.551	29.4671	61.79357
20.5102	62.551	30.49391	59.28808
20.81633	62.551	31.52227	56.87011
21.12245	62.551	32.55218	54.53968
21.42857	62.551	33.58364	52.29677
21.73469	62.551	34.61666	50.14139
22.04082	62.551	35.65123	48.07354
22.34694	62.551	36.68735	46.09322
22.65306	62.551	37.72502	44.20043
22.95918	62.551	38.76425	42.39517
23.26531	62.551	39.80503	40.67743
23.57143	62.551	40.84736	39.04723
23.87755	62.551	41.89124	37.50455
24.18367	62.551	42.93668	36.04941
24.4898	62.551	43.98367	34.68179
24.79592	62.551	45.03221	33.40171
25.10204	62.551	46.0823	32.20915
25.40816	62.551	47.13395	31.10412
25.71429	62.551	48.18715	30.08662
26.02041	62.551	49.2419	29.15665
26.32653	62.551	50.2982	28.31421
26.63265	62.551	51.35606	27.5593
26.93878	62.551	52.41547	26.89191
27.2449	62.551	53.47643	26.31206
27.55102	62.551	54.53894	25.81973
27.85714	62.551	55.60301	25.41494
28.16327	62.551	56.66862	25.09767
28.46939	62.551	57.73579	24.86793

28.77551	62.551	58.80452	24.72573
29.08163	62.551	59.87479	24.67105
29.38776	62.551	60.94662	24.7039
29.69388	62.551	62.02	24.82428
30	62.551	63.09494	25.03219
15	63.061	12.25971	117.8095
15.30612	63.061	13.26163	113.8167
15.61224	63.061	14.2651	109.9114
15.91837	63.061	15.27013	106.0937
16.22449	63.061	16.2767	102.3634
16.53061	63.061	17.28483	98.72073
16.83673	63.061	18.29452	95.16555
17.14286	63.061	19.30575	91.69791
17.44898	63.061	20.31854	88.3178
17.7551	63.061	21.33288	85.02521
18.06122	63.061	22.34877	81.82016
18.36735	63.061	23.36621	78.70263
18.67347	63.061	24.38521	75.67263
18.97959	63.061	25.40576	72.73016
19.28571	63.061	26.42786	69.87522
19.59184	63.061	27.45152	67.10781
19.89796	63.061	28.47672	64.42793
20.20408	63.061	29.50348	61.83558
20.5102	63.061	30.5318	59.33076
20.81633	63.061	31.56166	56.91347
21.12245	63.061	32.59308	54.5837
21.42857	63.061	33.62605	52.34147
21.73469	63.061	34.66057	50.18676
22.04082	63.061	35.69664	48.11958
22.34694	63.061	36.73427	46.13994
22.65306	63.061	37.77345	44.24782
22.95918	63.061	38.81418	42.44323
23.26531	63.061	39.85646	40.72617
23.57143	63.061	40.9003	39.09664
23.87755	63.061	41.94569	37.55464
24.18367	63.061	42.99263	36.10016
24.4898	63.061	44.04112	34.73322
24.79592	63.061	45.09117	33.4538
25.10204	63.061	46.14277	32.26192
25.40816	63.061	47.19592	31.15756
25.71429	63.061	48.25063	30.14074
26.02041	63.061	49.30688	29.21144
26.32653	63.061	50.36469	28.36967



26.63265	63.061	51.42405	27.61543
26.93878	63.061	52.48497	26.94872
27.2449	63.061	53.54743	26.36954
27.55102	63.061	54.61145	25.87789
27.85714	63.061	55.67702	25.47377
28.16327	63.061	56.74415	25.15717
28.46939	63.061	57.81282	24.92811
28.77551	63.061	58.88305	24.78657
29.08163	63.061	59.95483	24.73257
29.38776	63.061	61.02817	24.76609
29.69388	63.061	62.10305	24.88714
30	63.061	63.17949	25.09572
15	63.571	12.26909	117.8382
15.30612	63.571	13.27251	113.8461
15.61224	63.571	14.27749	109.9414
15.91837	63.571	15.28402	106.1244
16.22449	63.571	16.2921	102.3948
16.53061	63.571	17.30174	98.75277
16.83673	63.571	18.31292	95.19827
17.14286	63.571	19.32566	91.7313
17.44898	63.571	20.33996	88.35186
17.7551	63.571	21.3558	85.05994
18.06122	63.571	22.3732	81.85556
18.36735	63.571	23.39215	78.73871
18.67347	63.571	24.41265	75.70938
18.97959	63.571	25.43471	72.76759
19.28571	63.571	26.45831	69.91332
19.59184	63.571	27.48347	67.14658
19.89796	63.571	28.51019	64.46738
20.20408	63.571	29.53845	61.8757
20.5102	63.571	30.56827	59.37155
20.81633	63.571	31.59964	56.95493
21.12245	63.571	32.63256	54.62583
21.42857	63.571	33.66703	52.38427
21.73469	63.571	34.70306	50.23024
22.04082	63.571	35.74064	48.16374
22.34694	63.571	36.77977	46.18476
22.65306	63.571	37.82046	44.29331
22.95918	63.571	38.86269	42.4894
23.26531	63.571	39.90648	40.77301
23.57143	63.571	40.95183	39.14415
23.87755	63.571	41.99872	37.60282
24.18367	63.571	43.04717	36.14902

24.4898	63.571	44.09717	34.78275
24.79592	63.571	45.14872	33.50401
25.10204	63.571	46.20182	32.3128
25.40816	63.571	47.25648	31.20912
25.71429	63.571	48.31269	30.19296
26.02041	63.571	49.37045	29.26434
26.32653	63.571	50.42977	28.42324
26.63265	63.571	51.49063	27.66967
26.93878	63.571	52.55305	27.00364
27.2449	63.571	53.61702	26.42513
27.55102	63.571	54.68255	25.93415
27.85714	63.571	55.74962	25.5307
28.16327	63.571	56.81825	25.21478
28.46939	63.571	57.88844	24.98639
28.77551	63.571	58.96017	24.84552
29.08163	63.571	60.03346	24.79219
29.38776	63.571	61.1083	24.82639
29.69388	63.571	62.18469	24.94811
30	63.571	63.26263	25.15737
15	64.082	12.27705	117.865
15.30612	64.082	13.28198	113.8735
15.61224	64.082	14.28846	109.9696
15.91837	64.082	15.2965	106.1532
16.22449	64.082	16.30608	102.4243
16.53061	64.082	17.31722	98.78292
16.83673	64.082	18.32992	95.22909
17.14286	64.082	19.34416	91.76279
17.44898	64.082	20.35996	88.38402
17.7551	64.082	21.37731	85.09278
18.06122	64.082	22.39621	81.88907
18.36735	64.082	23.41667	78.77289
18.67347	64.082	24.43868	75.74424
18.97959	64.082	25.46224	72.80312
19.28571	64.082	26.48735	69.94952
19.59184	64.082	27.51401	67.18346
19.89796	64.082	28.54223	64.50493
20.20408	64.082	29.572	61.91392
20.5102	64.082	30.60332	59.41044
20.81633	64.082	31.6362	56.99449
21.12245	64.082	32.67063	54.66608
21.42857	64.082	33.70661	52.42519
21.73469	64.082	34.74414	50.27183
22.04082	64.082	35.78323	48.20599

22.34694	64.082	36.82386	46.22769
22.65306	64.082	37.86605	44.33692
22.95918	64.082	38.90979	42.53368
23.26531	64.082	39.95509	40.81796
23.57143	64.082	41.00194	39.18978
23.87755	64.082	42.05034	37.64912
24.18367	64.082	43.10029	36.19599
24.4898	64.082	44.15179	34.83039
24.79592	64.082	45.20485	33.55233
25.10204	64.082	46.25946	32.36179
25.40816	64.082	47.31562	31.25878
25.71429	64.082	48.37334	30.24329
26.02041	64.082	49.43261	29.31534
26.32653	64.082	50.49343	28.47492
26.63265	64.082	51.5558	27.72203
26.93878	64.082	52.61972	27.05666
27.2449	64.082	53.6852	26.47882
27.55102	64.082	54.75223	25.98852
27.85714	64.082	55.82081	25.58574
28.16327	64.082	56.89095	25.27049
28.46939	64.082	57.96263	25.04277
28.77551	64.082	59.03587	24.90258
29.08163	64.082	60.11066	24.84992
29.38776	64.082	61.18701	24.88479
29.69388	64.082	62.26491	25.00719
30	64.082	63.34436	25.21712
15	64.592	12.28359	117.8899
15.30612	64.592	13.29003	113.8991
15.61224	64.592	14.29802	109.9958
15.91837	64.592	15.30756	106.1801
16.22449	64.592	16.31865	102.4519
16.53061	64.592	17.3313	98.81117
16.83673	64.592	18.34549	95.25802
17.14286	64.592	19.36124	91.7924
17.44898	64.592	20.37855	88.4143
17.7551	64.592	21.3974	85.12373
18.06122	64.592	22.41781	81.9207
18.36735	64.592	23.43977	78.80519
18.67347	64.592	24.46329	75.77721
18.97959	64.592	25.48835	72.83676
19.28571	64.592	26.51497	69.98384
19.59184	64.592	27.54314	67.21845
19.89796	64.592	28.57286	64.54058

20.20408	64.592	29.60414	61.95025
20.5102	64.592	30.63697	59.44745
20.81633	64.592	31.67135	57.03217
21.12245	64.592	32.70728	54.70442
21.42857	64.592	33.74477	52.46421
21.73469	64.592	34.7838	50.31152
22.04082	64.592	35.82439	48.24636
22.34694	64.592	36.86654	46.26873
22.65306	64.592	37.91023	44.37863
22.95918	64.592	38.95548	42.57606
23.26531	64.592	40.00228	40.86102
23.57143	64.592	41.05063	39.23351
23.87755	64.592	42.10054	37.69352
24.18367	64.592	43.152	36.24107
24.4898	64.592	44.20501	34.87614
24.79592	64.592	45.25957	33.59875
25.10204	64.592	46.31568	32.40888
25.40816	64.592	47.37335	31.30654
25.71429	64.592	48.43257	30.29173
26.02041	64.592	49.49334	29.36445
26.32653	64.592	50.55567	28.5247
26.63265	64.592	51.61955	27.77248
26.93878	64.592	52.68498	27.10779
27.2449	64.592	53.75196	26.53063
27.55102	64.592	54.82049	26.04099
27.85714	64.592	55.89058	25.63889
28.16327	64.592	56.96222	25.32432
28.46939	64.592	58.03541	25.09727
28.77551	64.592	59.11016	24.95775
29.08163	64.592	60.18646	24.90576
29.38776	64.592	61.26431	24.94131
29.69388	64.592	62.34371	25.06438
30	64.592	63.42466	25.27498
15	65.102	12.28872	117.9129
15.30612	65.102	13.29666	113.9228
15.61224	65.102	14.30616	110.0202
15.91837	65.102	15.3172	106.2051
16.22449	65.102	16.3298	102.4776
16.53061	65.102	17.34395	98.83754
16.83673	65.102	18.35966	95.28506
17.14286	65.102	19.37691	91.82011
17.44898	65.102	20.39572	88.44268
17.7551	65.102	21.41608	85.15279

18.06122	65.102	22.43799	81.95042
18.36735	65.102	23.46146	78.83559
18.67347	65.102	24.48648	75.80828
18.97959	65.102	25.51305	72.8685
19.28571	65.102	26.54117	70.01626
19.59184	65.102	27.57085	67.25154
19.89796	65.102	28.60208	64.57435
20.20408	65.102	29.63486	61.98469
20.5102	65.102	30.66919	59.48256
20.81633	65.102	31.70508	57.06795
21.12245	65.102	32.74252	54.74088
21.42857	65.102	33.78151	52.50134
21.73469	65.102	34.82205	50.34932
22.04082	65.102	35.86415	48.28484
22.34694	65.102	36.9078	46.30788
22.65306	65.102	37.953	44.41845
22.95918	65.102	38.99975	42.61655
23.26531	65.102	40.04805	40.90218
23.57143	65.102	41.09791	39.27534
23.87755	65.102	42.14932	37.73603
24.18367	65.102	43.20229	36.28425
24.4898	65.102	44.2568	34.92
24.79592	65.102	45.31287	33.64328
25.10204	65.102	46.37049	32.45408
25.40816	65.102	47.42966	31.35242
25.71429	65.102	48.49039	30.33828
26.02041	65.102	49.55267	29.41168
26.32653	65.102	50.6165	28.5726
26.63265	65.102	51.68188	27.82105
26.93878	65.102	52.74882	27.15703
27.2449	65.102	53.8173	26.58054
27.55102	65.102	54.88735	26.09158
27.85714	65.102	55.95894	25.69015
28.16327	65.102	57.03208	25.37624
28.46939	65.102	58.10678	25.14987
28.77551	65.102	59.18303	25.01103
29.08163	65.102	60.26083	24.95971
29.38776	65.102	61.34019	24.99593
29.69388	65.102	62.4211	25.11967
30	65.102	63.50356	25.33094
15	65.612	12.29243	117.934
15.30612	65.612	13.30188	113.9445
15.61224	65.612	14.31288	110.0426

15.91837	65.612	15.32543	106.2282
16.22449	65.612	16.33954	102.5014
16.53061	65.612	17.35519	98.86201
16.83673	65.612	18.3724	95.3102
17.14286	65.612	19.39116	91.84592
17.44898	65.612	20.41148	88.46917
17.7551	65.612	21.43334	85.17995
18.06122	65.612	22.45676	81.97826
18.36735	65.612	23.48173	78.8641
18.67347	65.612	24.50826	75.83746
18.97959	65.612	25.53633	72.89836
19.28571	65.612	26.56596	70.04678
19.59184	65.612	27.59714	67.28274
19.89796	65.612	28.62988	64.60622
20.20408	65.612	29.66416	62.01723
20.5102	65.612	30.7	59.51577
20.81633	65.612	31.73739	57.10184
21.12245	65.612	32.77634	54.77544
21.42857	65.612	33.81683	52.53657
21.73469	65.612	34.85888	50.38523
22.04082	65.612	35.90248	48.32142
22.34694	65.612	36.94764	46.34513
22.65306	65.612	37.99434	44.45638
22.95918	65.612	39.0426	42.65515
23.26531	65.612	40.09241	40.94146
23.57143	65.612	41.14378	39.31529
23.87755	65.612	42.19669	37.77665
24.18367	65.612	43.25116	36.32554
24.4898	65.612	44.30718	34.96196
24.79592	65.612	45.36476	33.68591
25.10204	65.612	46.42388	32.49739
25.40816	65.612	47.48456	31.3964
25.71429	65.612	48.54679	30.38294
26.02041	65.612	49.61058	29.457
26.32653	65.612	50.67591	28.6186
26.63265	65.612	51.7428	27.86772
26.93878	65.612	52.81124	27.20438
27.2449	65.612	53.88123	26.62856
27.55102	65.612	54.95278	26.14027
27.85714	65.612	56.02588	25.73951
28.16327	65.612	57.10053	25.42628
28.46939	65.612	58.17673	25.20058
28.77551	65.612	59.25449	25.06241

29.08163	65.612	60.3338	25.01177
29.38776	65.612	61.41466	25.04865
29.69388	65.612	62.49707	25.17307
30	65.612	63.58104	25.38502
15	66.122	12.29473	117.9532
15.30612	66.122	13.30568	113.9644
15.61224	66.122	14.31819	110.0632
15.91837	66.122	15.33225	106.2495
16.22449	66.122	16.34786	102.5233
16.53061	66.122	17.36502	98.88459
16.83673	66.122	18.38373	95.33345
17.14286	66.122	19.404	91.86985
17.44898	66.122	20.42582	88.49377
17.7551	66.122	21.44919	85.20522
18.06122	66.122	22.47412	82.0042
18.36735	66.122	23.50059	78.89071
18.67347	66.122	24.52862	75.86475
18.97959	66.122	25.5582	72.92632
19.28571	66.122	26.58934	70.07542
19.59184	66.122	27.62202	67.31204
19.89796	66.122	28.65626	64.6362
20.20408	66.122	29.69205	62.04789
20.5102	66.122	30.7294	59.5471
20.81633	66.122	31.7683	57.13384
21.12245	66.122	32.80874	54.80812
21.42857	66.122	33.85075	52.56992
21.73469	66.122	34.8943	50.41925
22.04082	66.122	35.93941	48.35611
22.34694	66.122	36.98607	46.3805
22.65306	66.122	38.03428	44.49241
22.95918	66.122	39.08404	42.69186
23.26531	66.122	40.13536	40.97884
23.57143	66.122	41.18823	39.35334
23.87755	66.122	42.24265	37.81538
24.18367	66.122	43.29862	36.36494
24.4898	66.122	44.35615	35.00204
24.79592	66.122	45.41523	33.72666
25.10204	66.122	46.47586	32.53881
25.40816	66.122	47.53804	31.43849
25.71429	66.122	48.60178	30.4257
26.02041	66.122	49.66707	29.50044
26.32653	66.122	50.73391	28.66271
26.63265	66.122	51.8023	27.9125

26.93878	66.122	52.87225	27.24983
27.2449	66.122	53.94375	26.67469
27.55102	66.122	55.0168	26.18707
27.85714	66.122	56.0914	25.78698
28.16327	66.122	57.16756	25.47443
28.46939	66.122	58.24527	25.2494
28.77551	66.122	59.32453	25.1119
29.08163	66.122	60.40534	25.06193
29.38776	66.122	61.48771	25.09949
29.69388	66.122	62.57163	25.22458
30	66.122	63.6571	25.4372
15	66.633	12.29562	117.9705
15.30612	66.633	13.30807	113.9824
15.61224	66.633	14.32208	110.0818
15.91837	66.633	15.33765	106.2688
16.22449	66.633	16.35476	102.5433
16.53061	66.633	17.37343	98.90528
16.83673	66.633	18.39365	95.35482
17.14286	66.633	19.41542	91.89188
17.44898	66.633	20.43874	88.51648
17.7551	66.633	21.46362	85.2286
18.06122	66.633	22.49005	82.02825
18.36735	66.633	23.51803	78.91544
18.67347	66.633	24.54757	75.89015
18.97959	66.633	25.57866	72.95239
19.28571	66.633	26.6113	70.10216
19.59184	66.633	27.64549	67.33946
19.89796	66.633	28.68123	64.66429
20.20408	66.633	29.71853	62.07665
20.5102	66.633	30.75738	59.57653
20.81633	66.633	31.79778	57.16395
21.12245	66.633	32.83974	54.83889
21.42857	66.633	33.88324	52.60137
21.73469	66.633	34.9283	50.45137
22.04082	66.633	35.97491	48.3889
22.34694	66.633	37.02308	46.41397
22.65306	66.633	38.0728	44.52656
22.95918	66.633	39.12407	42.72668
23.26531	66.633	40.17689	41.01433
23.57143	66.633	41.23126	39.3895
23.87755	66.633	42.28719	37.85221
24.18367	66.633	43.34467	36.40245
24.4898	66.633	44.4037	35.04021



24.79592	66.633	45.46428	33.76551
25.10204	66.633	46.52642	32.57833
25.40816	66.633	47.59011	31.47869
25.71429	66.633	48.65535	30.46657
26.02041	66.633	49.72215	29.54198
26.32653	66.633	50.79049	28.70492
26.63265	66.633	51.86039	27.95539
26.93878	66.633	52.93184	27.29339
27.2449	66.633	54.00485	26.71892
27.55102	66.633	55.0794	26.23198
27.85714	66.633	56.15551	25.83256
28.16327	66.633	57.23317	25.52068
28.46939	66.633	58.31239	25.29632
28.77551	66.633	59.39315	25.1595
29.08163	66.633	60.47547	25.1102
29.38776	66.633	61.55935	25.14843
29.69388	66.633	62.64477	25.27419
30	66.633	63.73175	25.48749
15	67.143	12.29508	117.986
15.30612	67.143	13.30905	113.9985
15.61224	67.143	14.32456	110.0986
15.91837	67.143	15.34163	106.2862
16.22449	67.143	16.36025	102.5614
16.53061	67.143	17.38042	98.92407
16.83673	67.143	18.40215	95.37428
17.14286	67.143	19.42543	91.91202
17.44898	67.143	20.45026	88.53729
17.7551	67.143	21.47664	85.25009
18.06122	67.143	22.50457	82.05041
18.36735	67.143	23.53406	78.93827
18.67347	67.143	24.5651	75.91365
18.97959	67.143	25.59769	72.97657
19.28571	67.143	26.63184	70.12701
19.59184	67.143	27.66754	67.36498
19.89796	67.143	28.70479	64.69048
20.20408	67.143	29.74359	62.10351
20.5102	67.143	30.78394	59.60407
20.81633	67.143	31.82585	57.19216
21.12245	67.143	32.86931	54.86778
21.42857	67.143	33.91432	52.63093
21.73469	67.143	34.96089	50.4816
22.04082	67.143	36.00901	48.41981
22.34694	67.143	37.05868	46.44554

22.65306	67.143	38.1099	44.55881
22.95918	67.143	39.16267	42.7596
23.26531	67.143	40.217	41.04792
23.57143	67.143	41.27288	39.42377
23.87755	67.143	42.33031	37.88715
24.18367	67.143	43.3893	36.43806
24.4898	67.143	44.44983	35.0765
24.79592	67.143	45.51192	33.80247
25.10204	67.143	46.57557	32.61597
25.40816	67.143	47.64076	31.51699
25.71429	67.143	48.70751	30.50555
26.02041	67.143	49.77581	29.58163
26.32653	67.143	50.84566	28.74525
26.63265	67.143	51.91706	27.99639
26.93878	67.143	52.99002	27.33506
27.2449	67.143	54.06453	26.76126
27.55102	67.143	55.14059	26.27499
27.85714	67.143	56.21821	25.87625
28.16327	67.143	57.29737	25.56504
28.46939	67.143	58.37809	25.34136
28.77551	67.143	59.46037	25.2052
29.08163	67.143	60.54419	25.15658
29.38776	67.143	61.62957	25.19548
29.69388	67.143	62.7165	25.32192
30	67.143	63.80498	25.53588
15	67.653	12.29314	117.9995
15.30612	67.653	13.3086	114.0127
15.61224	67.653	14.32562	110.1135
15.91837	67.653	15.3442	106.3018
16.22449	67.653	16.36432	102.5776
16.53061	67.653	17.386	98.94098
16.83673	67.653	18.40923	95.39186
17.14286	67.653	19.43402	91.93027
17.44898	67.653	20.46035	88.55621
17.7551	67.653	21.48824	85.26968
18.06122	67.653	22.51768	82.07068
18.36735	67.653	23.54867	78.95921
18.67347	67.653	24.58122	75.93527
18.97959	67.653	25.61532	72.99885
19.28571	67.653	26.65097	70.14997
19.59184	67.653	27.68817	67.38861
19.89796	67.653	28.72693	64.71479
20.20408	67.653	29.76723	62.12849

20.5102	67.653	30.80909	59.62972
20.81633	67.653	31.85251	57.21848
21.12245	67.653	32.89747	54.89477
21.42857	67.653	33.94399	52.65859
21.73469	67.653	34.99206	50.50994
22.04082	67.653	36.04168	48.44882
22.34694	67.653	37.09286	46.47523
22.65306	67.653	38.14559	44.58916
22.95918	67.653	39.19987	42.79063
23.26531	67.653	40.2557	41.07963
23.57143	67.653	41.31308	39.45615
23.87755	67.653	42.37202	37.9202
24.18367	67.653	43.43251	36.47178
24.4898	67.653	44.49455	35.1109
24.79592	67.653	45.55815	33.83754
25.10204	67.653	46.6233	32.65171
25.40816	67.653	47.69	31.5534
25.71429	67.653	48.75825	30.54263
26.02041	67.653	49.82805	29.61939
26.32653	67.653	50.89941	28.78368
26.63265	67.653	51.97232	28.03549
26.93878	67.653	53.04678	27.37484
27.2449	67.653	54.1228	26.80171
27.55102	67.653	55.20037	26.31611
27.85714	67.653	56.27949	25.91805
28.16327	67.653	57.36016	25.60751
28.46939	67.653	58.44238	25.3845
28.77551	67.653	59.52616	25.24902
29.08163	67.653	60.61149	25.20106
29.38776	67.653	61.69837	25.24064
29.69388	67.653	62.78681	25.36775
30	67.653	63.87679	25.58239
15	68.163	12.28977	118.0112
15.30612	68.163	13.30675	114.0251
15.61224	68.163	14.32527	110.1265
15.91837	68.163	15.34535	106.3155
16.22449	68.163	16.36698	102.592
16.53061	68.163	17.39017	98.95599
16.83673	68.163	18.4149	95.40754
17.14286	68.163	19.44119	91.94663
17.44898	68.163	20.46903	88.57324
17.7551	68.163	21.49842	85.28738
18.06122	68.163	22.52937	82.08905

18.36735	68.163	23.56187	78.97825
18.67347	68.163	24.59592	75.95498
18.97959	68.163	25.63152	73.01924
19.28571	68.163	26.66868	70.17103
19.59184	68.163	27.70739	67.41035
19.89796	68.163	28.74765	64.7372
20.20408	68.163	29.78946	62.15157
20.5102	68.163	30.83283	59.65348
20.81633	68.163	31.87775	57.24291
21.12245	68.163	32.92422	54.91988
21.42857	68.163	33.97224	52.68437
21.73469	68.163	35.02182	50.53639
22.04082	68.163	36.07294	48.47594
22.34694	68.163	37.12562	46.50302
22.65306	68.163	38.17986	44.61763
22.95918	68.163	39.23564	42.81977
23.26531	68.163	40.29298	41.10944
23.57143	68.163	41.35187	39.48663
23.87755	68.163	42.41231	37.95136
24.18367	68.163	43.47431	36.50361
24.4898	68.163	44.53786	35.1434
24.79592	68.163	45.60296	33.87071
25.10204	68.163	46.66961	32.68555
25.40816	68.163	47.73782	31.58793
25.71429	68.163	48.80757	30.57783
26.02041	68.163	49.87888	29.65526
26.32653	68.163	50.95175	28.82021
26.63265	68.163	52.02616	28.0727
26.93878	68.163	53.10213	27.41272
27.2449	68.163	54.17965	26.84027
27.55102	68.163	55.25872	26.35534
27.85714	68.163	56.33935	25.95795
28.16327	68.163	57.42153	25.64808
28.46939	68.163	58.50526	25.42574
28.77551	68.163	59.59054	25.29094
29.08163	68.163	60.67738	25.24366
29.38776	68.163	61.76576	25.28391
29.69388	68.163	62.8557	25.41169
30	68.163	63.9472	25.627
15	68.673	12.28499	118.0209
15.30612	68.673	13.30347	114.0355
15.61224	68.673	14.3235	110.1376
15.91837	68.673	15.34509	106.3272

16.22449	68.673	16.36823	102.6044
16.53061	68.673	17.39291	98.9691
16.83673	68.673	18.41916	95.42133
17.14286	68.673	19.44695	91.96109
17.44898	68.673	20.4763	88.58837
17.7551	68.673	21.50719	85.30319
18.06122	68.673	22.53965	82.10553
18.36735	68.673	23.57365	78.99541
18.67347	68.673	24.60921	75.97281
18.97959	68.673	25.64632	73.03774
19.28571	68.673	26.68498	70.1902
19.59184	68.673	27.72519	67.4302
19.89796	68.673	28.76696	64.75771
20.20408	68.673	29.81027	62.17276
20.5102	68.673	30.85515	59.67534
20.81633	68.673	31.90157	57.26545
21.12245	68.673	32.94955	54.94308
21.42857	68.673	33.99907	52.70825
21.73469	68.673	35.05016	50.56094
22.04082	68.673	36.10279	48.50117
22.34694	68.673	37.15698	46.52892
22.65306	68.673	38.21271	44.6442
22.95918	68.673	39.27	42.84701
23.26531	68.673	40.32885	41.13735
23.57143	68.673	41.38924	39.51522
23.87755	68.673	42.45119	37.98062
24.18367	68.673	43.51469	36.53355
24.4898	68.673	44.57975	35.17401
24.79592	68.673	45.64635	33.90199
25.10204	68.673	46.71451	32.71751
25.40816	68.673	47.78422	31.62055
25.71429	68.673	48.85548	30.61113
26.02041	68.673	49.9283	29.68923
26.32653	68.673	51.00267	28.85486
26.63265	68.673	52.07859	28.10802
26.93878	68.673	53.15606	27.44871
27.2449	68.673	54.23509	26.87693
27.55102	68.673	55.31567	26.39268
27.85714	68.673	56.3978	25.99596
28.16327	68.673	57.48148	25.68676
28.46939	68.673	58.56672	25.4651
28.77551	68.673	59.6535	25.33096
29.08163	68.673	60.74184	25.28436

29.38776	68.673	61.83174	25.32528
29.69388	68.673	62.92318	25.45373
30	68.673	64.01618	25.66972
15	69.184	12.2788	118.0288
15.30612	69.184	13.29879	114.044
15.61224	69.184	14.32032	110.1468
15.91837	69.184	15.34341	106.3371
16.22449	69.184	16.36805	102.615
16.53061	69.184	17.39425	98.98033
16.83673	69.184	18.42199	95.43323
17.14286	69.184	19.45129	91.97366
17.44898	69.184	20.48215	88.60162
17.7551	69.184	21.51455	85.31711
18.06122	69.184	22.54851	82.12012
18.36735	69.184	23.58402	79.01067
18.67347	69.184	24.62108	75.98875
18.97959	69.184	25.65969	73.05435
19.28571	69.184	26.69986	70.20748
19.59184	69.184	27.74158	67.44815
19.89796	69.184	28.78485	64.77634
20.20408	69.184	29.82967	62.19206
20.5102	69.184	30.87605	59.69531
20.81633	69.184	31.92398	57.28609
21.12245	69.184	32.97346	54.9644
21.42857	69.184	34.02449	52.73024
21.73469	69.184	35.07708	50.58361
22.04082	69.184	36.13122	48.5245
22.34694	69.184	37.18691	46.55293
22.65306	69.184	38.24415	44.66888
22.95918	69.184	39.30295	42.87237
23.26531	69.184	40.3633	41.16338
23.57143	69.184	41.4252	39.54192
23.87755	69.184	42.48865	38.00799
24.18367	69.184	43.55366	36.56159
24.4898	69.184	44.62022	35.20272
24.79592	69.184	45.68833	33.93138
25.10204	69.184	46.75799	32.74757
25.40816	69.184	47.82921	31.65129
25.71429	69.184	48.90198	30.64253
26.02041	69.184	49.9763	29.72131
26.32653	69.184	51.05217	28.88761
26.63265	69.184	52.1296	28.14145
26.93878	69.184	53.20858	27.48281

27.2449	69.184	54.28911	26.9117
27.55102	69.184	55.37119	26.42812
27.85714	69.184	56.45483	26.03207
28.16327	69.184	57.54002	25.72355
28.46939	69.184	58.62676	25.50256
28.77551	69.184	59.71505	25.3691
29.08163	69.184	60.8049	25.32317
29.38776	69.184	61.8963	25.36476
29.69388	69.184	62.98925	25.49389
30	69.184	64.08375	25.71054
15	69.694	12.27119	118.0347
15.30612	69.694	13.29268	114.0507
15.61224	69.694	14.31572	110.1541
15.91837	69.694	15.34032	106.3451
16.22449	69.694	16.36647	102.6236
16.53061	69.694	17.39417	98.98966
16.83673	69.694	18.42342	95.44323
17.14286	69.694	19.45422	91.98434
17.44898	69.694	20.48658	88.61297
17.7551	69.694	21.52049	85.32913
18.06122	69.694	22.55595	82.13282
18.36735	69.694	23.59297	79.02404
18.67347	69.694	24.63153	76.00279
18.97959	69.694	25.67165	73.06907
19.28571	69.694	26.71332	70.22287
19.59184	69.694	27.75655	67.46421
19.89796	69.694	28.80133	64.79307
20.20408	69.694	29.84766	62.20947
20.5102	69.694	30.89554	59.71339
20.81633	69.694	31.94497	57.30484
21.12245	69.694	32.99596	54.98383
21.42857	69.694	34.0485	52.75034
21.73469	69.694	35.10259	50.60438
22.04082	69.694	36.15823	48.54595
22.34694	69.694	37.21543	46.57504
22.65306	69.694	38.27418	44.69167
22.95918	69.694	39.33448	42.89583
23.26531	69.694	40.39634	41.18751
23.57143	69.694	41.45974	39.56673
23.87755	69.694	42.5247	38.03347
24.18367	69.694	43.59121	36.58775
24.4898	69.694	44.65928	35.22955
24.79592	69.694	45.72889	33.95888

25.10204	69.694	46.80006	32.77574
25.40816	69.694	47.87279	31.68013
25.71429	69.694	48.94706	30.67205
26.02041	69.694	50.02289	29.7515
26.32653	69.694	51.10026	28.91848
26.63265	69.694	52.1792	28.17298
26.93878	69.694	53.25968	27.51502
27.2449	69.694	54.34172	26.94458
27.55102	69.694	55.42531	26.46168
27.85714	69.694	56.51045	26.0663
28.16327	69.694	57.59714	25.75845
28.46939	69.694	58.68539	25.53813
28.77551	69.694	59.77519	25.40534
29.08163	69.694	60.86654	25.36008
29.38776	69.694	61.95944	25.40235
29.69388	69.694	63.0539	25.53215
30	69.694	64.14991	25.74948
15	70.204	12.26217	118.0388
15.30612	70.204	13.28516	114.0554
15.61224	70.204	14.30971	110.1595
15.91837	70.204	15.33581	106.3512
16.22449	70.204	16.36346	102.6304
16.53061	70.204	17.39267	98.9971
16.83673	70.204	18.42343	95.45135
17.14286	70.204	19.45574	91.99312
17.44898	70.204	20.4896	88.62243
17.7551	70.204	21.52501	85.33926
18.06122	70.204	22.56198	82.14362
18.36735	70.204	23.6005	79.03552
18.67347	70.204	24.64057	76.01494
18.97959	70.204	25.6822	73.08189
19.28571	70.204	26.72538	70.23637
19.59184	70.204	27.77011	67.47838
19.89796	70.204	28.81639	64.80791
20.20408	70.204	29.86422	62.22498
20.5102	70.204	30.91361	59.72958
20.81633	70.204	31.96455	57.3217
21.12245	70.204	33.01704	55.00136
21.42857	70.204	34.07109	52.76854
21.73469	70.204	35.12668	50.62325
22.04082	70.204	36.18383	48.5655
22.34694	70.204	37.24254	46.59527
22.65306	70.204	38.30279	44.71257



22.95918	70.204	39.3646	42.9174
23.26531	70.204	40.42796	41.20975
23.57143	70.204	41.49287	39.58964
23.87755	70.204	42.55933	38.05706
24.18367	70.204	43.62735	36.61201
24.4898	70.204	44.69692	35.25448
24.79592	70.204	45.76804	33.98449
25.10204	70.204	46.84072	32.80202
25.40816	70.204	47.91494	31.70708
25.71429	70.204	48.99072	30.69967
26.02041	70.204	50.06806	29.77979
26.32653	70.204	51.14694	28.94744
26.63265	70.204	52.22738	28.20262
26.93878	70.204	53.30937	27.54533
27.2449	70.204	54.39291	26.97557
27.55102	70.204	55.478	26.49334
27.85714	70.204	56.56465	26.09863
28.16327	70.204	57.65285	25.79146
28.46939	70.204	58.7426	25.57181
28.77551	70.204	59.8339	25.43969
29.08163	70.204	60.92676	25.39511
29.38776	70.204	62.02117	25.43805
29.69388	70.204	63.11713	25.56852
30	70.204	64.21465	25.78652
15	70.714	12.25173	118.041
15.30612	70.714	13.27623	114.0583
15.61224	70.714	14.30228	110.1631
15.91837	70.714	15.32989	106.3554
16.22449	70.714	16.35904	102.6353
16.53061	70.714	17.38975	99.00265
16.83673	70.714	18.42202	95.45757
17.14286	70.714	19.45583	92.00002
17.44898	70.714	20.4912	88.62999
17.7551	70.714	21.52812	85.3475
18.06122	70.714	22.56659	82.15254
18.36735	70.714	23.60662	79.0451
18.67347	70.714	24.6482	76.02519
18.97959	70.714	25.69133	73.09282
19.28571	70.714	26.73601	70.24797
19.59184	70.714	27.78225	67.49065
19.89796	70.714	28.83003	64.82086
20.20408	70.714	29.87937	62.2386
20.5102	70.714	30.93027	59.74387

20.81633	70.714	31.98271	57.33667
21.12245	70.714	33.03671	55.017
21.42857	70.714	34.09226	52.78485
21.73469	70.714	35.14936	50.64024
22.04082	70.714	36.20802	48.58315
22.34694	70.714	37.26823	46.6136
22.65306	70.714	38.32999	44.73157
22.95918	70.714	39.3933	42.93707
23.26531	70.714	40.45816	41.2301
23.57143	70.714	41.52458	39.61066
23.87755	70.714	42.59255	38.07875
24.18367	70.714	43.66207	36.63437
24.4898	70.714	44.73315	35.27752
24.79592	70.714	45.80578	34.0082
25.10204	70.714	46.87996	32.8264
25.40816	70.714	47.95569	31.73214
25.71429	70.714	49.03297	30.7254
26.02041	70.714	50.11181	29.8062
26.32653	70.714	51.1922	28.97452
26.63265	70.714	52.27414	28.23037
26.93878	70.714	53.35764	27.57375
27.2449	70.714	54.44268	27.00466
27.55102	70.714	55.52928	26.5231
27.85714	70.714	56.61744	26.12907
28.16327	70.714	57.70714	25.82257
28.46939	70.714	58.7984	25.6036
28.77551	70.714	59.89121	25.47215
29.08163	70.714	60.98557	25.42824
29.38776	70.714	62.08148	25.47185
29.69388	70.714	63.17895	25.603
30	70.714	64.27797	25.82167
15	71.224	12.23987	118.0413
15.30612	71.224	13.26588	114.0592
15.61224	71.224	14.29344	110.1647
15.91837	71.224	15.32255	106.3577
16.22449	71.224	16.35321	102.6382
16.53061	71.224	17.38543	99.0063
16.83673	71.224	18.41919	95.4619
17.14286	71.224	19.45452	92.00502
17.44898	71.224	20.49139	88.63567
17.7551	71.224	21.52981	85.35385
18.06122	71.224	22.56979	82.15956
18.36735	71.224	23.61132	79.05279

18.67347	71.224	24.65441	76.03356
18.97959	71.224	25.69904	73.10186
19.28571	71.224	26.74523	70.25768
19.59184	71.224	27.79297	67.50103
19.89796	71.224	28.84226	64.83192
20.20408	71.224	29.89311	62.25033
20.5102	71.224	30.94551	59.75627
20.81633	71.224	31.99946	57.34974
21.12245	71.224	33.05496	55.03074
21.42857	71.224	34.11202	52.79927
21.73469	71.224	35.17063	50.65533
22.04082	71.224	36.23079	48.59892
22.34694	71.224	37.2925	46.63003
22.65306	71.224	38.35576	44.74868
22.95918	71.224	39.42058	42.95486
23.26531	71.224	40.48695	41.24856
23.57143	71.224	41.55488	39.62979
23.87755	71.224	42.62435	38.09856
24.18367	71.224	43.69538	36.65485
24.4898	71.224	44.76796	35.29867
24.79592	71.224	45.84209	34.03002
25.10204	71.224	46.91778	32.8489
25.40816	71.224	47.99502	31.7553
25.71429	71.224	49.07381	30.74924
26.02041	71.224	50.15415	29.83071
26.32653	71.224	51.23604	28.9997
26.63265	71.224	52.31949	28.25623
26.93878	71.224	53.40449	27.60028
27.2449	71.224	54.49104	27.03187
27.55102	71.224	55.57915	26.55098
27.85714	71.224	56.66881	26.15762
28.16327	71.224	57.76002	25.85179
28.46939	71.224	58.85278	25.63349
28.77551	71.224	59.94709	25.50272
29.08163	71.224	61.04296	25.45948
29.38776	71.224	62.14038	25.50376
29.69388	71.224	63.23935	25.63558
30	71.224	64.33988	25.85493
15	71.735	12.2266	118.0397
15.30612	71.735	13.25411	114.0583
15.61224	71.735	14.28318	110.1645
15.91837	71.735	15.31379	106.3581
16.22449	71.735	16.34596	102.6393

16.53061	71.735	17.37968	99.00807
16.83673	71.735	18.41496	95.46433
17.14286	71.735	19.45178	92.00813
17.44898	71.735	20.49016	88.63945
17.7551	71.735	21.53009	85.3583
18.06122	71.735	22.57158	82.16468
18.36735	71.735	23.61461	79.05859
18.67347	71.735	24.6592	76.04003
18.97959	71.735	25.70534	73.109
19.28571	71.735	26.75304	70.2655
19.59184	71.735	27.80228	67.50953
19.89796	71.735	28.85308	64.84108
20.20408	71.735	29.90543	62.26017
20.5102	71.735	30.95933	59.76678
20.81633	71.735	32.01479	57.36092
21.12245	71.735	33.0718	55.0426
21.42857	71.735	34.13036	52.8118
21.73469	71.735	35.19047	50.66853
22.04082	71.735	36.25214	48.61279
22.34694	71.735	37.31536	46.64458
22.65306	71.735	38.38013	44.7639
22.95918	71.735	39.44645	42.97075
23.26531	71.735	40.51433	41.26512
23.57143	71.735	41.58376	39.64703
23.87755	71.735	42.65474	38.11646
24.18367	71.735	43.72727	36.67343
24.4898	71.735	44.80136	35.31792
24.79592	71.735	45.87699	34.04995
25.10204	71.735	46.95418	32.8695
25.40816	71.735	48.03293	31.77658
25.71429	71.735	49.11322	30.77119
26.02041	71.735	50.19507	29.85333
26.32653	71.735	51.27847	29.023
26.63265	71.735	52.36343	28.28019
26.93878	71.735	53.44993	27.62492
27.2449	71.735	54.53799	27.05718
27.55102	71.735	55.6276	26.57696
27.85714	71.735	56.71876	26.18427
28.16327	71.735	57.81148	25.87912
28.46939	71.735	58.90575	25.66149
28.77551	71.735	60.00157	25.53139
29.08163	71.735	61.09894	25.48882
29.38776	71.735	62.19786	25.53378

29.69388	71.735	63.29834	25.66627
30	71.735	64.40037	25.88629
15	72.245	12.21191	118.0362
15.30612	72.245	13.24093	114.0555
15.61224	72.245	14.2715	110.1623
15.91837	72.245	15.30362	106.3567
16.22449	72.245	16.3373	102.6385
16.53061	72.245	17.37252	99.00794
16.83673	72.245	18.4093	95.46488
17.14286	72.245	19.44763	92.00934
17.44898	72.245	20.48752	88.64134
17.7551	72.245	21.52895	85.36086
18.06122	72.245	22.57194	82.16792
18.36735	72.245	23.61649	79.0625
18.67347	72.245	24.66258	76.04461
18.97959	72.245	25.71023	73.11425
19.28571	72.245	26.75942	70.27142
19.59184	72.245	27.81018	67.51612
19.89796	72.245	28.86248	64.84835
20.20408	72.245	29.91634	62.26811
20.5102	72.245	30.97175	59.7754
20.81633	72.245	32.02871	57.37021
21.12245	72.245	33.08722	55.05256
21.42857	72.245	34.14729	52.82243
21.73469	72.245	35.20891	50.67984
22.04082	72.245	36.27208	48.62477
22.34694	72.245	37.3368	46.65723
22.65306	72.245	38.40308	44.77722
22.95918	72.245	39.47091	42.98475
23.26531	72.245	40.54029	41.27979
23.57143	72.245	41.61122	39.66237
23.87755	72.245	42.68371	38.13248
24.18367	72.245	43.75775	36.69012
24.4898	72.245	44.83334	35.33528
24.79592	72.245	45.91048	34.06798
25.10204	72.245	46.98918	32.8882
25.40816	72.245	48.06943	31.79596
25.71429	72.245	49.15123	30.79124
26.02041	72.245	50.23458	29.87405
26.32653	72.245	51.31949	29.04439
26.63265	72.245	52.40594	28.30226
26.93878	72.245	53.49396	27.64766
27.2449	72.245	54.58352	27.08059

27.55102	72.245	55.67463	26.60105
27.85714	72.245	56.7673	26.20904
28.16327	72.245	57.86152	25.90455
28.46939	72.245	58.9573	25.6876
28.77551	72.245	60.05462	25.55817
29.08163	72.245	61.1535	25.51628
29.38776	72.245	62.25393	25.56191
29.69388	72.245	63.35592	25.69507
30	72.245	64.45945	25.91576
15	72.755	12.19581	118.0308
15.30612	72.755	13.22634	114.0508
15.61224	72.755	14.25841	110.1583
15.91837	72.755	15.29204	106.3533
16.22449	72.755	16.32722	102.6358
16.53061	72.755	17.36395	99.00592
16.83673	72.755	18.40223	95.46353
17.14286	72.755	19.44207	92.00867
17.44898	72.755	20.48346	88.64133
17.7551	72.755	21.5264	85.36153
18.06122	72.755	22.5709	82.16926
18.36735	72.755	23.61694	79.06451
18.67347	72.755	24.66454	76.0473
18.97959	72.755	25.71369	73.11761
19.28571	72.755	26.7644	70.27546
19.59184	72.755	27.81666	67.52083
19.89796	72.755	28.87047	64.85373
20.20408	72.755	29.92583	62.27416
20.5102	72.755	30.98274	59.78212
20.81633	72.755	32.04121	57.37761
21.12245	72.755	33.10123	55.06063
21.42857	72.755	34.1628	52.83118
21.73469	72.755	35.22592	50.68925
22.04082	72.755	36.2906	48.63486
22.34694	72.755	37.35683	46.66799
22.65306	72.755	38.42461	44.78866
22.95918	72.755	39.49394	42.99685
23.26531	72.755	40.56483	41.29257
23.57143	72.755	41.63727	39.67583
23.87755	72.755	42.71126	38.14661
24.18367	72.755	43.78681	36.70492
24.4898	72.755	44.8639	35.35075
24.79592	72.755	45.94255	34.08412
25.10204	72.755	47.02275	32.90502

25.40816	72.755	48.10451	31.81345
25.71429	72.755	49.18781	30.8094
26.02041	72.755	50.27267	29.89289
26.32653	72.755	51.35908	29.0639
26.63265	72.755	52.44705	28.32244
26.93878	72.755	53.53656	27.66852
27.2449	72.755	54.62763	27.10212
27.55102	72.755	55.72025	26.62325
27.85714	72.755	56.81443	26.23191
28.16327	72.755	57.91015	25.9281
28.46939	72.755	59.00743	25.71181
28.77551	72.755	60.10626	25.58306
29.08163	72.755	61.20665	25.54184
29.38776	72.755	62.30858	25.58814
29.69388	72.755	63.41207	25.72198
30	72.755	64.51711	25.94334
15	73.265	12.1783	118.0235
15.30612	73.265	13.21032	114.0442
15.61224	73.265	14.2439	110.1523
15.91837	73.265	15.27904	106.348
16.22449	73.265	16.31572	102.6313
16.53061	73.265	17.35396	99.002
16.83673	73.265	18.39375	95.46028
17.14286	73.265	19.43509	92.0061
17.44898	73.265	20.47799	88.63944
17.7551	73.265	21.52243	85.36031
18.06122	73.265	22.56843	82.16871
18.36735	73.265	23.61599	79.06464
18.67347	73.265	24.66509	76.04809
18.97959	73.265	25.71575	73.11908
19.28571	73.265	26.76796	70.2776
19.59184	73.265	27.82172	67.52364
19.89796	73.265	28.87703	64.85722
20.20408	73.265	29.9339	62.27832
20.5102	73.265	30.99232	59.78695
20.81633	73.265	32.05229	57.38312
21.12245	73.265	33.11382	55.06681
21.42857	73.265	34.1769	52.83803
21.73469	73.265	35.24153	50.69678
22.04082	73.265	36.30771	48.64305
22.34694	73.265	37.37544	46.67686
22.65306	73.265	38.44473	44.7982
22.95918	73.265	39.51557	43.00706

23.26531	73.265	40.58796	41.30346
23.57143	73.265	41.6619	39.68738
23.87755	73.265	42.7374	38.15884
24.18367	73.265	43.81445	36.71782
24.4898	73.265	44.89305	35.36433
24.79592	73.265	45.97321	34.09837
25.10204	73.265	47.05491	32.91994
25.40816	73.265	48.13817	31.82904
25.71429	73.265	49.22299	30.82567
26.02041	73.265	50.30935	29.90983
26.32653	73.265	51.39727	29.08151
26.63265	73.265	52.48674	28.34073
26.93878	73.265	53.57776	27.68748
27.2449	73.265	54.67033	27.12175
27.55102	73.265	55.76446	26.64355
27.85714	73.265	56.86014	26.25289
28.16327	73.265	57.95737	25.94975
28.46939	73.265	59.05615	25.73414
28.77551	73.265	60.15649	25.60606
29.08163	73.265	61.25838	25.56551
29.38776	73.265	62.36182	25.61249
29.69388	73.265	63.46681	25.74699
30	73.265	64.57336	25.96903
15	73.776	12.15936	118.0144
15.30612	73.776	13.1929	114.0357
15.61224	73.776	14.22798	110.1445
15.91837	73.776	15.26462	106.3409
16.22449	73.776	16.30281	102.6248
16.53061	73.776	17.34255	98.99619
16.83673	73.776	18.38385	95.45515
17.14286	73.776	19.4267	92.00164
17.44898	73.776	20.4711	88.63565
17.7551	73.776	21.51705	85.35719
18.06122	73.776	22.56456	82.16626
18.36735	73.776	23.61361	79.06287
18.67347	73.776	24.66422	76.047
18.97959	73.776	25.71639	73.11866
19.28571	73.776	26.7701	70.27785
19.59184	73.776	27.82537	67.52456
19.89796	73.776	28.88219	64.85881
20.20408	73.776	29.94056	62.28059
20.5102	73.776	31.00049	59.78989
20.81633	73.776	32.06196	57.38673



21.12245	73.776	33.12499	55.07109
21.42857	73.776	34.18958	52.84298
21.73469	73.776	35.25571	50.70241
22.04082	73.776	36.3234	48.64936
22.34694	73.776	37.39264	46.68384
22.65306	73.776	38.46343	44.80585
22.95918	73.776	39.53578	43.01539
23.26531	73.776	40.60967	41.31245
23.57143	73.776	41.68512	39.69705
23.87755	73.776	42.76213	38.16918
24.18367	73.776	43.84068	36.72883
24.4898	73.776	44.92079	35.37602
24.79592	73.776	46.00245	34.11073
25.10204	73.776	47.08566	32.93297
25.40816	73.776	48.17042	31.84275
25.71429	73.776	49.25674	30.84005
26.02041	73.776	50.34461	29.92488
26.32653	73.776	51.43403	29.09724
26.63265	73.776	52.52501	28.35713
26.93878	73.776	53.61754	27.70454
27.2449	73.776	54.71162	27.13949
27.55102	73.776	55.80725	26.66197
27.85714	73.776	56.90443	26.27197
28.16327	73.776	58.00317	25.96951
28.46939	73.776	59.10346	25.75457
28.77551	73.776	60.2053	25.62716
29.08163	73.776	61.30869	25.58728
29.38776	73.776	62.41364	25.63493
29.69388	73.776	63.52014	25.77011
30	73.776	64.62819	25.99282
15	74.286	12.13902	118.0033
15.30612	74.286	13.17405	114.0253
15.61224	74.286	14.21065	110.1348
15.91837	74.286	15.24879	106.3318
16.22449	74.286	16.28848	102.6164
16.53061	74.286	17.32973	98.9885
16.83673	74.286	18.37253	95.44812
17.14286	74.286	19.41689	91.99528
17.44898	74.286	20.46279	88.62997
17.7551	74.286	21.51025	85.35218
18.06122	74.286	22.55926	82.16193
18.36735	74.286	23.60982	79.0592
18.67347	74.286	24.66194	76.04401

18.97959	74.286	25.71561	73.11634
19.28571	74.286	26.77083	70.2762
19.59184	74.286	27.8276	67.52359
19.89796	74.286	28.88593	64.85851
20.20408	74.286	29.94581	62.28096
20.5102	74.286	31.00724	59.79094
20.81633	74.286	32.07022	57.38845
21.12245	74.286	33.13475	55.07348
21.42857	74.286	34.20084	52.84605
21.73469	74.286	35.26848	50.70614
22.04082	74.286	36.33768	48.65377
22.34694	74.286	37.40842	46.68892
22.65306	74.286	38.48072	44.8116
22.95918	74.286	39.55457	43.02181
23.26531	74.286	40.62997	41.31956
23.57143	74.286	41.70693	39.70483
23.87755	74.286	42.78543	38.17762
24.18367	74.286	43.86549	36.73795
24.4898	74.286	44.94711	35.38581
24.79592	74.286	46.03027	34.1212
25.10204	74.286	47.11499	32.94411
25.40816	74.286	48.20126	31.85456
25.71429	74.286	49.28908	30.85253
26.02041	74.286	50.37846	29.93803
26.32653	74.286	51.46939	29.11107
26.63265	74.286	52.56187	28.37163
26.93878	74.286	53.6559	27.71972
27.2449	74.286	54.75148	27.15534
27.55102	74.286	55.84862	26.67849
27.85714	74.286	56.94731	26.28916
28.16327	74.286	58.04755	25.98737
28.46939	74.286	59.14935	25.77311
28.77551	74.286	60.2527	25.64637
29.08163	74.286	61.3576	25.60717
29.38776	74.286	62.46405	25.65549
29.69388	74.286	63.57205	25.79134
30	74.286	64.68161	26.01473
15	74.796	12.11725	117.9903
15.30612	74.796	13.1538	114.013
15.61224	74.796	14.19189	110.1232
15.91837	74.796	15.23154	106.3209
16.22449	74.796	16.27274	102.6061
16.53061	74.796	17.3155	98.9789

16.83673	74.796	18.3598	95.43921
17.14286	74.796	19.40566	91.98704
17.44898	74.796	20.45307	88.62239
17.7551	74.796	21.50204	85.34528
18.06122	74.796	22.55255	82.1557
18.36735	74.796	23.60462	79.05365
18.67347	74.796	24.65824	76.03912
18.97959	74.796	25.71342	73.11213
19.28571	74.796	26.77014	70.27266
19.59184	74.796	27.82842	67.52073
19.89796	74.796	28.88825	64.85632
20.20408	74.796	29.94963	62.27944
20.5102	74.796	31.01257	59.79009
20.81633	74.796	32.07706	57.38827
21.12245	74.796	33.1431	55.07398
21.42857	74.796	34.21069	52.84722
21.73469	74.796	35.27984	50.70799
22.04082	74.796	36.35054	48.65629
22.34694	74.796	37.42279	46.69211
22.65306	74.796	38.49659	44.81547
22.95918	74.796	39.57195	43.02635
23.26531	74.796	40.64885	41.32476
23.57143	74.796	41.72731	39.71071
23.87755	74.796	42.80733	38.18418
24.18367	74.796	43.88889	36.74518
24.4898	74.796	44.97201	35.39371
24.79592	74.796	46.05668	34.12977
25.10204	74.796	47.14291	32.95336
25.40816	74.796	48.23068	31.86447
25.71429	74.796	49.32001	30.86312
26.02041	74.796	50.41089	29.9493
26.32653	74.796	51.50332	29.123
26.63265	74.796	52.59731	28.38424
26.93878	74.796	53.69285	27.733
27.2449	74.796	54.78994	27.16929
27.55102	74.796	55.88858	26.69311
27.85714	74.796	56.98877	26.30446
28.16327	74.796	58.09052	26.00334
28.46939	74.796	59.19382	25.78975
28.77551	74.796	60.29867	25.66369
29.08163	74.796	61.40508	25.62516
29.38776	74.796	62.51304	25.67416
29.69388	74.796	63.62255	25.81068

30	74.796	64.73361	26.03474
15	75.306	12.09407	117.9755
15.30612	75.306	13.13212	113.9988
15.61224	75.306	14.17173	110.1097
15.91837	75.306	15.21288	106.3081
16.22449	75.306	16.25559	102.594
16.53061	75.306	17.29985	98.96742
16.83673	75.306	18.34566	95.42839
17.14286	75.306	19.39302	91.9769
17.44898	75.306	20.44194	88.61293
17.7551	75.306	21.49241	85.33649
18.06122	75.306	22.54443	82.14758
18.36735	75.306	23.598	79.0462
18.67347	75.306	24.65313	76.03235
18.97959	75.306	25.70981	73.10603
19.28571	75.306	26.76804	70.26723
19.59184	75.306	27.82782	67.51597
19.89796	75.306	28.88916	64.85224
20.20408	75.306	29.95205	62.27603
20.5102	75.306	31.01649	59.78736
20.81633	75.306	32.08248	57.38621
21.12245	75.306	33.15003	55.07259
21.42857	75.306	34.21913	52.8465
21.73469	75.306	35.28978	50.70794
22.04082	75.306	36.36198	48.65691
22.34694	75.306	37.43574	46.69341
22.65306	75.306	38.51105	44.81744
22.95918	75.306	39.58791	43.029
23.26531	75.306	40.66632	41.32808
23.57143	75.306	41.74629	39.7147
23.87755	75.306	42.82781	38.18884
24.18367	75.306	43.91088	36.75051
24.4898	75.306	44.9955	35.39972
24.79592	75.306	46.08168	34.13645
25.10204	75.306	47.1694	32.96071
25.40816	75.306	48.25869	31.8725
25.71429	75.306	49.34952	30.87182
26.02041	75.306	50.4419	29.95867
26.32653	75.306	51.53584	29.13305
26.63265	75.306	52.63133	28.39495
26.93878	75.306	53.72838	27.74439
27.2449	75.306	54.82697	27.18135
27.55102	75.306	55.92712	26.70585

27.85714	75.306	57.02882	26.31787
28.16327	75.306	58.13208	26.01743
28.46939	75.306	59.23688	25.80451
28.77551	75.306	60.34324	25.67912
29.08163	75.306	61.45115	25.64126
29.38776	75.306	62.56061	25.69093
29.69388	75.306	63.67163	25.82813
30	75.306	64.7842	26.05285
15	75.816	12.06948	117.9588
15.30612	75.816	13.10904	113.9828
15.61224	75.816	14.15014	110.0943
15.91837	75.816	15.1928	106.2933
16.22449	75.816	16.23701	102.5799
16.53061	75.816	17.28278	98.95404
16.83673	75.816	18.3301	95.41569
17.14286	75.816	19.37896	91.96487
17.44898	75.816	20.42939	88.60157
17.7551	75.816	21.48136	85.3258
18.06122	75.816	22.53489	82.13757
18.36735	75.816	23.58997	79.03686
18.67347	75.816	24.6466	76.02368
18.97959	75.816	25.70478	73.09803
19.28571	75.816	26.76452	70.25991
19.59184	75.816	27.82581	67.50932
19.89796	75.816	28.88865	64.84626
20.20408	75.816	29.95304	62.27073
20.5102	75.816	31.01899	59.78272
20.81633	75.816	32.08649	57.38225
21.12245	75.816	33.15554	55.06931
21.42857	75.816	34.22615	52.84389
21.73469	75.816	35.2983	50.706
22.04082	75.816	36.37201	48.65564
22.34694	75.816	37.44727	46.69282
22.65306	75.816	38.52409	44.81752
22.95918	75.816	39.60245	43.02975
23.26531	75.816	40.68237	41.32951
23.57143	75.816	41.76384	39.71679
23.87755	75.816	42.84687	38.19161
24.18367	75.816	43.93144	36.75396
24.4898	75.816	45.01757	35.40383
24.79592	75.816	46.10525	34.14124
25.10204	75.816	47.19449	32.96617
25.40816	75.816	48.28528	31.87863

25.71429	75.816	49.37761	30.87863
26.02041	75.816	50.47151	29.96615
26.32653	75.816	51.56695	29.1412
26.63265	75.816	52.66395	28.40378
26.93878	75.816	53.76249	27.75389
27.2449	75.816	54.86259	27.19152
27.55102	75.816	55.96425	26.71669
27.85714	75.816	57.06745	26.32939
28.16327	75.816	58.17221	26.02961
28.46939	75.816	59.27852	25.81737
28.77551	75.816	60.38639	25.69265
29.08163	75.816	61.4958	25.65546
29.38776	75.816	62.60677	25.70581
29.69388	75.816	63.71929	25.84368
30	75.816	64.83337	26.06908
15	76.327	12.04347	117.9401
15.30612	76.327	13.08453	113.9648
15.61224	76.327	14.12714	110.077
15.91837	76.327	15.17131	106.2767
16.22449	76.327	16.21703	102.564
16.53061	76.327	17.2643	98.93877
16.83673	76.327	18.31312	95.40109
17.14286	76.327	19.36349	91.95094
17.44898	76.327	20.41542	88.58832
17.7551	76.327	21.4689	85.31323
18.06122	76.327	22.52393	82.12566
18.36735	76.327	23.58052	79.02563
18.67347	76.327	24.63865	76.01312
18.97959	76.327	25.69834	73.08815
19.28571	76.327	26.75959	70.2507
19.59184	76.327	27.82238	67.50078
19.89796	76.327	28.88673	64.83839
20.20408	76.327	29.95263	62.26353
20.5102	76.327	31.02008	59.7762
20.81633	76.327	32.08908	57.3764
21.12245	76.327	33.15964	55.06413
21.42857	76.327	34.23175	52.83938
21.73469	76.327	35.30541	50.70217
22.04082	76.327	36.38063	48.65249
22.34694	76.327	37.45739	46.69033
22.65306	76.327	38.53571	44.8157
22.95918	76.327	39.61559	43.02861
23.26531	76.327	40.69701	41.32904

23.57143	76.327	41.77999	39.717
23.87755	76.327	42.86452	38.19249
24.18367	76.327	43.9506	36.75551
24.4898	76.327	45.03823	35.40606
24.79592	76.327	46.12742	34.14413
25.10204	76.327	47.21816	32.96974
25.40816	76.327	48.31045	31.88288
25.71429	76.327	49.40429	30.88354
26.02041	76.327	50.49969	29.97173
26.32653	76.327	51.59664	29.14746
26.63265	76.327	52.69514	28.41071
26.93878	76.327	53.79519	27.76149
27.2449	76.327	54.8968	27.1998
27.55102	76.327	55.99996	26.72564
27.85714	76.327	57.10467	26.33901
28.16327	76.327	58.21094	26.03991
28.46939	76.327	59.31875	25.82834
28.77551	76.327	60.42812	25.70429
29.08163	76.327	61.53904	25.66778
29.38776	76.327	62.65152	25.71879
29.69388	76.327	63.76554	25.85734
30	76.327	64.88112	26.08341
15	76.837	12.01605	117.9196
15.30612	76.837	13.05861	113.9449
15.61224	76.837	14.10273	110.0578
15.91837	76.837	15.1484	106.2582
16.22449	76.837	16.19562	102.5462
16.53061	76.837	17.2444	98.92161
16.83673	76.837	18.29473	95.3846
17.14286	76.837	19.34661	91.93513
17.44898	76.837	20.40004	88.57318
17.7551	76.837	21.45502	85.29876
18.06122	76.837	22.51156	82.11187
18.36735	76.837	23.56965	79.0125
18.67347	76.837	24.62929	76.00067
18.97959	76.837	25.69049	73.07637
19.28571	76.837	26.75324	70.23959
19.59184	76.837	27.81754	67.49035
19.89796	76.837	28.88339	64.82863
20.20408	76.837	29.95079	62.25444
20.5102	76.837	31.01975	59.76779
20.81633	76.837	32.09026	57.36866
21.12245	76.837	33.16232	55.05706

21.42857	76.837	34.23594	52.83299
21.73469	76.837	35.31111	50.69645
22.04082	76.837	36.38783	48.64743
22.34694	76.837	37.4661	46.68595
22.65306	76.837	38.54592	44.812
22.95918	76.837	39.6273	43.02557
23.26531	76.837	40.71023	41.32668
23.57143	76.837	41.79471	39.71531
23.87755	76.837	42.88075	38.19147
24.18367	76.837	43.96833	36.75516
24.4898	76.837	45.05747	35.40639
24.79592	76.837	46.14817	34.14514
25.10204	76.837	47.24041	32.97142
25.40816	76.837	48.33421	31.88522
25.71429	76.837	49.42956	30.88656
26.02041	76.837	50.52646	29.97543
26.32653	76.837	51.62491	29.15182
26.63265	76.837	52.72492	28.41575
26.93878	76.837	53.82648	27.7672
27.2449	76.837	54.92959	27.20619
27.55102	76.837	56.03426	26.7327
27.85714	76.837	57.14047	26.34674
28.16327	76.837	58.24824	26.04831
28.46939	76.837	59.35757	25.83741
28.77551	76.837	60.46844	25.71404
29.08163	76.837	61.58087	25.6782
29.38776	76.837	62.69485	25.72989
29.69388	76.837	63.81038	25.86911
30	76.837	64.92746	26.09585
15	77.347	11.98721	117.8972
15.30612	77.347	13.03128	113.9232
15.61224	77.347	14.0769	110.0367
15.91837	77.347	15.12408	106.2378
16.22449	77.347	16.17281	102.5264
16.53061	77.347	17.22309	98.90256
16.83673	77.347	18.27492	95.36622
17.14286	77.347	19.3283	91.91742
17.44898	77.347	20.38324	88.55614
17.7551	77.347	21.43973	85.28239
18.06122	77.347	22.49778	82.09618
18.36735	77.347	23.55737	78.99749
18.67347	77.347	24.61852	75.98633
18.97959	77.347	25.68122	73.0627



19.28571	77.347	26.74547	70.22659
19.59184	77.347	27.81128	67.47802
19.89796	77.347	28.87864	64.81698
20.20408	77.347	29.94755	62.24346
20.5102	77.347	31.01801	59.75748
20.81633	77.347	32.09002	57.35902
21.12245	77.347	33.16359	55.04809
21.42857	77.347	34.23871	52.8247
21.73469	77.347	35.31539	50.68883
22.04082	77.347	36.39361	48.64049
22.34694	77.347	37.47339	46.67968
22.65306	77.347	38.55472	44.8064
22.95918	77.347	39.6376	43.02065
23.26531	77.347	40.72204	41.32242
23.57143	77.347	41.80802	39.71173
23.87755	77.347	42.89556	38.18857
24.18367	77.347	43.98466	36.75293
24.4898	77.347	45.0753	35.40482
24.79592	77.347	46.1675	34.14425
25.10204	77.347	47.26125	32.9712
25.40816	77.347	48.35655	31.88568
25.71429	77.347	49.45341	30.88769
26.02041	77.347	50.55181	29.97723
26.32653	77.347	51.65177	29.1543
26.63265	77.347	52.75329	28.4189
26.93878	77.347	53.85635	27.77102
27.2449	77.347	54.96097	27.21068
27.55102	77.347	56.06714	26.73787
27.85714	77.347	57.17486	26.35258
28.16327	77.347	58.28414	26.05482
28.46939	77.347	59.39496	25.8446
28.77551	77.347	60.50734	25.7219
29.08163	77.347	61.62127	25.68673
29.38776	77.347	62.73676	25.73909
29.69388	77.347	63.8538	25.87898
30	77.347	64.97239	26.1064
15	77.857	11.95695	117.8729
15.30612	77.857	13.00253	113.8996
15.61224	77.857	14.04966	110.0138
15.91837	77.857	15.09834	106.2155
16.22449	77.857	16.14857	102.5048
16.53061	77.857	17.20036	98.88161
16.83673	77.857	18.2537	95.34595

17.14286	77.857	19.30859	91.89782
17.44898	77.857	20.36503	88.53721
17.7551	77.857	21.42303	85.26414
18.06122	77.857	22.48257	82.07859
18.36735	77.857	23.54368	78.98058
18.67347	77.857	24.60633	75.97009
18.97959	77.857	25.67053	73.04713
19.28571	77.857	26.73629	70.2117
19.59184	77.857	27.8036	67.4638
19.89796	77.857	28.87247	64.80343
20.20408	77.857	29.94288	62.23059
20.5102	77.857	31.01485	59.74528
20.81633	77.857	32.08837	57.34749
21.12245	77.857	33.16344	55.03724
21.42857	77.857	34.24007	52.81452
21.73469	77.857	35.31825	50.67932
22.04082	77.857	36.39798	48.63165
22.34694	77.857	37.47926	46.67152
22.65306	77.857	38.5621	44.79891
22.95918	77.857	39.64649	43.01383
23.26531	77.857	40.73243	41.31628
23.57143	77.857	41.81992	39.70626
23.87755	77.857	42.90896	38.18377
24.18367	77.857	43.99956	36.7488
24.4898	77.857	45.09171	35.40137
24.79592	77.857	46.18542	34.14147
25.10204	77.857	47.28067	32.96909
25.40816	77.857	48.37748	31.88424
25.71429	77.857	49.47584	30.88693
26.02041	77.857	50.57575	29.97714
26.32653	77.857	51.67722	29.15488
26.63265	77.857	52.78024	28.42015
26.93878	77.857	53.88481	27.77295
27.2449	77.857	54.99093	27.21328
27.55102	77.857	56.0986	26.74114
27.85714	77.857	57.20783	26.35653
28.16327	77.857	58.31861	26.05944
28.46939	77.857	59.43094	25.84989
28.77551	77.857	60.54483	25.72786
29.08163	77.857	61.66027	25.69337
29.38776	77.857	62.77726	25.7464
29.69388	77.857	63.8958	25.88696
30	77.857	65.01589	26.11505

15	78.367	11.92528	117.8467
15.30612	78.367	12.97236	113.874
15.61224	78.367	14.021	109.9889
15.91837	78.367	15.07118	106.1913
16.22449	78.367	16.12292	102.4813
16.53061	78.367	17.17621	98.85877
16.83673	78.367	18.23106	95.32378
17.14286	78.367	19.28745	91.87632
17.44898	78.367	20.3454	88.51639
17.7551	78.367	21.4049	85.24399
18.06122	78.367	22.46596	82.05912
18.36735	78.367	23.52856	78.96177
18.67347	78.367	24.59272	75.95196
18.97959	78.367	25.65843	73.02967
19.28571	78.367	26.7257	70.19492
19.59184	78.367	27.79451	67.44769
19.89796	78.367	28.86488	64.78799
20.20408	78.367	29.9368	62.21582
20.5102	78.367	31.01028	59.73118
20.81633	78.367	32.0853	57.33407
21.12245	78.367	33.16188	55.02449
21.42857	78.367	34.24001	52.80244
21.73469	78.367	35.3197	50.66792
22.04082	78.367	36.40093	48.62092
22.34694	78.367	37.48372	46.66146
22.65306	78.367	38.56806	44.78952
22.95918	78.367	39.65396	43.00512
23.26531	78.367	40.7414	41.30824
23.57143	78.367	41.8304	39.69889
23.87755	78.367	42.92095	38.17707
24.18367	78.367	44.01305	36.74278
24.4898	78.367	45.10671	35.39602
24.79592	78.367	46.20192	34.13679
25.10204	78.367	47.29868	32.96509
25.40816	78.367	48.39699	31.88092
25.71429	78.367	49.49686	30.88427
26.02041	78.367	50.59828	29.97516
26.32653	78.367	51.70125	29.15357
26.63265	78.367	52.80577	28.41951
26.93878	78.367	53.91185	27.77299
27.2449	78.367	55.01947	27.21399
27.55102	78.367	56.12865	26.74252
27.85714	78.367	57.23939	26.35858

28.16327	78.367	58.35167	26.06217
28.46939	78.367	59.46551	25.85329
28.77551	78.367	60.5809	25.73193
29.08163	78.367	61.69784	25.69811
29.38776	78.367	62.81634	25.75182
29.69388	78.367	63.93639	25.89305
30	78.367	65.05799	26.12182
15	78.878	11.8922	117.8186
15.30612	78.878	12.94078	113.8466
15.61224	78.878	13.99092	109.9622
15.91837	78.878	15.04261	106.1653
16.22449	78.878	16.09586	102.4559
16.53061	78.878	17.15065	98.83404
16.83673	78.878	18.207	95.29973
17.14286	78.878	19.26491	91.85294
17.44898	78.878	20.32436	88.49368
17.7551	78.878	21.38537	85.22195
18.06122	78.878	22.44793	82.03775
18.36735	78.878	23.51204	78.94108
18.67347	78.878	24.5777	75.93194
18.97959	78.878	25.64492	73.01033
19.28571	78.878	26.71369	70.17624
19.59184	78.878	27.78401	67.42969
19.89796	78.878	28.85588	64.77066
20.20408	78.878	29.92931	62.19917
20.5102	78.878	31.00429	59.7152
20.81633	78.878	32.08082	57.31876
21.12245	78.878	33.1589	55.00985
21.42857	78.878	34.23854	52.78847
21.73469	78.878	35.31973	50.65462
22.04082	78.878	36.40247	48.6083
22.34694	78.878	37.48676	46.64951
22.65306	78.878	38.57261	44.77825
22.95918	78.878	39.66001	42.99451
23.26531	78.878	40.74896	41.29831
23.57143	78.878	41.83946	39.68963
23.87755	78.878	42.93152	38.16849
24.18367	78.878	44.02513	36.73487
24.4898	78.878	45.12029	35.38878
24.79592	78.878	46.217	34.13022
25.10204	78.878	47.31527	32.95919
25.40816	78.878	48.41509	31.87569
25.71429	78.878	49.51646	30.87972

26.02041	78.878	50.61938	29.97128
26.32653	78.878	51.72386	29.15037
26.63265	78.878	52.82989	28.41698
26.93878	78.878	53.93747	27.77113
27.2449	78.878	55.0466	27.2128
27.55102	78.878	56.15729	26.74201
27.85714	78.878	57.26953	26.35874
28.16327	78.878	58.38332	26.063
28.46939	78.878	59.49866	25.85479
28.77551	78.878	60.61556	25.73411
29.08163	78.878	61.73401	25.70096
29.38776	78.878	62.85401	25.75534
29.69388	78.878	63.97556	25.89725
30	78.878	65.09867	26.12669
15	79.388	11.85769	117.7886
15.30612	79.388	12.90779	113.8173
15.61224	79.388	13.95943	109.9335
15.91837	79.388	15.01263	106.1373
16.22449	79.388	16.06738	102.4286
16.53061	79.388	17.12368	98.80742
16.83673	79.388	18.18153	95.27377
17.14286	79.388	19.24094	91.82766
17.44898	79.388	20.3019	88.46907
17.7551	79.388	21.36441	85.19802
18.06122	79.388	22.42848	82.01449
18.36735	79.388	23.4941	78.91849
18.67347	79.388	24.56126	75.91002
18.97959	79.388	25.62999	72.98908
19.28571	79.388	26.70026	70.15567
19.59184	79.388	27.77209	67.40979
19.89796	79.388	28.84547	64.75144
20.20408	79.388	29.9204	62.18062
20.5102	79.388	30.99688	59.69732
20.81633	79.388	32.07492	57.30156
21.12245	79.388	33.15451	54.99332
21.42857	79.388	34.23565	52.77261
21.73469	79.388	35.31835	50.63944
22.04082	79.388	36.40259	48.59379
22.34694	79.388	37.48839	46.63567
22.65306	79.388	38.57574	44.76508
22.95918	79.388	39.66465	42.98202
23.26531	79.388	40.7551	41.28649
23.57143	79.388	41.84711	39.67848

23.87755	79.388	42.94068	38.15801
24.18367	79.388	44.03579	36.72507
24.4898	79.388	45.13246	35.37965
24.79592	79.388	46.23068	34.12177
25.10204	79.388	47.33045	32.95141
25.40816	79.388	48.43177	31.86858
25.71429	79.388	49.53465	30.87328
26.02041	79.388	50.63908	29.96551
26.32653	79.388	51.74506	29.14527
26.63265	79.388	52.85259	28.41256
26.93878	79.388	53.96168	27.76738
27.2449	79.388	55.07232	27.20973
27.55102	79.388	56.18451	26.7396
27.85714	79.388	57.29825	26.35701
28.16327	79.388	58.41355	26.06194
28.46939	79.388	59.5304	25.85441
28.77551	79.388	60.6488	25.7344
29.08163	79.388	61.76875	25.70192
29.38776	79.388	62.89026	25.75697
29.69388	79.388	64.01332	25.89956
30	79.388	65.13793	26.12966
15	79.898	11.82178	117.7567
15.30612	79.898	12.87337	113.7861
15.61224	79.898	13.92652	109.903
15.91837	79.898	14.98123	106.1074
16.22449	79.898	16.03748	102.3994
16.53061	79.898	17.09529	98.7789
16.83673	79.898	18.15465	95.24593
17.14286	79.898	19.21556	91.80049
17.44898	79.898	20.27803	88.44258
17.7551	79.898	21.34205	85.17219
18.06122	79.898	22.40762	81.98934
18.36735	79.898	23.47474	78.89401
18.67347	79.898	24.54341	75.88622
18.97959	79.898	25.61364	72.96595
19.28571	79.898	26.68542	70.13321
19.59184	79.898	27.75875	67.388
19.89796	79.898	28.83364	64.73032
20.20408	79.898	29.91007	62.16017
20.5102	79.898	30.98806	59.67755
20.81633	79.898	32.06761	57.28246
21.12245	79.898	33.1487	54.9749
21.42857	79.898	34.23135	52.75486

21.73469	79.898	35.31555	50.62236
22.04082	79.898	36.4013	48.57738
22.34694	79.898	37.4886	46.61994
22.65306	79.898	38.57746	44.75002
22.95918	79.898	39.66787	42.96763
23.26531	79.898	40.75983	41.27277
23.57143	79.898	41.85335	39.66544
23.87755	79.898	42.94842	38.14564
24.18367	79.898	44.04503	36.71337
24.4898	79.898	45.14321	35.36863
24.79592	79.898	46.24293	34.11141
25.10204	79.898	47.34421	32.94173
25.40816	79.898	48.44704	31.85957
25.71429	79.898	49.55142	30.86495
26.02041	79.898	50.65735	29.95785
26.32653	79.898	51.76484	29.13829
26.63265	79.898	52.87388	28.40625
26.93878	79.898	53.98447	27.76174
27.2449	79.898	55.09662	27.20476
27.55102	79.898	56.21031	26.73531
27.85714	79.898	57.32556	26.35339
28.16327	79.898	58.44236	26.05899
28.46939	79.898	59.56072	25.85213
28.77551	79.898	60.68063	25.7328
29.08163	79.898	61.80208	25.70099
29.38776	79.898	62.9251	25.75671
29.69388	79.898	64.04966	25.89997
30	79.898	65.17578	26.13075
15	80.408	11.78444	117.7229
15.30612	80.408	12.83755	113.753
15.61224	80.408	13.8922	109.8706
15.91837	80.408	14.94841	106.0757
16.22449	80.408	16.00617	102.3683
16.53061	80.408	17.06548	98.74849
16.83673	80.408	18.12635	95.2162
17.14286	80.408	19.18877	91.77143
17.44898	80.408	20.25274	88.41419
17.7551	80.408	21.31826	85.14448
18.06122	80.408	22.38534	81.96229
18.36735	80.408	23.45396	78.86764
18.67347	80.408	24.52414	75.86052
18.97959	80.408	25.59588	72.94092
19.28571	80.408	26.66916	70.10886

19.59184	80.408	27.744	67.36432
19.89796	80.408	28.82039	64.70731
20.20408	80.408	29.89833	62.13784
20.5102	80.408	30.97783	59.65589
20.81633	80.408	32.05888	57.26147
21.12245	80.408	33.14148	54.95458
21.42857	80.408	34.22563	52.73522
21.73469	80.408	35.31133	50.60339
22.04082	80.408	36.39859	48.55908
22.34694	80.408	37.4874	46.60231
22.65306	80.408	38.57776	44.73306
22.95918	80.408	39.66968	42.95135
23.26531	80.408	40.76315	41.25716
23.57143	80.408	41.85817	39.65051
23.87755	80.408	42.95474	38.13138
24.18367	80.408	44.05286	36.69978
24.4898	80.408	45.15254	35.35571
24.79592	80.408	46.25377	34.09917
25.10204	80.408	47.35655	32.93016
25.40816	80.408	48.46089	31.84868
25.71429	80.408	49.56678	30.85472
26.02041	80.408	50.67422	29.9483
26.32653	80.408	51.78321	29.12941
26.63265	80.408	52.89375	28.39804
26.93878	80.408	54.00585	27.7542
27.2449	80.408	55.1195	27.1979
27.55102	80.408	56.2347	26.72912
27.85714	80.408	57.35146	26.34787
28.16327	80.408	58.46976	26.05415
28.46939	80.408	59.58962	25.84796
28.77551	80.408	60.71104	25.7293
29.08163	80.408	61.834	25.69817
29.38776	80.408	62.95852	25.75456
29.69388	80.408	64.08459	25.89849
30	80.408	65.21221	26.12994
15	80.918	11.7457	117.6873
15.30612	80.918	12.80031	113.718
15.61224	80.918	13.85647	109.8363
15.91837	80.918	14.91418	106.042
16.22449	80.918	15.97345	102.3354
16.53061	80.918	17.03426	98.71619
16.83673	80.918	18.09663	95.18457
17.14286	80.918	19.16056	91.74047



17.44898	80.918	20.22603	88.3839
17.7551	80.918	21.29306	85.11487
18.06122	80.918	22.36164	81.93336
18.36735	80.918	23.43178	78.83938
18.67347	80.918	24.50346	75.83293
18.97959	80.918	25.5767	72.914
19.28571	80.918	26.65149	70.08261
19.59184	80.918	27.72783	67.33875
19.89796	80.918	28.80573	64.68241
20.20408	80.918	29.88518	62.11361
20.5102	80.918	30.96618	59.63233
20.81633	80.918	32.04873	57.23859
21.12245	80.918	33.13284	54.93237
21.42857	80.918	34.21849	52.71368
21.73469	80.918	35.30571	50.58252
22.04082	80.918	36.39447	48.53889
22.34694	80.918	37.48478	46.58279
22.65306	80.918	38.57665	44.71422
22.95918	80.918	39.67007	42.93318
23.26531	80.918	40.76504	41.23966
23.57143	80.918	41.86157	39.63368
23.87755	80.918	42.95965	38.11522
24.18367	80.918	44.05928	36.6843
24.4898	80.918	45.16046	35.3409
24.79592	80.918	46.2632	34.08503
25.10204	80.918	47.36748	32.91669
25.40816	80.918	48.47332	31.83589
25.71429	80.918	49.58072	30.84261
26.02041	80.918	50.68966	29.93685
26.32653	80.918	51.80016	29.11863
26.63265	80.918	52.91221	28.38794
26.93878	80.918	54.02581	27.74478
27.2449	80.918	55.14097	27.18914
27.55102	80.918	56.25768	26.72104
27.85714	80.918	57.37594	26.34046
28.16327	80.918	58.49575	26.04741
28.46939	80.918	59.61711	25.8419
28.77551	80.918	60.74003	25.72391
29.08163	80.918	61.8645	25.69345
29.38776	80.918	62.99052	25.75052
29.69388	80.918	64.1181	25.89512
30	80.918	65.24723	26.12724
15	81.429	11.70553	117.6497

15.30612	81.429	12.76165	113.6811
15.61224	81.429	13.81931	109.8
15.91837	81.429	14.87853	106.0065
16.22449	81.429	15.9393	102.3005
16.53061	81.429	17.00163	98.682
16.83673	81.429	18.0655	95.15105
17.14286	81.429	19.13093	91.70762
17.44898	81.429	20.19791	88.35173
17.7551	81.429	21.26645	85.08336
18.06122	81.429	22.33653	81.90253
18.36735	81.429	23.40817	78.80922
18.67347	81.429	24.48136	75.80344
18.97959	81.429	25.55611	72.88519
19.28571	81.429	26.6324	70.05447
19.59184	81.429	27.71025	67.31128
19.89796	81.429	28.78965	64.65562
20.20408	81.429	29.87061	62.08749
20.5102	81.429	30.95311	59.60689
20.81633	81.429	32.03717	57.21381
21.12245	81.429	33.12278	54.90827
21.42857	81.429	34.20995	52.69025
21.73469	81.429	35.29866	50.55977
22.04082	81.429	36.38893	48.51681
22.34694	81.429	37.48075	46.56138
22.65306	81.429	38.57412	44.69348
22.95918	81.429	39.66905	42.91311
23.26531	81.429	40.76553	41.22027
23.57143	81.429	41.86356	39.61496
23.87755	81.429	42.96314	38.09718
24.18367	81.429	44.06428	36.66692
24.4898	81.429	45.16697	35.3242
24.79592	81.429	46.27121	34.069
25.10204	81.429	47.377	32.90134
25.40816	81.429	48.48434	31.8212
25.71429	81.429	49.59324	30.82859
26.02041	81.429	50.70369	29.92352
26.32653	81.429	51.8157	29.10597
26.63265	81.429	52.92925	28.37595
26.93878	81.429	54.04436	27.73346
27.2449	81.429	55.16102	27.17849
27.55102	81.429	56.27923	26.71106
27.85714	81.429	57.399	26.33116
28.16327	81.429	58.52032	26.03878

28.46939	81.429	59.64319	25.83394
28.77551	81.429	60.76761	25.71662
29.08163	81.429	61.89359	25.68684
29.38776	81.429	63.02111	25.74458
29.69388	81.429	64.15019	25.88985
30	81.429	65.28083	26.12265
15	81.939	11.66396	117.6103
15.30612	81.939	12.72157	113.6423
15.61224	81.939	13.78075	109.7619
15.91837	81.939	14.84147	105.9691
16.22449	81.939	15.90375	102.2637
16.53061	81.939	16.96758	98.64591
16.83673	81.939	18.03296	95.11563
17.14286	81.939	19.09989	91.67288
17.44898	81.939	20.16838	88.31766
17.7551	81.939	21.23842	85.04997
18.06122	81.939	22.31001	81.8698
18.36735	81.939	23.38315	78.77717
18.67347	81.939	24.45785	75.77207
18.97959	81.939	25.5341	72.85449
19.28571	81.939	26.6119	70.02444
19.59184	81.939	27.69125	67.28192
19.89796	81.939	28.77216	64.62694
20.20408	81.939	29.85462	62.05948
20.5102	81.939	30.93863	59.57955
20.81633	81.939	32.02419	57.18714
21.12245	81.939	33.11131	54.88227
21.42857	81.939	34.19998	52.66493
21.73469	81.939	35.2902	50.53512
22.04082	81.939	36.38197	48.49283
22.34694	81.939	37.4753	46.53808
22.65306	81.939	38.57018	44.67085
22.95918	81.939	39.66661	42.89115
23.26531	81.939	40.76459	41.19899
23.57143	81.939	41.86413	39.59435
23.87755	81.939	42.96522	38.07724
24.18367	81.939	44.06786	36.64766
24.4898	81.939	45.17205	35.30561
24.79592	81.939	46.2778	34.05108
25.10204	81.939	47.3851	32.88409
25.40816	81.939	48.49395	31.80463
25.71429	81.939	49.60435	30.81269
26.02041	81.939	50.71631	29.90829

26.32653	81.939	51.82982	29.09141
26.63265	81.939	52.94488	28.36206
26.93878	81.939	54.06149	27.72024
27.2449	81.939	55.17966	27.16596
27.55102	81.939	56.29938	26.6992
27.85714	81.939	57.42065	26.31997
28.16327	81.939	58.54347	26.02826
28.46939	81.939	59.66785	25.82409
28.77551	81.939	60.79377	25.70745
29.08163	81.939	61.92126	25.67833
29.38776	81.939	63.05029	25.73675
29.69388	81.939	64.18087	25.88269
30	81.939	65.31301	26.11617
15	82.449	11.62096	117.5689
15.30612	82.449	12.68009	113.6017
15.61224	82.449	13.74076	109.7219
15.91837	82.449	14.80299	105.9297
16.22449	82.449	15.86678	102.2251
16.53061	82.449	16.93211	98.60794
16.83673	82.449	17.999	95.07833
17.14286	82.449	19.06744	91.63625
17.44898	82.449	20.13743	88.2817
17.7551	82.449	21.20897	85.01468
18.06122	82.449	22.28207	81.83519
18.36735	82.449	23.35672	78.74323
18.67347	82.449	24.43292	75.7388
18.97959	82.449	25.51068	72.82189
19.28571	82.449	26.58998	69.99252
19.59184	82.449	27.67084	67.25067
19.89796	82.449	28.75325	64.59636
20.20408	82.449	29.83722	62.02957
20.5102	82.449	30.92273	59.55031
20.81633	82.449	32.0098	57.15859
21.12245	82.449	33.09843	54.85439
21.42857	82.449	34.1886	52.63772
21.73469	82.449	35.28033	50.50858
22.04082	82.449	36.37361	48.46696
22.34694	82.449	37.46844	46.51288
22.65306	82.449	38.56482	44.64633
22.95918	82.449	39.66276	42.8673
23.26531	82.449	40.76225	41.17581
23.57143	82.449	41.86329	39.57184
23.87755	82.449	42.96588	38.05541

24.18367	82.449	44.07003	36.6265
24.4898	82.449	45.17573	35.28512
24.79592	82.449	46.28298	34.03127
25.10204	82.449	47.39178	32.86495
25.40816	82.449	48.50214	31.78616
25.71429	82.449	49.61405	30.7949
26.02041	82.449	50.72751	29.89116
26.32653	82.449	51.84252	29.07496
26.63265	82.449	52.95909	28.34629
26.93878	82.449	54.07721	27.70514
27.2449	82.449	55.19688	27.15152
27.55102	82.449	56.3181	26.68544
27.85714	82.449	57.44088	26.30688
28.16327	82.449	58.56521	26.01585
28.46939	82.449	59.69109	25.81235
28.77551	82.449	60.81852	25.69638
29.08163	82.449	61.94751	25.66794
29.38776	82.449	63.07805	25.72703
29.69388	82.449	64.21014	25.87364
30	82.449	65.34378	26.10779
15	82.959	11.57655	117.5257
15.30612	82.959	12.63718	113.5591
15.61224	82.959	13.69937	109.68
15.91837	82.959	14.7631	105.8885
16.22449	82.959	15.82839	102.1845
16.53061	82.959	16.89523	98.56806
16.83673	82.959	17.96362	95.03913
17.14286	82.959	19.03356	91.59772
17.44898	82.959	20.10506	88.24385
17.7551	82.959	21.17811	84.9775
18.06122	82.959	22.25271	81.79868
18.36735	82.959	23.32887	78.70739
18.67347	82.959	24.40658	75.70363
18.97959	82.959	25.48584	72.7874
19.28571	82.959	26.56665	69.9587
19.59184	82.959	27.64901	67.21753
19.89796	82.959	28.73293	64.56389
20.20408	82.959	29.8184	61.99777
20.5102	82.959	30.90542	59.51919
20.81633	82.959	31.994	57.12813
21.12245	82.959	33.08412	54.82461
21.42857	82.959	34.1758	52.60861
21.73469	82.959	35.26904	50.48014

22.04082	82.959	36.36382	48.4392
22.34694	82.959	37.46016	46.48579
22.65306	82.959	38.55805	44.61991
22.95918	82.959	39.65749	42.84156
23.26531	82.959	40.75848	41.15074
23.57143	82.959	41.86103	39.54744
23.87755	82.959	42.96513	38.03168
24.18367	82.959	44.07078	36.60345
24.4898	82.959	45.17799	35.26274
24.79592	82.959	46.28674	34.00956
25.10204	82.959	47.39705	32.84392
25.40816	82.959	48.50891	31.7658
25.71429	82.959	49.62233	30.77521
26.02041	82.959	50.73729	29.87215
26.32653	82.959	51.85381	29.05662
26.63265	82.959	52.97189	28.32862
26.93878	82.959	54.09151	27.68814
27.2449	82.959	55.21269	27.1352
27.55102	82.959	56.33542	26.66979
27.85714	82.959	57.4597	26.2919
28.16327	82.959	58.58553	26.00154
28.46939	82.959	59.71292	25.79872
28.77551	82.959	60.84186	25.68342
29.08163	82.959	61.97235	25.65565
29.38776	82.959	63.10439	25.71541
29.69388	82.959	64.23799	25.8627
30	82.959	65.37314	26.09752
15	83.469	11.53073	117.4806
15.30612	83.469	12.59286	113.5146
15.61224	83.469	13.65655	109.6363
15.91837	83.469	14.72179	105.8454
16.22449	83.469	15.78858	102.1421
16.53061	83.469	16.85693	98.5263
16.83673	83.469	17.92683	94.99804
17.14286	83.469	18.99828	91.55731
17.44898	83.469	20.07128	88.2041
17.7551	83.469	21.14584	84.93843
18.06122	83.469	22.22194	81.76028
18.36735	83.469	23.2996	78.66967
18.67347	83.469	24.37882	75.66658
18.97959	83.469	25.45958	72.75102
19.28571	83.469	26.5419	69.92299
19.59184	83.469	27.62577	67.1825

19.89796	83.469	28.71119	64.52952
20.20408	83.469	29.79817	61.96408
20.5102	83.469	30.88669	59.48617
20.81633	83.469	31.97677	57.09579
21.12245	83.469	33.06841	54.79294
21.42857	83.469	34.16159	52.57761
21.73469	83.469	35.25633	50.44982
22.04082	83.469	36.35262	48.40955
22.34694	83.469	37.45046	46.45681
22.65306	83.469	38.54986	44.5916
22.95918	83.469	39.6508	42.81393
23.26531	83.469	40.7533	41.12378
23.57143	83.469	41.85736	39.52116
23.87755	83.469	42.96296	38.00606
24.18367	83.469	44.07012	36.5785
24.4898	83.469	45.17883	35.23847
24.79592	83.469	46.28909	33.98596
25.10204	83.469	47.40091	32.82099
25.40816	83.469	48.51427	31.74354
25.71429	83.469	49.62919	30.75363
26.02041	83.469	50.74566	29.85124
26.32653	83.469	51.86369	29.03638
26.63265	83.469	52.98327	28.30905
26.93878	83.469	54.1044	27.66925
27.2449	83.469	55.22708	27.11698
27.55102	83.469	56.35131	26.65224
27.85714	83.469	57.4771	26.27503
28.16327	83.469	58.60444	25.98535
28.46939	83.469	59.73333	25.78319
28.77551	83.469	60.86378	25.66857
29.08163	83.469	61.99577	25.64147
29.38776	83.469	63.12932	25.70191
29.69388	83.469	64.26442	25.84987
30	83.469	65.40108	26.08536
15	83.98	11.48349	117.4335
15.30612	83.98	12.54713	113.4683
15.61224	83.98	13.61232	109.5906
15.91837	83.98	14.67907	105.8004
16.22449	83.98	15.74737	102.0978
16.53061	83.98	16.81722	98.48265
16.83673	83.98	17.88862	94.95506
17.14286	83.98	18.96158	91.515
17.44898	83.98	20.03608	88.16247

17.7551	83.98	21.11214	84.89746
18.06122	83.98	22.18976	81.71999
18.36735	83.98	23.26892	78.63005
18.67347	83.98	24.34964	75.62763
18.97959	83.98	25.43191	72.71275
19.28571	83.98	26.51574	69.88539
19.59184	83.98	27.60111	67.14557
19.89796	83.98	28.68804	64.49327
20.20408	83.98	29.77652	61.9285
20.5102	83.98	30.86655	59.45126
20.81633	83.98	31.95814	57.06155
21.12245	83.98	33.05128	54.75937
21.42857	83.98	34.14597	52.54472
21.73469	83.98	35.24221	50.4176
22.04082	83.98	36.34	48.378
22.34694	83.98	37.43935	46.42594
22.65306	83.98	38.54025	44.5614
22.95918	83.98	39.6427	42.7844
23.26531	83.98	40.74671	41.09492
23.57143	83.98	41.85227	39.49297
23.87755	83.98	42.95938	37.97855
24.18367	83.98	44.06804	36.55167
24.4898	83.98	45.17826	35.2123
24.79592	83.98	46.29002	33.96047
25.10204	83.98	47.40334	32.79617
25.40816	83.98	48.51822	31.7194
25.71429	83.98	49.63464	30.73016
26.02041	83.98	50.75262	29.82844
26.32653	83.98	51.87215	29.01426
26.63265	83.98	52.99323	28.2876
26.93878	83.98	54.11587	27.64847
27.2449	83.98	55.24005	27.09687
27.55102	83.98	56.36579	26.63281
27.85714	83.98	57.49309	26.25627
28.16327	83.98	58.62193	25.96726
28.46939	83.98	59.75233	25.76577
28.77551	83.98	60.88428	25.65182
29.08163	83.98	62.01778	25.6254
29.38776	83.98	63.15283	25.68651
29.69388	83.98	64.28944	25.83514
30	83.98	65.4276	26.07131
15	84.49	11.43483	117.3846
15.30612	84.49	12.49998	113.4201



15.61224	84.49	13.56668	109.543
15.91837	84.49	14.63493	105.7535
16.22449	84.49	15.70473	102.0515
16.53061	84.49	16.77609	98.4371
16.83673	84.49	17.849	94.91018
17.14286	84.49	18.92346	91.47079
17.44898	84.49	19.99947	88.11894
17.7551	84.49	21.07704	84.85461
18.06122	84.49	22.15616	81.67781
18.36735	84.49	23.23683	78.58854
18.67347	84.49	24.31905	75.5868
18.97959	84.49	25.40283	72.67258
19.28571	84.49	26.48816	69.8459
19.59184	84.49	27.57504	67.10675
19.89796	84.49	28.66347	64.45512
20.20408	84.49	29.75346	61.89103
20.5102	84.49	30.84499	59.41446
20.81633	84.49	31.93808	57.02542
21.12245	84.49	33.03273	54.72391
21.42857	84.49	34.12892	52.50994
21.73469	84.49	35.22667	50.38349
22.04082	84.49	36.32597	48.34456
22.34694	84.49	37.42683	46.39317
22.65306	84.49	38.52923	44.52931
22.95918	84.49	39.63319	42.75298
23.26531	84.49	40.7387	41.06417
23.57143	84.49	41.84576	39.4629
23.87755	84.49	42.95438	37.94915
24.18367	84.49	44.06455	36.52294
24.4898	84.49	45.17627	35.18425
24.79592	84.49	46.28954	33.93309
25.10204	84.49	47.40437	32.76946
25.40816	84.49	48.52074	31.69336
25.71429	84.49	49.63867	30.70479
26.02041	84.49	50.75816	29.80375
26.32653	84.49	51.87919	28.99024
26.63265	84.49	53.00178	28.26425
26.93878	84.49	54.12592	27.6258
27.2449	84.49	55.25161	27.07487
27.55102	84.49	56.37886	26.61148
27.85714	84.49	57.50766	26.23561
28.16327	84.49	58.63801	25.94727
28.46939	84.49	59.76991	25.74646

28.77551	84.49	60.90337	25.63319
29.08163	84.49	62.03837	25.60744
29.38776	84.49	63.17493	25.66921
29.69388	84.49	64.31305	25.81852
30	84.49	65.45271	26.05536
15	85	11.38476	117.3338
15.30612	85	12.45141	113.3699
15.61224	85	13.51962	109.4936
15.91837	85	14.58937	105.7047
16.22449	85	15.66068	102.0034
16.53061	85	16.73355	98.38966
16.83673	85	17.80796	94.86341
17.14286	85	18.88393	91.4247
17.44898	85	19.96144	88.07351
17.7551	85	21.04052	84.80986
18.06122	85	22.12114	81.63373
18.36735	85	23.20332	78.54513
18.67347	85	24.28704	75.54406
18.97959	85	25.37233	72.63053
19.28571	85	26.45916	69.80451
19.59184	85	27.54755	67.06603
19.89796	85	28.63749	64.41508
20.20408	85	29.72898	61.85166
20.5102	85	30.82202	59.37577
20.81633	85	31.91662	56.9874
21.12245	85	33.01276	54.68657
21.42857	85	34.11047	52.47326
21.73469	85	35.20972	50.34748
22.04082	85	36.31053	48.30923
22.34694	85	37.41288	46.35852
22.65306	85	38.5168	44.49533
22.95918	85	39.62226	42.71967
23.26531	85	40.72927	41.03153
23.57143	85	41.83784	39.43093
23.87755	85	42.94796	37.91786
24.18367	85	44.05964	36.49231
24.4898	85	45.17286	35.1543
24.79592	85	46.28764	33.90381
25.10204	85	47.40397	32.74086
25.40816	85	48.52186	31.66543
25.71429	85	49.64129	30.67753
26.02041	85	50.76228	29.77716
26.32653	85	51.88482	28.96432

26.63265	85	53.00891	28.23901
26.93878	85	54.13456	27.60123
27.2449	85	55.26176	27.05098
27.55102	85	56.39051	26.58826
27.85714	85	57.52081	26.21306
28.16327	85	58.65267	25.9254
28.46939	85	59.78608	25.72526
28.77551	85	60.92104	25.61266
29.08163	85	62.05755	25.58758
29.38776	85	63.19562	25.65003
29.69388	85	64.33523	25.80001
30	85	65.4764	26.03752