

12.00	0	-53.30354203
12.00	10	-53.41802023
12.00	20	-50.51368567
12.00	30	-44.99305544
12.00	40	-38.05068797
12.00	50	-31.79760375
12.00	60	-28.43434702
12.00	70	-28.60290374
12.00	80	-30.11653515
12.00	100	-8.18668084
12.00	110	4.44335912
12.00	120	7.77586751
12.00	130	1.87223150
12.00	140	-8.97988545
12.00	150	-23.31608027
12.00	160	-34.55688742
12.00	170	-42.67607977
12.00	180	-44.25000079
11.50	0	-67.86684955
11.50	10	-66.74704425
11.50	20	-61.04227454
11.50	30	-50.89146792
11.50	40	-37.50617056
11.50	50	-23.14532873
11.50	60	-10.87456923
11.50	70	-4.08772186
11.50	80	-3.32081037
11.50	100	27.51202522
11.50	110	39.84559842
11.50	120	35.74852696
11.50	130	19.25912880
11.50	140	-3.60127749
11.50	150	-24.92476610
11.50	160	-42.55255927
11.50	170	-52.63148764
11.50	180	-56.65907339
11.00	0	-86.36143714
11.00	10	-84.30344213
11.00	20	-75.18410220
11.00	30	-59.32224889
11.00	40	-37.79219037
11.00	50	-12.64369139
11.00	60	12.30559018
11.00	70	30.05497231
11.00	80	31.83816278
11.00	100	84.05354788
11.00	110	94.45925261
11.00	120	74.85232179
11.00	130	42.43204551
11.00	140	7.36470296
11.00	150	-25.10120208
11.00	160	-50.80543373
11.00	170	-66.90094011
11.00	180	-72.15561058

10.50	0	-109.86804375
10.50	10	-106.88715624
10.50	20	-94.10363740
10.50	30	-71.97085651
10.50	40	-40.96397719
10.50	50	-2.37399515
10.50	60	40.98500286
10.50	70	82.02577443
10.50	80	102.80643555
10.50	100	188.36694273
10.50	110	171.99094717
10.50	120	124.19025799
10.50	130	70.07173936
10.50	140	18.09250935
10.50	150	-27.16143583
10.50	160	-62.08363947
10.50	170	-84.09658688
10.50	180	-91.69459190
10.00	0	-139.79223090
10.00	10	-135.95111120
10.00	20	-119.60606169
10.00	30	-91.00945678
10.00	40	-49.77741282
10.00	50	3.84013213
10.00	60	69.01305775
10.00	70	143.65121602
10.00	80	221.54985084
10.00	100	355.51245263
10.00	110	261.96805956
10.00	120	176.47210001
10.00	130	96.18268013
10.00	140	26.35565541
10.00	150	-33.20288032
10.00	160	-78.40099121
10.00	170	-106.62633218
10.00	180	-116.74650005
9.50	0	-177.86804874
9.50	10	-173.17209593
9.50	20	-153.54859468
9.50	30	-118.85877129
9.50	40	-67.52563182
9.50	50	1.42412937
9.50	60	89.30112936
9.50	70	199.77909397
9.50	80	354.36297431
9.50	100	483.93017211
9.50	110	339.25940709
9.50	120	219.09168687
9.50	130	115.95044221
9.50	140	27.90582927
9.50	150	-45.97821280
9.50	160	-101.57645387
9.50	170	-136.24097183
9.50	180	-148.87296509

9.00	0	-224.51072222
9.00	10	-219.54367373
9.00	20	-197.67375813
9.00	30	-157.98286759
9.00	40	-97.59800864
9.00	50	-14.38379894
9.00	60	93.85198728
9.00	70	231.75640402
9.00	80	417.22324804
9.00	100	515.71601216
9.00	110	376.36088770
9.00	120	240.98429619
9.00	130	122.04043448
9.00	140	18.63219845
9.00	150	-68.37148850
9.00	160	-133.87261710
9.00	170	-174.75727603
9.00	180	-189.88213230
8.50	0	-277.24931372
8.50	10	-272.40725628
8.50	20	-250.91226977
8.50	30	-209.34982811
8.50	40	-142.87199190
8.50	50	-47.94132894
8.50	60	76.64861505
8.50	70	232.05927951
8.50	80	412.11558185
8.50	100	493.38449681
8.50	110	373.41461130
8.50	120	238.86798662
8.50	130	108.87118826
8.50	140	-5.11216533
8.50	150	-102.92973668
8.50	160	-176.68079886
8.50	170	-222.71359499
8.50	180	-239.98719927
8.00	0	-318.89217101
8.00	10	-317.54402380
8.00	20	-303.06600432
8.00	30	-267.98869767
8.00	40	-202.56056644
8.00	50	-101.64789287
8.00	60	33.94255495
8.00	70	197.85359588
8.00	80	366.59297726
8.00	100	439.51999848
8.00	110	337.54627302
8.00	120	207.93252435
8.00	130	75.47552110
8.00	140	-45.35376253
8.00	150	-148.81781108
8.00	160	-226.62547352
8.00	170	-274.86403744
8.00	180	-292.93161453

7.50	0	-301.45578207
7.50	10	-308.79307281
7.50	20	-318.35891248
7.50	30	-310.50491190
7.50	40	-264.81217028
7.50	50	-171.50211065
7.50	60	-32.68713599
7.50	70	133.56993912
7.50	80	292.87308050
7.50	100	362.81493454
7.50	110	273.87692668
7.50	120	152.13949934
7.50	130	24.41299434
7.50	140	-94.45769444
7.50	150	-193.24762786
7.50	160	-264.65875718
7.50	170	-307.28953735
7.50	180	-323.45931402
7.00	0	-85.76834990
7.00	10	-117.56957510
7.00	20	-193.56169646
7.00	30	-265.06008917
7.00	40	-285.71202822
7.00	50	-232.33818826
7.00	60	-110.65516889
7.00	70	50.83563353
7.00	80	204.38591822
7.00	100	277.66750130
7.00	110	201.32764379
7.00	120	92.42307342
7.00	130	-20.08953437
7.00	140	-117.13025207
7.00	150	-186.36978616
7.00	160	-226.09208345
7.00	170	-243.42180757
7.00	180	-250.47531704
6.75	0	193.27038735
6.75	10	134.46945743
6.75	20	-7.70495518
6.75	30	-158.49053515
6.75	40	-247.40813195
6.75	50	-238.70004431
6.75	60	-139.01151449
6.75	70	14.82981603
6.75	80	165.87387173
6.75	100	244.01539952
6.75	110	174.21914519
6.75	120	76.12670353
6.75	130	-19.50970332
6.75	140	-90.62447575
6.75	150	-126.10697697
6.75	160	-129.54415307
6.75	170	-118.14519215
6.75	180	-113.93041617

6.50	0	678.92767421
6.50	10	579.80029790
6.50	20	334.19592127
6.50	30	57.78353173
6.50	40	-140.23570205
6.50	50	-204.90798334
6.50	60	-143.05466094
6.50	70	-3.59596623
6.50	80	144.52055649
6.50	100	231.01782675
6.50	110	171.32754024
6.50	120	89.89834266
6.50	130	22.16609713
6.50	140	-6.03578202
6.50	150	14.90799291
6.50	160	71.46446188
6.50	170	130.06035820
6.50	180	153.12992424
6.25	0	1492.69117531
6.25	10	1330.65418743
6.25	20	922.42456398
6.25	30	449.99319191
6.25	40	81.33804955
6.25	50	-99.64687353
6.25	60	-100.01442829
6.25	70	15.56709841
6.25	80	159.49952770
6.25	100	259.56930752
6.25	110	215.13391619
6.25	120	160.74711131
6.25	130	139.23504965
6.25	140	179.54725208
6.25	150	292.14459908
6.25	160	446.18966820
6.25	170	581.48479053
6.25	180	633.98215711
6.00	0	2815.95239111
6.00	10	2553.86252292
6.00	20	1891.77687749
6.00	30	1117.80673981
6.00	40	486.95969532
6.00	50	126.62267739
6.00	60	28.09273416
6.00	70	104.99839832
6.00	80	242.39225035
6.00	100	363.90401337
6.00	110	343.19454992
6.00	120	330.21640054
6.00	130	380.83804591
6.00	140	534.29753388
6.00	150	793.16623331
6.00	160	1103.24869972
6.00	170	1361.76145458
6.00	180	1461.32343520

5.50	0	8179.43744880
5.50	10	7511.42275204
5.50	20	5851.55476976
5.50	30	3919.24364708
5.50	40	2305.95016920
5.50	50	1273.39305018
5.50	60	804.51982866
5.50	70	730.53511340
5.50	80	841.52599126
5.50	100	1050.43715466
5.50	110	1164.12283434
5.50	120	1286.54094147
5.50	130	1631.66087970
5.50	140	2234.58657813
5.50	150	3081.33146531
5.50	160	4023.48696347
5.50	170	4787.13437995
5.50	180	5083.09782201