

Table 5. List of observed and calculated structure factors for fettelite
(to be deposited)

h	k	l	Fmeas	Fcalc	Acalc	Bcalc
39	1	0	46.00	58.68	-16.87	-34.86
41	1	0	34.75	60.29	27.51	-15.99
4	2	0	442.68	4.16	-90.50	-417.13
6	2	0	637.50	6.12	-563.11	259.76
36	2	0	33.85	57.11	13.74	33.66
38	2	0	175.80	26.81	156.40	-26.63
40	2	0	52.52	59.70	41.23	-9.14
1	3	0	81.30	4.98	63.55	47.81
3	3	0	61.51	10.54	17.45	51.67
5	3	0	125.26	20.04	106.97	62.87
7	3	0	129.08	17.35	40.88	-113.40
9	3	0	215.35	20.30	28.58	204.66
31	3	0	100.01	37.85	58.42	-78.27
33	3	0	158.14	26.44	-95.10	106.05
35	3	0	59.59	55.57	66.98	15.70
37	3	0	39.05	57.73	47.80	5.88
39	3	0	72.04	58.39	27.64	57.70
0	4	0	721.93	7.26	-677.05	147.22
2	4	0	596.52	7.12	-197.75	-539.65
4	4	0	1772.79	139.07	1523.99	-762.70
6	4	0	1099.92	7.38	312.10	1006.67
8	4	0	892.17	8.33	-812.16	272.71
10	4	0	588.72	7.26	166.44	548.73
12	4	0	3792.97	30.68	3412.31	-1284.52
14	4	0	86.47	22.99	-53.32	60.45
16	4	0	216.34	12.80	-217.80	-27.14
18	4	0	452.79	8.62	111.02	429.06
20	4	0	224.55	18.10	207.56	-53.71
22	4	0	496.75	8.96	71.90	467.65
24	4	0	189.41	17.07	-125.74	-124.58
26	4	0	87.78	35.76	23.32	-75.09
28	4	0	99.56	42.52	104.30	28.98
30	4	0	18.12	51.85	13.10	-20.64
32	4	0	285.64	16.22	-268.60	58.46
34	4	0	119.16	37.52	9.72	118.43
36	4	0	179.81	30.23	176.54	-15.65
38	4	0	30.34	50.95	0.09	28.68
40	4	0	91.24	60.74	-5.55	-89.41
1	5	0	133.97	22.43	-120.30	50.90
3	5	0	256.66	59.74	-114.67	-213.27
5	5	0	148.16	9.68	-22.30	-138.57
7	5	0	89.43	32.55	-88.69	-6.62
9	5	0	163.85	20.90	-111.16	-112.26
11	5	0	45.65	43.52	-18.51	-44.45
13	5	0	115.34	20.32	104.61	-20.00
15	5	0	83.65	31.49	-74.25	45.64
17	5	0	223.23	15.42	-178.87	-121.36
19	5	0	144.32	19.56	-135.99	16.84

21	5	0	85.22	33.70	44.48	-52.03
23	5	0	29.93	46.74	18.38	29.26
25	5	0	177.44	18.52	-162.23	44.25
27	5	0	123.32	30.21	-44.49	-104.18
29	5	0	69.86	50.88	53.13	-23.46
31	5	0	58.40	54.87	-49.76	-10.14
33	5	0	142.13	31.09	-101.14	-96.21
35	5	0	63.18	58.68	58.48	-13.22
37	5	0	35.82	61.53	40.06	8.72
39	5	0	27.42	61.77	-14.00	-14.26
0	6	0	1567.55	6.61	-568.86	-1397.97
2	6	0	1082.00	18.01	-885.31	540.71
4	6	0	279.95	3.76	174.29	200.93
6	6	0	596.65	25.71	-515.83	218.08
8	6	0	60.08	46.08	23.49	56.41
10	6	0	151.78	26.95	122.38	-68.85
12	6	0	37.34	47.00	-23.76	-45.45
14	6	0	268.07	12.90	-257.91	22.17
16	6	0	809.10	7.46	-245.66	-741.85
18	6	0	917.75	11.20	791.70	-361.01
20	6	0	145.77	22.27	-41.48	-136.44
22	6	0	49.59	51.79	-42.93	1.16
24	6	0	316.44	13.08	-70.44	-289.48
26	6	0	397.87	11.94	323.52	-189.90
28	6	0	94.42	39.19	-25.18	-87.82
30	6	0	113.95	36.14	-90.25	36.60
32	6	0	77.21	55.53	30.30	64.93
34	6	0	104.20	48.98	88.62	-36.62
36	6	0	45.07	62.25	25.20	29.56
1	7	0	173.57	64.75	135.89	94.67
3	7	0	224.08	20.40	200.62	68.76
5	7	0	51.61	26.44	40.49	-18.23
7	7	0	112.04	24.43	103.12	-16.21
9	7	0	58.09	50.11	43.64	-37.87
11	7	0	204.29	20.08	205.19	22.54
13	7	0	112.11	34.27	88.44	52.24
15	7	0	157.08	22.34	24.19	144.52
17	7	0	185.01	19.92	179.55	31.23
19	7	0	126.11	27.58	-27.94	-111.05
21	7	0	277.36	14.87	31.65	260.52
23	7	0	49.74	53.72	39.90	-24.56
25	7	0	113.46	37.32	113.33	-9.09
27	7	0	139.97	31.85	111.96	70.91
29	7	0	86.24	53.53	-3.74	94.07
31	7	0	50.44	59.19	-33.41	40.23
33	7	0	67.05	62.15	64.03	-39.87
0	8	0	3187.06	10.33	2301.11	-2009.98
2	8	0	283.56	7.73	200.83	190.41
4	8	0	37.94	111.71	-11.66	-68.30
6	8	0	330.44	5.69	255.94	192.07
8	8	0	1053.86	13.39	650.33	-761.60
10	8	0	315.69	12.36	-155.44	-268.63
12	8	0	241.94	21.30	-209.31	-102.08
14	8	0	583.37	10.69	-275.85	-485.76

16	8	0	290.75	20.67	232.07	-159.61
18	8	0	78.01	53.45	71.93	-16.31
20	8	0	233.65	22.27	-211.58	78.53
22	8	0	48.06	55.36	-31.90	-27.70
24	8	0	908.33	12.19	718.62	-486.17
26	8	0	42.35	59.71	-52.01	-9.34
28	8	0	300.18	17.41	-282.93	-1.77
30	8	0	90.48	60.98	69.19	53.47
32	8	0	121.79	48.13	-55.07	120.46
1	9	0	133.08	17.01	40.81	-118.44
3	9	0	126.66	9.25	111.23	41.51
5	9	0	140.95	28.03	-135.50	2.84
7	9	0	172.37	42.96	-153.22	-35.03
9	9	0	170.87	19.01	62.11	-141.42
11	9	0	78.79	44.04	29.91	-68.17
13	9	0	207.96	23.09	20.58	190.37
15	9	0	202.78	22.06	-43.98	-189.17
17	9	0	79.23	59.38	58.06	-35.52
19	9	0	97.30	50.75	29.04	82.52
21	9	0	103.06	49.93	-62.04	-84.80
23	9	0	71.63	62.23	63.37	-3.69
25	9	0	119.94	43.77	115.02	-28.75
31	9	0	57.87	64.53	-45.35	38.04
0	10	0	582.51	7.70	304.08	473.12
2	10	0	174.52	8.94	171.96	-16.13
4	10	0	319.69	20.44	-237.47	-191.57
6	10	0	708.54	114.29	500.33	-459.71
8	10	0	154.30	24.82	-137.58	-76.58
10	10	0	362.59	16.87	1.46	345.47
12	10	0	578.29	12.24	-374.52	-394.31
14	10	0	211.84	22.84	152.54	-132.60
16	10	0	160.74	27.93	65.70	151.05
18	10	0	233.80	25.84	-69.82	206.34
20	10	0	175.71	34.09	-161.98	-61.97
22	10	0	422.19	17.05	246.79	-308.16
24	10	0	52.41	64.20	-43.99	37.09
26	10	0	146.47	43.14	118.88	-74.04
28	10	0	138.68	45.92	-67.03	-107.04
30	10	0	638.55	15.48	398.43	-451.83
1	11	0	202.77	24.15	165.91	98.69
3	11	0	187.98	8.29	-78.59	161.49
5	11	0	203.00	8.69	153.95	116.90
7	11	0	152.45	26.35	-120.78	91.28
9	11	0	167.00	25.94	49.55	152.66
11	11	0	190.84	16.92	-2.22	176.74
13	11	0	62.09	53.53	56.30	-22.01
15	11	0	130.12	33.53	109.58	59.70
17	11	0	160.29	29.23	22.91	157.57
19	11	0	53.72	58.91	-8.46	52.07
21	11	0	84.97	64.30	-65.42	22.84
23	11	0	62.47	65.44	53.69	-37.13
25	11	0	77.20	66.09	8.79	82.35
0	12	0	826.96	13.27	159.69	-787.65
2	12	0	304.55	7.50	-206.18	-208.43

4	12	0	459.92	13.17	134.67	-415.05
6	12	0	108.21	40.66	100.00	26.12
8	12	0	117.48	39.11	-64.83	-110.23
10	12	0	132.42	30.56	66.29	109.00
12	12	0	1205.46	277.93	641.01	-950.73
14	12	0	318.09	12.46	235.62	198.67
16	12	0	211.28	22.86	-196.54	-51.85
18	12	0	292.93	18.43	233.12	157.17
20	12	0	180.67	29.86	-109.21	121.37
22	12	0	69.06	62.20	-60.39	-26.25
24	12	0	152.26	38.08	-105.25	-86.90
26	12	0	67.50	67.20	-29.22	-59.80
1	13	0	57.11	46.61	52.00	1.08
3	13	0	131.10	97.98	-83.46	-88.19
5	13	0	147.12	30.95	-111.00	-75.28
7	13	0	101.93	47.66	-0.04	99.02
9	13	0	35.68	56.95	14.31	29.67
11	13	0	90.32	46.83	12.99	-89.61
13	13	0	118.46	36.82	-45.28	-96.34
15	13	0	129.79	28.80	121.63	-6.50
17	13	0	76.08	56.43	-61.20	-41.79
19	13	0	170.26	29.59	-118.73	103.09
21	13	0	133.15	40.31	60.16	-97.55
23	13	0	75.37	65.60	-54.16	-55.18
0	14	0	509.49	12.06	-450.67	-161.19
2	14	0	175.75	18.85	-73.36	147.06
4	14	0	185.29	25.80	14.70	187.35
6	14	0	357.95	14.56	-153.73	302.17
8	14	0	200.56	24.32	-168.54	80.06
10	14	0	169.91	29.45	-152.93	-36.15
12	14	0	319.94	14.51	186.53	248.88
14	14	0	187.39	31.13	95.62	-153.17
16	14	0	80.92	60.01	-76.23	17.25
18	14	0	566.92	13.28	78.24	-528.85
20	14	0	117.55	43.90	73.07	88.20
1	15	0	42.17	47.05	-46.19	-1.11
3	15	0	143.45	33.81	56.80	-115.58
5	15	0	137.19	36.34	-37.45	128.30
7	15	0	64.21	60.09	21.89	-59.95
9	15	0	78.65	58.80	-59.69	26.14
11	15	0	59.05	62.87	-21.04	-47.47
13	15	0	109.66	48.11	97.16	-7.78
15	15	0	91.62	56.49	-78.70	47.67
17	15	0	77.03	61.09	23.76	-70.18
19	15	0	80.67	63.87	-58.45	-47.88
0	16	0	695.40	13.72	210.27	-620.16
2	16	0	120.44	30.80	-97.45	-52.41
4	16	0	216.94	24.25	-177.85	-107.94
6	16	0	222.95	26.32	210.10	-25.42
8	16	0	252.70	20.49	-85.92	221.86
10	16	0	272.89	20.13	-186.98	-187.81
12	16	0	484.45	15.53	-115.98	-442.09
14	16	0	361.05	17.07	-277.87	-205.63
16	16	0	169.51	33.74	64.89	-148.56

18	16	0	99.14	63.75	95.18	-24.74
20	16	0	108.34	55.21	-62.42	84.58
22	16	0	84.55	69.04	82.47	-23.50
24	16	0	181.23	44.52	41.81	-160.88
1	17	0	114.15	30.36	-8.80	-110.34
3	17	0	86.88	58.40	83.02	-17.59
5	17	0	101.99	53.04	86.80	-50.80
7	17	0	91.62	60.54	-51.98	49.63
9	17	0	118.48	46.32	-2.83	-109.34
11	17	0	97.04	59.33	73.03	-51.77
13	17	0	51.11	63.33	45.71	-8.01
17	17	0	54.66	67.29	24.84	-44.86
19	17	0	34.77	66.52	27.78	3.19
21	17	0	37.62	65.85	31.16	-14.90
23	17	0	112.96	65.89	97.66	-33.39
25	17	0	24.75	71.93	-11.56	-15.59
27	17	0	106.27	74.40	95.51	-21.72
0	18	0	107.99	43.79	-9.66	112.18
2	18	0	72.71	62.36	-53.52	49.15
4	18	0	136.91	37.99	-126.89	24.02
6	18	0	92.35	59.23	-75.79	-51.25
8	18	0	189.85	32.86	170.58	50.25
10	18	0	118.83	55.34	38.00	98.56
12	18	0	442.40	15.20	-409.50	-51.40
14	18	0	100.68	67.57	-86.76	-47.17
16	18	0	155.26	43.84	-144.30	31.59
20	18	0	132.58	54.44	-113.45	73.11
22	18	0	112.87	61.55	-101.86	6.95
24	18	0	10.11	71.19	8.48	16.60
1	19	0	87.82	55.11	66.82	-46.74
3	19	0	65.29	62.83	31.67	52.81
5	19	0	104.93	47.32	-31.38	-96.37
7	19	0	56.71	60.47	45.16	33.99
9	19	0	81.12	66.77	69.35	-28.65
11	19	0	37.57	68.39	15.61	28.35
13	19	0	31.57	67.01	-22.77	-17.40
15	19	0	67.27	67.05	29.40	-48.33
17	19	0	53.09	69.12	46.78	26.76
19	19	0	54.86	73.35	49.66	2.04
21	19	0	30.78	75.01	-23.30	-11.77
23	19	0	34.04	74.39	-13.00	-27.26
2	20	0	313.69	19.03	-292.10	-60.56
4	20	0	152.31	38.39	103.98	-111.19
6	20	0	154.78	40.40	144.02	-25.09
8	20	0	214.32	27.64	-56.10	-191.86
10	20	0	17.79	67.92	-3.21	12.98
12	20	0	183.71	41.45	62.08	-158.68
14	20	0	261.19	31.72	-234.51	59.66
16	20	0	48.27	72.00	-35.52	23.84
18	20	0	34.56	70.98	10.28	-24.24
20	20	0	83.78	72.86	28.29	71.67
3	21	0	71.00	62.80	-57.75	-35.27
5	21	0	112.81	53.08	20.53	96.05
7	21	0	11.87	66.58	12.07	8.71

9	21	0	41.77	67.10	42.47	7.91
11	21	0	42.38	69.06	30.07	-22.80
15	21	0	71.24	72.03	62.89	-11.41
17	21	0	37.38	70.35	6.26	39.78
4	22	0	54.56	64.32	48.21	17.51
6	22	0	163.84	37.12	-95.19	-130.87
8	22	0	116.93	53.79	-72.78	80.60
10	22	0	90.39	71.76	-69.43	51.57
12	22	0	69.51	71.24	44.00	56.52
-8	0	1	2936.49	13.30	-2831.38	0.00
-6	0	1	26.40	15.85	-23.72	0.00
-39	1	1	49.61	59.46	39.76	-39.10
-9	1	1	109.99	9.79	34.27	-95.89
-7	1	1	146.18	3.48	39.02	134.68
-5	1	1	40.93	8.22	29.84	-25.41
41	1	1	35.16	60.04	-22.95	-15.38
-40	2	1	36.58	62.08	33.85	14.62
-38	2	1	90.94	54.14	-72.70	-51.95
-36	2	1	28.16	58.35	11.41	-27.95
-8	2	1	1485.75	13.05	-251.63	-1413.91
-6	2	1	514.74	3.38	448.73	-214.85
-4	2	1	105.35	4.73	10.47	98.76
4	2	1	271.54	23.94	9.93	266.15
38	2	1	138.03	22.04	108.13	66.04
-39	3	1	58.03	60.38	6.98	43.43
-37	3	1	59.99	59.10	-61.19	-14.72
-35	3	1	41.14	57.06	-6.91	-21.29
-33	3	1	10.08	55.54	-3.84	21.04
-31	3	1	36.73	53.00	-42.38	-25.72
-11	3	1	107.97	24.21	-9.37	-93.47
-9	3	1	99.35	17.68	-71.81	-60.81
-7	3	1	174.94	8.00	-138.96	-83.42
-5	3	1	182.93	6.19	-24.01	170.02
-3	3	1	71.45	8.09	-47.34	-56.06
-1	3	1	33.57	13.27	-28.58	-14.74
1	3	1	51.45	8.63	-23.55	-40.70
3	3	1	53.12	16.26	-47.91	-22.87
5	3	1	133.47	33.80	-87.40	96.32
7	3	1	219.68	19.97	-109.95	-188.43
9	3	1	83.69	30.21	19.18	-73.10
35	3	1	82.12	51.82	56.70	-32.08
37	3	1	44.88	54.77	-13.51	42.26
39	3	1	109.50	43.04	14.73	88.08
-40	4	1	61.55	63.94	66.07	8.99
-38	4	1	114.98	47.26	-58.22	-92.76
-36	4	1	205.58	28.54	-185.49	65.78
-34	4	1	123.25	39.10	-83.64	-85.66
-32	4	1	246.16	20.09	224.16	-78.01
-30	4	1	60.55	52.94	13.37	-42.48
-28	4	1	118.15	31.79	99.65	33.38
-26	4	1	92.52	36.15	-60.25	-64.94
-24	4	1	695.55	9.19	644.00	-197.50
-22	4	1	409.71	8.24	-27.58	-388.27
-20	4	1	1079.30	10.29	-948.30	398.58

-18	4	1	43.35	42.11	-8.08	26.50
-16	4	1	1453.11	8.42	1270.68	-574.00
-14	4	1	284.78	8.94	169.68	224.91
-12	4	1	452.56	11.22	403.36	132.32
-10	4	1	55.35	38.62	-2.90	40.08
-8	4	1	1320.38	4.22	1201.74	-438.00
-6	4	1	514.31	3.14	-42.33	-496.97
-4	4	1	188.20	59.76	194.99	95.23
-2	4	1	400.12	16.04	-127.84	-364.58
0	4	1	529.33	3.17	487.58	-149.20
2	4	1	373.30	16.53	-101.96	-341.30
4	4	1	2709.07	35.31	-2471.83	833.05
6	4	1	850.91	7.21	-182.92	-799.78
8	4	1	683.18	8.47	-538.34	396.22
10	4	1	494.75	6.65	-158.37	-457.19
12	4	1	495.48	8.71	466.93	-103.47
14	4	1	440.92	5.97	221.48	368.86
16	4	1	540.67	9.60	-413.60	348.02
18	4	1	150.48	14.95	-23.20	135.74
24	4	1	110.56	32.21	17.59	116.08
26	4	1	118.10	26.99	-57.06	-106.27
28	4	1	11.66	50.69	-10.10	-23.82
30	4	1	88.38	38.83	68.11	69.12
32	4	1	224.78	19.80	-193.88	114.38
34	4	1	220.68	19.94	-68.38	-201.65
36	4	1	172.80	27.11	156.27	-58.91
38	4	1	106.27	45.67	38.00	-110.01
-39	5	1	66.45	66.26	-20.61	-61.14
-37	5	1	45.58	63.94	12.36	40.09
-35	5	1	100.50	49.67	14.11	91.50
-33	5	1	154.73	30.28	137.47	-3.22
-31	5	1	56.10	55.24	15.86	44.37
-29	5	1	139.91	28.40	-71.43	84.35
-27	5	1	130.80	28.26	112.17	-69.13
-25	5	1	134.49	28.17	65.26	106.26
-23	5	1	137.42	24.66	-116.96	-31.49
-21	5	1	35.89	46.30	-0.16	27.01
-19	5	1	192.44	18.89	29.89	185.42
-17	5	1	178.88	20.34	160.36	12.79
-15	5	1	52.05	42.43	-2.91	-57.26
-13	5	1	132.28	21.69	-18.53	115.04
-11	5	1	212.11	12.02	127.91	157.05
-9	5	1	172.41	15.47	157.19	-23.63
-7	5	1	90.94	8.65	-1.21	90.76
-5	5	1	147.56	4.94	116.48	91.40
-3	5	1	168.59	6.07	120.93	108.46
-1	5	1	237.38	7.04	186.51	125.00
1	5	1	211.12	11.40	163.24	115.57
3	5	1	155.90	6.60	91.74	120.49
5	5	1	101.50	4.33	81.59	56.19
7	5	1	36.19	9.98	5.85	38.40
9	5	1	303.16	13.58	235.71	171.30
11	5	1	203.93	15.89	188.11	-13.21
13	5	1	53.96	38.13	-28.14	31.74

15	5	1	68.46	34.09	63.17	-37.44
17	5	1	223.14	11.59	200.83	-53.39
19	5	1	209.09	15.73	62.99	189.46
21	5	1	34.84	42.65	16.21	-43.27
23	5	1	118.81	25.77	-85.14	-49.81
25	5	1	182.97	19.13	18.70	177.24
27	5	1	131.09	25.75	24.85	-117.06
29	5	1	86.32	40.55	-66.34	-39.04
31	5	1	42.34	49.98	18.33	44.58
33	5	1	87.70	48.64	67.13	46.64
35	5	1	48.48	55.84	39.92	-5.96
-40	6	1	30.83	69.06	27.09	10.28
-38	6	1	48.12	65.90	1.02	42.36
-36	6	1	55.52	63.07	35.12	-48.99
-34	6	1	171.74	31.25	-163.11	24.26
-32	6	1	348.84	16.22	57.87	329.32
-30	6	1	78.65	56.30	69.02	27.68
-28	6	1	189.63	22.05	105.58	147.70
-26	6	1	284.74	20.62	-260.76	50.29
-24	6	1	334.38	13.93	131.66	289.46
-22	6	1	542.35	10.22	-369.21	360.19
-20	6	1	470.12	10.35	-241.52	-374.78
-18	6	1	258.27	16.31	107.38	-222.92
-16	6	1	295.02	15.24	89.34	277.45
-14	6	1	231.57	23.46	22.54	222.56
-12	6	1	43.65	47.63	-6.58	41.88
-10	6	1	330.12	13.20	161.20	-274.00
-8	6	1	975.58	8.56	287.63	892.62
-6	6	1	1045.14	5.10	-813.01	594.17
-4	6	1	123.67	19.24	-106.45	-70.96
-2	6	1	1450.10	14.07	1147.90	-794.74
0	6	1	893.51	5.06	421.55	752.75
2	6	1	568.36	3.70	-392.11	388.45
4	6	1	148.83	9.86	-47.03	-122.20
6	6	1	602.43	7.44	438.41	-373.97
8	6	1	669.20	10.09	158.38	605.18
10	6	1	401.82	15.56	-291.08	256.58
12	6	1	338.41	10.28	169.35	286.39
14	6	1	1480.44	7.76	1192.57	-773.19
16	6	1	620.58	8.32	171.94	562.62
18	6	1	176.95	18.18	156.83	-61.04
20	6	1	390.31	8.61	-207.05	-306.02
22	6	1	637.68	9.79	493.28	-365.36
24	6	1	110.47	29.18	61.75	-82.14
26	6	1	286.65	14.04	265.87	-55.89
28	6	1	129.33	27.70	43.08	118.84
30	6	1	111.65	35.08	93.11	-55.75
32	6	1	374.36	13.62	65.66	349.28
34	6	1	184.35	26.23	-122.66	124.73
-37	7	1	78.67	68.94	-53.87	-35.68
-33	7	1	45.11	61.96	-50.13	-11.13
-31	7	1	42.97	60.58	-38.23	-9.76
-29	7	1	88.77	56.36	2.77	-72.58
-27	7	1	103.70	43.51	-39.90	76.82

-25	7	1	88.92	53.00	-88.46	-31.84
-23	7	1	80.58	53.06	-65.00	-16.85
-21	7	1	167.94	25.07	-151.21	16.16
-19	7	1	101.70	39.63	-90.58	-69.99
-17	7	1	142.84	33.29	-27.72	129.28
-15	7	1	72.46	53.05	-56.87	-25.55
-13	7	1	139.37	30.77	-82.96	-93.00
-11	7	1	194.03	19.14	-149.99	102.16
-9	7	1	158.31	23.01	-145.24	-55.07
-7	7	1	102.91	29.45	-49.92	-77.91
-5	7	1	355.92	4.51	-321.30	-103.05
-3	7	1	89.21	6.46	83.86	7.52
-1	7	1	164.40	4.63	-150.37	-52.43
1	7	1	99.13	9.08	-86.00	-50.32
3	7	1	233.39	6.19	-139.08	-171.07
5	7	1	250.52	5.81	-243.91	-37.26
7	7	1	71.92	5.45	60.59	-32.02
9	7	1	300.09	16.82	-279.85	-78.92
11	7	1	139.68	24.25	-103.76	80.30
13	7	1	262.74	19.01	-39.22	-241.92
15	7	1	54.63	47.40	13.39	-47.07
17	7	1	201.68	18.75	-146.08	135.12
19	7	1	170.37	21.40	-102.91	-132.68
21	7	1	93.18	38.31	-53.45	-47.78
23	7	1	38.17	50.25	20.54	36.12
25	7	1	101.84	38.20	-41.08	93.20
27	7	1	104.27	39.10	-9.76	81.96
29	7	1	34.34	55.43	41.80	-20.32
31	7	1	79.67	58.71	24.06	-63.84
33	7	1	72.76	60.31	-64.54	37.45
-36	8	1	80.72	70.81	70.84	29.49
-34	8	1	104.36	60.04	44.79	92.13
-32	8	1	346.75	20.78	-253.98	209.58
-30	8	1	197.85	28.91	100.78	148.07
-28	8	1	410.90	15.86	297.84	-264.44
-26	8	1	2.31	60.97	3.04	9.14
-24	8	1	148.26	35.43	-47.93	132.39
-22	8	1	301.78	15.44	122.69	259.41
-20	8	1	347.58	18.03	251.27	-222.82
-18	8	1	61.93	55.62	-24.05	67.22
-16	8	1	629.23	12.52	550.88	-228.09
-14	8	1	407.99	15.47	-304.24	-245.36
-12	8	1	901.50	11.34	630.00	-586.40
-10	8	1	198.28	19.43	-79.00	-167.34
-8	8	1	1757.06	11.10	-1287.08	1088.81
-6	8	1	405.47	50.51	186.32	335.67
-4	8	1	347.84	67.65	240.39	-224.51
-2	8	1	174.41	3.78	53.58	164.73
0	8	1	651.68	8.72	626.26	-145.75
2	8	1	835.00	10.44	415.49	687.08
4	8	1	369.74	25.75	-51.98	326.58
6	8	1	973.13	169.26	473.80	803.86
8	8	1	722.82	39.43	-608.91	357.96
10	8	1	46.74	50.83	-24.01	-28.35

12	8	1	192.86	28.60	191.18	53.69
14	8	1	354.74	16.13	-279.20	-188.77
16	8	1	725.14	14.28	-601.90	344.00
18	8	1	147.20	30.62	71.92	128.57
20	8	1	525.94	10.82	-244.37	445.16
22	8	1	163.55	28.12	-134.54	-84.75
24	8	1	45.04	56.91	7.36	-48.20
26	8	1	108.70	40.46	119.49	-0.34
28	8	1	153.50	31.40	-21.82	136.62
30	8	1	120.60	42.20	-7.44	104.26
-31	9	1	66.55	67.62	38.25	55.61
-29	9	1	114.29	52.48	57.74	-75.19
-27	9	1	63.84	65.23	-62.56	-3.94
-25	9	1	89.89	62.33	-36.40	61.33
-21	9	1	177.04	31.39	103.81	-111.84
-19	9	1	117.68	48.53	-71.41	68.34
-17	9	1	54.84	59.80	-0.68	45.85
-15	9	1	103.91	49.33	92.08	11.21
-13	9	1	106.81	47.73	76.08	65.33
-11	9	1	90.14	41.27	-76.13	-10.54
-9	9	1	145.73	24.79	-63.20	113.67
-7	9	1	145.40	16.07	29.38	136.75
-5	9	1	53.33	23.60	42.19	-27.63
-3	9	1	35.99	26.84	-29.55	-17.33
-1	9	1	79.95	31.79	45.47	53.67
1	9	1	127.55	21.52	32.63	112.46
3	9	1	98.56	15.11	-91.04	21.61
5	9	1	130.94	11.93	96.28	-79.86
7	9	1	143.04	9.38	58.23	122.89
9	9	1	114.02	24.56	-55.80	90.30
11	9	1	17.07	48.44	21.42	6.53
13	9	1	158.71	29.15	63.69	142.48
15	9	1	92.28	54.55	-77.22	-38.49
17	9	1	73.49	58.37	-44.81	-62.76
19	9	1	76.59	56.84	-66.49	6.56
21	9	1	136.51	35.96	121.61	49.61
23	9	1	109.83	48.25	105.45	1.05
25	9	1	92.94	54.46	-83.50	-35.04
27	9	1	30.64	59.83	-18.97	19.77
29	9	1	127.18	42.77	82.95	-77.82
-32	10	1	102.90	71.01	-60.28	-77.06
-30	10	1	56.14	71.23	37.36	-41.46
-28	10	1	74.88	69.80	-23.94	-61.64
-26	10	1	254.89	27.92	-199.81	147.12
-24	10	1	140.33	43.01	130.38	-19.29
-22	10	1	419.35	16.65	-330.70	225.67
-20	10	1	581.90	12.79	309.24	456.87
-18	10	1	684.25	12.78	-460.31	470.93
-16	10	1	255.10	22.61	-182.20	-168.41
-14	10	1	308.20	17.01	-289.19	38.39
-12	10	1	74.61	53.54	61.16	-0.17
-10	10	1	1263.69	13.16	-788.30	914.11
-8	10	1	88.78	37.22	58.82	-79.61
-6	10	1	305.65	6.42	-178.24	-228.78

-4	10	1	286.43	43.01	190.85	196.21
-2	10	1	858.74	7.16	-494.58	658.28
0	10	1	233.37	11.41	-138.85	-180.22
2	10	1	1010.32	11.21	308.92	-916.52
4	10	1	788.71	36.76	498.66	553.56
6	10	1	652.67	122.87	-436.76	452.81
8	10	1	88.94	57.84	86.81	-52.97
10	10	1	995.18	11.52	381.80	-878.29
12	10	1	253.65	15.06	-22.46	-240.75
14	10	1	229.64	20.43	-141.64	163.36
16	10	1	303.40	15.21	-183.04	-218.62
18	10	1	158.03	35.69	11.62	-146.23
20	10	1	505.28	14.40	274.35	387.35
22	10	1	643.11	15.27	-448.61	412.85
24	10	1	118.23	46.54	119.82	44.69
26	10	1	107.76	56.40	-46.61	-92.14
-29	11	1	54.79	72.15	-6.45	52.97
-27	11	1	58.83	71.51	4.39	-52.81
-21	11	1	52.53	63.29	-11.85	-58.50
-19	11	1	123.33	43.33	-1.07	-108.52
-17	11	1	148.71	33.25	-92.05	-97.55
-15	11	1	118.87	38.05	95.60	-50.94
-13	11	1	66.04	58.04	-16.44	-71.76
-11	11	1	147.46	24.21	-46.21	-126.63
-9	11	1	106.06	23.56	-41.14	-88.97
-7	11	1	180.75	22.23	-162.07	-73.41
-5	11	1	165.25	26.55	88.32	-128.84
-3	11	1	134.72	9.28	-118.52	-49.21
-1	11	1	134.91	10.83	-4.60	-136.15
1	11	1	147.83	15.18	-72.21	-119.07
3	11	1	125.92	11.41	-5.78	-115.48
5	11	1	100.48	19.02	-36.76	-87.14
7	11	1	273.19	74.62	-246.85	-70.12
9	11	1	214.74	18.94	115.44	-175.32
11	11	1	91.82	32.24	-47.12	-67.59
13	11	1	87.13	41.71	75.04	-13.65
15	11	1	56.29	55.82	-35.88	-47.76
17	11	1	129.39	33.41	-83.17	-88.12
19	11	1	179.12	26.82	66.63	-154.83
21	11	1	61.34	62.28	-58.66	-4.40
23	11	1	32.72	63.72	21.28	20.60
25	11	1	172.97	32.78	57.03	-150.10
-28	12	1	195.24	36.60	111.45	-140.11
-26	12	1	155.17	43.32	-132.07	-67.44
-24	12	1	213.54	28.56	147.90	-142.87
-22	12	1	109.69	52.57	94.03	50.68
-20	12	1	316.69	18.94	-160.91	259.96
-18	12	1	179.46	30.16	153.47	55.91
-16	12	1	124.66	45.37	64.75	-98.37
-14	12	1	301.76	21.57	-238.11	-146.18
-12	12	1	123.71	106.90	118.66	13.70
-10	12	1	474.53	10.84	357.56	282.19
-8	12	1	136.44	33.26	137.59	-20.52
-6	12	1	522.95	11.84	391.16	322.66

-4	12	1	198.92	27.93	133.49	-131.44
-2	12	1	677.06	18.42	-557.15	-335.93
0	12	1	150.87	18.79	127.78	-79.95
2	12	1	654.17	10.81	-512.85	-358.97
4	12	1	894.24	56.18	-502.40	687.38
6	12	1	384.36	16.11	316.62	176.88
8	12	1	137.93	28.93	122.23	91.09
10	12	1	156.57	26.67	-136.73	-52.98
12	12	1	279.02	21.73	-59.41	258.54
14	12	1	49.13	50.29	51.96	-5.74
16	12	1	377.51	14.99	-0.81	370.32
18	12	1	325.97	16.94	198.55	228.55
20	12	1	388.32	14.75	-242.21	291.31
22	12	1	125.64	40.26	122.54	34.96
-27	13	1	92.28	68.68	77.33	-40.80
-25	13	1	82.16	65.59	77.73	7.00
-23	13	1	69.23	63.35	-60.49	-8.57
-21	13	1	56.19	60.15	5.14	43.98
-19	13	1	61.91	59.44	53.47	20.58
-17	13	1	42.48	60.59	11.31	-29.74
-15	13	1	71.52	52.50	-63.23	-26.01
-13	13	1	52.60	44.56	10.81	45.79
-11	13	1	288.94	16.29	229.29	151.30
-9	13	1	99.52	47.62	-37.55	-82.26
-7	13	1	29.28	61.25	31.98	-19.91
-5	13	1	118.68	35.18	6.45	109.87
-3	13	1	144.82	20.42	130.43	8.13
-1	13	1	128.11	24.59	109.95	63.60
1	13	1	87.59	23.47	72.92	50.86
3	13	1	48.78	46.46	-44.24	29.67
5	13	1	122.40	34.30	36.15	105.29
7	13	1	39.98	58.04	40.03	-12.20
9	13	1	73.72	57.42	60.04	-29.73
11	13	1	189.52	22.60	177.98	1.09
13	13	1	60.72	55.83	-39.78	44.39
15	13	1	47.91	51.47	21.12	44.22
17	13	1	86.99	46.60	51.11	-54.95
19	13	1	74.92	58.86	37.67	58.42
-24	14	1	73.13	65.37	62.94	15.99
-22	14	1	175.05	38.08	-59.72	145.05
-20	14	1	139.73	37.56	-20.14	-131.95
-18	14	1	133.03	37.01	116.09	-65.18
-16	14	1	116.00	26.90	-26.69	-98.15
-14	14	1	652.91	14.82	-158.70	595.37
-12	14	1	132.23	36.93	84.98	-104.11
-10	14	1	183.69	28.67	-26.37	-162.95
-8	14	1	411.82	13.30	338.25	179.91
-6	14	1	253.36	24.58	-2.86	241.26
-4	14	1	336.76	18.18	-223.49	-231.17
-2	14	1	302.73	13.18	-36.60	-280.34
0	14	1	463.57	8.29	-314.69	-314.30
2	14	1	571.27	14.04	-43.75	534.71
4	14	1	421.06	13.34	-274.77	-290.68
6	14	1	562.41	11.54	98.03	-528.65

8	14	1	92.72	54.57	85.70	6.76
10	14	1	413.20	14.18	-82.86	377.92
12	14	1	149.00	31.94	-94.45	-106.31
14	14	1	223.99	22.20	-19.58	-215.44
16	14	1	150.72	34.52	126.11	-35.14
18	14	1	62.27	53.84	69.00	-11.31
-21	15	1	64.56	57.28	-46.63	17.25
-19	15	1	112.64	46.58	-98.36	70.08
-17	15	1	83.08	61.51	68.51	0.41
-15	15	1	62.43	59.15	14.09	64.84
-13	15	1	62.66	61.71	46.39	-39.79
-11	15	1	17.30	63.87	12.63	-7.14
-9	15	1	48.77	60.80	4.32	48.38
-7	15	1	60.06	61.65	25.67	-51.10
-5	15	1	101.46	56.46	-31.13	85.50
-3	15	1	118.21	43.24	72.51	-84.22
-1	15	1	44.54	47.42	45.17	14.44
1	15	1	132.51	24.15	110.07	-54.12
3	15	1	63.22	60.09	-5.26	52.47
5	15	1	98.20	57.04	-73.52	47.02
7	15	1	133.70	35.95	42.90	-118.47
9	15	1	108.31	47.62	-19.00	100.30
11	15	1	93.76	55.87	86.23	-28.67
13	15	1	72.70	58.99	11.62	-66.71
15	15	1	51.56	59.97	32.17	-33.49
17	15	1	89.64	58.71	50.16	69.60
19	15	1	122.89	47.57	-93.45	61.69
21	15	1	40.38	67.39	6.99	-41.68
-24	16	1	108.54	61.72	-3.81	-102.61
-22	16	1	118.29	59.06	69.25	85.72
-20	16	1	218.22	28.52	140.23	-157.02
-18	16	1	145.62	42.90	87.39	121.95
-16	16	1	340.25	19.19	40.79	-318.67
-14	16	1	152.53	36.37	-136.41	42.64
-12	16	1	194.92	30.44	139.02	-132.92
-10	16	1	89.16	57.91	-74.42	42.92
-8	16	1	108.73	47.87	-95.85	-55.72
-6	16	1	202.91	31.69	169.13	72.85
-4	16	1	107.67	53.30	106.59	-49.32
-2	16	1	135.77	27.77	-89.34	92.57
0	16	1	312.34	28.07	21.15	294.36
2	16	1	422.55	11.60	338.66	214.10
4	16	1	234.86	25.60	115.57	203.19
6	16	1	370.55	16.92	256.41	234.65
8	16	1	111.52	46.14	-44.64	103.72
10	16	1	117.32	45.11	-99.19	48.59
12	16	1	22.77	63.40	24.42	-17.20
14	16	1	200.23	30.57	-179.64	64.35
16	16	1	452.78	18.46	-77.55	417.44
18	16	1	218.89	29.37	201.80	43.17
20	16	1	288.97	22.30	101.59	-252.82
22	16	1	160.67	43.83	-138.25	57.48
24	16	1	74.22	71.17	47.82	40.21
-27	17	1	41.40	74.26	-41.89	-13.76

-25	17	1	40.65	70.90	-16.92	26.15
-23	17	1	111.44	60.28	90.68	40.97
-21	17	1	66.71	66.67	-60.61	4.06
-19	17	1	76.99	70.12	-1.68	63.09
-17	17	1	115.06	57.55	-11.94	103.77
-15	17	1	74.73	68.84	42.21	-45.86
-13	17	1	76.30	63.87	73.46	15.32
-11	17	1	141.08	37.17	-121.45	40.79
-9	17	1	57.94	62.19	-13.59	50.22
-7	17	1	119.63	44.44	-5.50	111.33
-5	17	1	57.34	62.48	-54.33	-22.07
-3	17	1	39.17	59.60	-31.88	16.73
-1	17	1	14.35	49.77	-5.26	-13.66
1	17	1	86.64	39.95	39.65	66.17
3	17	1	24.37	60.84	3.56	20.51
5	17	1	67.10	63.69	-56.18	-30.76
7	17	1	136.22	40.24	-31.47	127.60
9	17	1	13.76	62.93	-11.28	-14.45
11	17	1	29.70	62.39	-22.35	-1.76
13	17	1	79.34	67.03	77.57	4.18
15	17	1	123.30	53.25	-114.88	37.40
17	17	1	69.11	67.73	-25.63	63.53
19	17	1	52.66	67.45	-36.80	32.03
21	17	1	14.79	66.64	-6.51	-11.58
23	17	1	24.43	69.62	22.35	-4.75
25	17	1	91.61	71.71	-67.79	51.33
27	17	1	24.24	76.17	-11.23	-23.34
-24	18	1	54.58	70.62	32.78	-37.00
-22	18	1	28.93	71.07	30.59	-1.09
-20	18	1	38.93	70.97	-11.15	42.19
-18	18	1	175.69	41.75	-59.72	155.27
-16	18	1	121.68	62.23	-106.49	-24.58
-14	18	1	95.56	69.10	-12.16	91.19
-12	18	1	12.39	65.03	8.07	-7.76
-10	18	1	192.79	34.38	44.48	165.91
-8	18	1	222.21	26.36	-184.60	-95.20
-6	18	1	169.77	32.34	18.02	-161.65
-4	18	1	7.58	60.31	6.81	-6.96
-2	18	1	388.94	17.90	61.97	356.39
0	18	1	244.12	18.43	239.79	-10.09
2	18	1	83.78	62.90	-63.51	-24.74
4	18	1	204.59	26.06	187.57	32.91
6	18	1	104.01	49.75	40.19	-89.69
8	18	1	173.34	34.96	-160.04	-26.34
10	18	1	328.36	22.22	-8.91	-307.67
12	18	1	102.05	59.17	-13.71	-94.07
14	18	1	32.70	69.02	20.44	-30.33
16	18	1	80.17	71.38	-69.82	-15.02
18	18	1	122.28	58.64	26.90	-116.99
20	18	1	43.91	71.21	-39.61	-6.45
22	18	1	117.62	61.01	-44.99	93.57
24	18	1	32.36	70.99	-27.54	7.22
-23	19	1	45.29	73.31	-33.58	31.74
-21	19	1	61.36	74.75	31.94	54.42

-19	19	1	33.10	75.60	-19.63	-19.40
-17	19	1	46.75	69.14	31.83	33.80
-15	19	1	38.54	66.01	-6.30	-35.41
-13	19	1	35.50	67.43	-33.30	-15.32
-11	19	1	54.22	67.84	44.90	-24.50
-9	19	1	102.56	61.67	-88.49	36.67
-7	19	1	122.86	49.02	-77.44	90.24
-5	19	1	20.27	65.43	-12.17	-10.98
-3	19	1	45.46	64.92	-18.26	39.01
-1	19	1	53.32	60.03	-13.97	-53.65
1	19	1	56.67	58.39	-51.52	-7.44
3	19	1	90.26	61.94	-78.86	-2.17
5	19	1	39.66	66.13	29.30	26.46
7	19	1	121.79	52.23	-22.31	103.62
9	19	1	125.47	52.19	-105.40	-45.52
11	19	1	28.55	65.26	-14.51	22.04
13	19	1	89.21	69.05	-13.60	-86.53
15	19	1	49.24	67.99	42.14	15.87
17	19	1	87.50	67.88	-45.97	64.07
19	19	1	61.36	75.45	-21.43	-51.26
21	19	1	78.48	75.20	-6.55	75.49
23	19	1	16.43	74.33	13.20	5.57
-20	20	1	159.36	48.39	-132.67	75.83
-18	20	1	42.79	73.62	20.98	-22.47
-16	20	1	34.93	70.86	0.13	26.33
-14	20	1	38.24	70.24	-7.06	40.97
-12	20	1	111.04	58.39	-99.84	30.63
-10	20	1	113.16	54.63	98.13	39.60
-8	20	1	129.51	47.15	65.57	102.61
-6	20	1	134.77	44.19	107.25	80.03
-4	20	1	131.54	44.07	-136.52	-15.50
-2	20	1	1.79	61.56	3.43	0.53
2	20	1	29.27	60.74	26.18	8.25
4	20	1	228.50	27.24	-79.77	195.05
6	20	1	184.33	38.71	162.11	-54.35
8	20	1	40.13	65.74	-31.39	-11.86
10	20	1	113.42	60.33	-84.75	56.98
12	20	1	199.44	35.04	59.13	179.73
14	20	1	209.65	35.62	198.53	-16.02
16	20	1	95.08	71.70	-35.58	92.43
18	20	1	123.14	63.01	104.26	45.91
20	20	1	247.42	30.49	-11.39	236.56
-17	21	1	79.83	71.70	-26.46	-72.44
-15	21	1	32.80	72.34	-14.13	-37.63
-13	21	1	53.21	67.77	-43.44	-8.58
-11	21	1	66.54	69.06	40.09	-53.73
-9	21	1	19.51	66.81	1.90	14.86
-5	21	1	45.11	65.33	14.46	40.85
-3	21	1	64.75	62.14	-8.43	-56.48
3	21	1	63.85	62.88	-29.94	56.03
5	21	1	25.55	65.60	21.16	-0.21
7	21	1	54.94	69.22	-28.00	-42.36
9	21	1	16.56	68.09	16.94	3.23
11	21	1	94.59	70.20	-16.03	-87.14

13	21	1	58.22	72.37	-22.33	46.81
15	21	1	59.48	72.84	-4.70	-57.76
17	21	1	82.55	70.64	-13.35	-70.91
-12	22	1	83.13	70.42	50.48	-59.04
-10	22	1	116.72	60.24	56.64	101.56
-4	22	1	161.11	38.68	-148.18	19.06
4	22	1	149.99	44.92	-136.99	-14.50
6	22	1	43.00	69.22	31.89	-19.85
8	22	1	99.02	70.37	-88.30	-3.75
10	22	1	81.95	71.13	4.97	76.06
12	22	1	31.86	70.50	5.43	-20.10
-5	23	1	65.09	65.24	53.69	29.57
5	23	1	92.44	65.50	-11.75	80.53
-40	0	2	264.55	24.18	264.90	0.00
-12	0	2	186.40	6.52	183.27	0.00
-10	0	2	45.80	14.33	-46.77	0.00
-8	0	2	2560.60	18.26	-2468.96	0.00
-6	0	2	3.68	21.62	-5.77	0.00
-39	1	2	48.56	60.35	-22.78	-32.83
-13	1	2	117.96	8.73	-115.24	8.05
-11	1	2	100.67	5.54	56.98	82.33
-9	1	2	125.41	9.08	-26.79	113.49
-7	1	2	110.92	5.08	-102.06	-37.55
-5	1	2	40.70	17.55	-38.91	18.96
-40	2	2	169.54	35.64	67.98	133.83
-38	2	2	298.20	20.74	-248.71	123.43
-36	2	2	165.47	29.82	-29.51	160.61
-34	2	2	288.84	18.01	-279.74	-20.48
-12	2	2	59.65	7.70	0.27	54.44
-10	2	2	204.54	5.52	-190.05	41.22
-8	2	2	1114.11	16.42	158.16	1063.99
-6	2	2	276.28	4.49	-265.50	55.66
-4	2	2	600.33	3.54	-107.65	-569.62
0	2	2	298.31	9.21	21.85	291.95
2	2	2	85.52	13.44	8.63	71.71
4	2	2	209.04	6.18	-151.52	-101.08
38	2	2	137.23	32.82	-129.38	18.61
-39	3	2	76.25	63.02	23.25	78.78
-37	3	2	60.59	60.00	24.57	-38.80
-35	3	2	14.48	59.50	-12.42	-4.24
-33	3	2	99.81	46.55	46.70	85.11
-31	3	2	128.37	34.30	126.94	-1.45
-29	3	2	127.32	29.56	-36.83	-97.15
-27	3	2	116.33	34.11	40.47	108.33
-15	3	2	212.60	14.43	202.57	70.14
-13	3	2	233.97	9.94	-30.87	-223.04
-11	3	2	25.06	19.05	-22.62	2.49
-9	3	2	217.90	110.65	35.75	201.72
-7	3	2	195.15	6.78	151.78	-119.41
-5	3	2	109.16	7.50	66.20	-79.30
-3	3	2	49.11	14.64	27.26	38.92
-1	3	2	151.50	25.23	89.16	117.22
1	3	2	6.23	26.36	-5.68	3.57
3	3	2	62.42	14.47	50.17	28.48

5	3	2	89.15	11.64	89.02	-21.96	
7	3	2	37.77	43.78	42.31	24.51	
33	3	2	89.11	41.99	-89.56	12.83	
35	3	2	60.42	53.79	12.04	61.56	
37	3	2	101.10	42.36	-14.46	-87.81	
-40	4	2	59.82	64.90	-49.39	16.69	
-38	4	2	108.10	52.32	28.40	90.01	
-36	4	2	101.38	54.28	68.07	-78.03	
-34	4	2	184.08	26.16	109.75	149.49	
-32	4	2	320.76	17.11	-253.14	175.38	
-30	4	2	89.76	45.10	-52.99	-36.68	
-28	4	2	270.49	18.37	213.64	-157.18	
-26	4	2	95.75	38.10	97.57	-60.47	
-24	4	2	95.73	39.07	-31.33	74.59	
-22	4	2	386.04	11.97	7.27	368.82	
-20	4	2	439.28	11.70	-424.76	24.66	
-18	4	2	356.51	12.64	168.01	306.92	
-16	4	2	469.43	10.70	-398.64	215.86	
-14	4	2	150.74	15.83	-114.09	-88.17	
-12	4	2	166.36	23.87	-160.41	-68.49	
-10	4	2	1268.29	4.80	439.02	1138.22	
-8	4	2	856.37	4.07	-780.22	306.41	
-6	4	2	1281.20	3.98	292.59	1198.33	
-4	4	2	679.00	17.43	-539.47	348.96	
-2	4	2	83.82	12.37	-32.05	83.10	
0	4	2	367.33	32.34	-329.27	-53.30	
2	4	2	303.15	4.76	-136.45	-263.95	
4	4	2	2628.62	342.89	-2401.76	839.76	
6	4	2	725.01	49.51	168.81	675.07	
8	4	2	400.84	5.78	-395.96	-68.15	
10	4	2	59.86	25.37	-14.37	58.78	
12	4	2	153.30	15.83	152.39	18.29	
14	4	2	94.76	18.26	-64.78	52.19	
26	4	2	95.44	31.62	59.09	70.51	
28	4	2	228.45	16.49	-228.91	14.88	
30	4	2	65.55	47.79	-58.54	36.62	
32	4	2	108.69	33.31	30.48	82.57	
34	4	2	76.18	52.07	25.20	69.52	
-39	5	2	13.19	65.04	-0.29	-8.41	
-37	5	2	84.66	63.37	55.81	-26.98	
-35	5	2	24.01	62.71	-11.56	8.94	
-33	5	2	113.07	42.79	-5.41	-117.46	
-31	5	2	71.37	57.63	-27.07	-63.25	
-29	5	2	87.86	48.89	63.48	39.58	
-27	5	2	153.84	26.39	-89.37	-108.94	
-25	5	2	132.45	29.95	-122.01	-19.49	
-23	5	2	101.05	33.52	70.38	59.05	
-21	5	2	39.90	48.66	-34.02	-30.45	
-19	5	2	253.41	12.76	-195.61	-147.18	
-17	5	2	179.72	19.22	-167.00	-50.38	
-15	5	2	147.93	25.63	-83.41	-110.25	
-13	5	2	27.93	46.06	10.50	24.53	
-11	5	2	115.91	11.01	-88.71	78.63	
-9	5	2	348.71	7.54	-130.08	-306.20	

-7	5	2	118.52	11.91	-99.53	-54.59
-5	5	2	87.17	9.35	-56.03	-69.76
-3	5	2	211.27	14.29	-118.39	-166.35
-1	5	2	114.90	13.85	-113.64	5.13
1	5	2	194.61	11.61	-152.51	-104.79
3	5	2	248.01	4.96	-163.45	-176.82
5	5	2	158.50	7.30	-106.73	-111.70
7	5	2	105.85	11.83	-73.33	-70.53
9	5	2	135.56	16.35	-129.85	-20.92
11	5	2	284.49	12.80	-100.04	-257.78
13	5	2	54.79	33.83	32.89	-31.37
15	5	2	86.33	31.23	-89.28	2.45
17	5	2	328.26	10.90	-107.23	-303.84
19	5	2	117.86	19.88	-114.42	-16.51
21	5	2	36.08	41.51	26.30	-8.38
23	5	2	88.29	33.60	14.66	-79.44
25	5	2	83.82	33.88	-72.03	-13.57
27	5	2	179.67	17.75	-157.46	-62.11
29	5	2	72.30	48.50	61.42	-10.12
31	5	2	80.49	44.51	-41.60	59.60
33	5	2	158.61	24.20	-154.29	4.44
-38	6	2	154.85	46.53	-146.25	11.77
-36	6	2	5.65	57.83	-25.02	-1.49
-34	6	2	327.26	19.73	-200.64	253.15
-32	6	2	45.47	60.89	-44.34	-2.41
-30	6	2	341.20	15.80	-310.74	103.38
-28	6	2	179.44	27.60	104.09	123.68
-26	6	2	811.34	12.57	-615.90	475.29
-24	6	2	139.41	27.63	-37.72	113.81
-22	6	2	76.48	52.22	-42.83	-66.05
-20	6	2	82.06	45.94	39.52	56.52
-18	6	2	352.33	14.34	-146.61	306.90
-16	6	2	1020.29	9.69	-394.57	-899.83
-14	6	2	193.77	26.04	98.21	-174.98
-12	6	2	233.46	15.93	-32.14	-218.68
-10	6	2	520.23	5.46	-367.57	341.33
-8	6	2	116.44	53.24	-137.66	-2.19
-6	6	2	981.67	4.89	782.26	-528.03
-4	6	2	538.32	3.99	254.22	455.06
-2	6	2	970.98	26.06	-741.98	569.51
0	6	2	1200.00	3.59	-445.11	-1062.41
2	6	2	484.44	11.72	-427.30	184.85
4	6	2	318.26	15.11	229.40	220.31
6	6	2	160.87	11.82	-54.58	152.22
8	6	2	292.18	12.27	-72.39	-283.50
10	6	2	770.44	12.84	-626.51	391.47
12	6	2	539.44	9.07	227.07	472.88
14	6	2	776.20	8.32	-585.68	449.87
16	6	2	314.49	11.32	-225.38	-210.96
18	6	2	556.97	8.06	-442.08	313.27
20	6	2	333.79	11.46	207.50	244.93
22	6	2	44.19	45.93	41.39	8.09
24	6	2	539.58	9.68	-193.40	-486.19
26	6	2	476.59	10.38	-400.88	228.24

28	6	2	59.05	50.77	-33.07	-27.94
30	6	2	59.29	53.64	38.90	-1.42
32	6	2	52.93	52.76	-38.71	-45.04
-39	7	2	24.79	73.21	22.14	0.81
-37	7	2	53.47	70.16	22.20	51.86
-35	7	2	126.48	51.53	-5.31	-103.82
-33	7	2	41.62	66.84	-7.33	-25.82
-31	7	2	96.74	59.13	-4.81	87.71
-29	7	2	107.09	49.54	98.55	-11.56
-27	7	2	182.41	26.94	148.33	108.09
-25	7	2	123.14	40.12	39.18	-106.06
-23	7	2	24.47	56.97	6.31	-15.80
-21	7	2	248.36	18.69	115.51	203.23
-19	7	2	117.09	35.88	72.36	-91.78
-17	7	2	125.67	34.58	90.06	-81.74
-15	7	2	200.53	22.35	27.92	191.25
-13	7	2	195.98	28.32	126.90	142.48
-11	7	2	181.14	21.52	103.81	-138.43
-9	7	2	48.85	20.44	24.24	-34.51
-7	7	2	35.33	25.67	38.40	1.54
-5	7	2	123.24	7.07	111.11	43.48
-3	7	2	359.58	5.40	329.65	113.12
-1	7	2	82.26	35.31	-17.55	-74.07
1	7	2	189.10	3.51	165.66	77.45
3	7	2	89.00	7.03	87.85	4.72
5	7	2	176.85	5.06	154.57	85.69
7	7	2	57.27	10.37	58.27	8.23
9	7	2	137.10	8.43	84.57	-98.78
11	7	2	398.90	6.25	363.93	117.96
13	7	2	82.36	5.93	40.45	71.80
15	7	2	176.48	18.90	85.93	139.09
17	7	2	58.71	47.95	56.34	-31.88
19	7	2	119.41	25.94	-28.37	-100.46
21	7	2	139.50	24.19	73.85	114.10
23	7	2	103.81	35.86	39.40	95.56
25	7	2	48.90	51.14	57.21	-17.31
27	7	2	104.04	35.67	70.95	-70.60
29	7	2	118.54	34.31	8.83	106.85
-38	8	2	33.79	73.86	-16.94	-19.03
-36	8	2	212.26	24.73	190.51	-72.71
-34	8	2	65.42	70.81	45.62	45.36
-32	8	2	61.97	67.10	-21.68	-62.35
-30	8	2	151.18	41.21	139.36	53.30
-28	8	2	229.87	25.73	-121.69	174.10
-26	8	2	62.80	60.22	50.89	25.24
-24	8	2	157.91	35.89	-45.87	-147.08
-22	8	2	402.39	16.25	305.42	235.00
-20	8	2	346.74	16.41	-126.13	306.26
-18	8	2	79.30	59.27	59.44	46.89
-16	8	2	204.37	29.99	-159.92	101.90
-14	8	2	159.28	28.30	17.20	-150.86
-12	8	2	480.63	12.89	-322.09	324.68
-10	8	2	305.24	12.47	-197.05	-231.22
-8	8	2	849.59	5.49	-720.05	373.51

-6	8	2	117.31	8.26	29.44	-109.59
-4	8	2	763.84	3.82	-615.89	404.82
-2	8	2	357.66	3.96	-178.13	-298.79
0	8	2	493.97	17.81	-279.09	352.60
2	8	2	916.61	4.20	575.78	671.72
4	8	2	796.28	41.40	-625.99	451.53
6	8	2	656.77	3.42	477.75	406.87
8	8	2	220.42	11.75	220.53	38.51
10	8	2	83.54	6.01	49.08	65.12
12	8	2	331.51	14.84	-298.61	78.05
14	8	2	133.06	29.32	37.68	-124.26
16	8	2	659.89	13.42	-540.96	346.31
18	8	2	118.74	31.43	-69.32	-97.38
20	8	2	96.98	39.45	82.98	-52.08
22	8	2	363.75	12.21	-157.49	-306.36
24	8	2	475.62	11.79	329.31	-315.08
26	8	2	84.51	51.72	-83.87	-6.18
28	8	2	345.62	15.86	-211.41	248.53
-37	9	2	51.98	76.94	-43.41	-0.51
-33	9	2	26.88	71.44	-11.54	-22.83
-31	9	2	160.91	43.36	-125.31	-96.50
-27	9	2	85.92	65.48	11.35	-74.24
-25	9	2	117.88	49.77	73.76	-71.11
-23	9	2	70.29	65.26	-32.59	45.46
-21	9	2	223.67	28.11	-103.13	-196.26
-19	9	2	57.33	63.96	9.36	57.52
-17	9	2	49.50	61.88	42.94	25.25
-15	9	2	152.83	32.83	-1.45	-150.81
-13	9	2	99.00	42.66	-42.76	77.61
-11	9	2	61.30	51.99	-13.55	-51.71
-9	9	2	72.53	49.99	50.18	-35.57
-7	9	2	166.58	6.64	-145.68	-79.52
-5	9	2	133.29	7.58	-127.60	-1.01
-3	9	2	51.03	12.47	29.31	-31.86
-1	9	2	62.31	14.25	-2.65	-62.58
1	9	2	59.08	12.72	29.26	-48.78
3	9	2	89.04	11.33	-57.99	-58.62
5	9	2	310.91	6.25	-230.87	-184.56
7	9	2	67.56	9.07	-58.39	-39.61
9	9	2	51.35	10.03	27.43	-43.90
11	9	2	145.97	25.33	-69.45	-122.94
13	9	2	62.39	48.42	-58.24	-31.61
15	9	2	205.52	20.23	-146.18	-132.98
17	9	2	29.52	56.33	20.21	28.55
19	9	2	73.79	58.21	-56.97	37.33
21	9	2	110.17	43.31	-109.51	2.66
23	9	2	168.14	30.68	-17.00	-162.11
-34	10	2	28.79	77.51	21.19	5.68
-32	10	2	33.99	74.40	-51.74	22.04
-30	10	2	164.56	46.38	37.32	145.40
-28	10	2	65.03	70.51	-21.96	-65.60
-26	10	2	106.59	64.34	64.88	-84.99
-24	10	2	10.49	66.79	-28.08	1.55
-22	10	2	365.93	20.81	28.00	360.31

-20	10	2	158.35	39.40	-146.07	12.88
-18	10	2	258.99	21.82	115.27	-216.16
-16	10	2	405.86	12.87	259.49	296.35
-14	10	2	874.27	12.76	-277.06	792.23
-12	10	2	151.59	34.52	-136.91	6.21
-10	10	2	473.03	16.25	271.25	-364.20
-8	10	2	230.68	29.52	-159.92	-157.01
-6	10	2	461.16	11.47	437.48	67.36
-4	10	2	728.26	4.89	-494.65	-497.75
-2	10	2	395.86	5.75	309.83	-237.01
0	10	2	766.67	3.65	492.47	551.71
2	10	2	327.28	7.38	104.64	313.79
4	10	2	141.51	46.52	-109.04	124.41
6	10	2	515.77	5.54	405.27	-294.24
8	10	2	375.40	117.11	232.90	274.39
10	10	2	249.92	15.93	229.59	72.27
12	10	2	402.02	13.42	-265.35	-280.95
14	10	2	398.05	16.66	-48.23	381.81
16	10	2	369.89	15.73	259.07	255.27
18	10	2	193.29	28.28	161.83	-107.11
20	10	2	264.43	26.04	-214.08	-140.64
22	10	2	646.09	18.43	-257.13	558.06
24	10	2	324.34	22.61	212.71	235.21
-27	11	2	92.04	70.43	-0.16	92.79
-25	11	2	75.70	68.29	-22.12	69.17
-21	11	2	107.41	55.08	-67.66	76.95
-19	11	2	65.43	60.49	23.42	56.67
-17	11	2	109.01	43.79	67.67	71.34
-15	11	2	242.57	25.20	226.06	80.78
-13	11	2	136.00	42.46	-92.82	-89.54
-11	11	2	110.05	36.41	44.49	91.56
-9	11	2	189.18	13.87	-52.87	173.03
-7	11	2	43.76	50.95	30.03	31.78
-5	11	2	89.31	45.94	62.41	50.06
-3	11	2	188.19	23.66	-123.40	128.04
-1	11	2	282.88	125.62	266.46	60.49
1	11	2	163.79	12.39	13.09	158.82
3	11	2	97.73	19.05	-39.31	81.04
5	11	2	165.30	11.20	-59.22	142.72
7	11	2	119.03	14.34	-24.49	112.66
9	11	2	176.60	9.81	156.89	63.75
13	11	2	46.72	49.75	46.73	5.53
15	11	2	28.95	52.77	-2.18	30.95
17	11	2	216.29	20.91	82.25	190.72
19	11	2	101.77	45.17	-25.85	95.49
21	11	2	62.57	62.14	-41.86	-2.85
-32	12	2	29.78	73.78	-6.16	28.89
-30	12	2	97.90	72.54	99.08	24.60
-28	12	2	99.62	71.01	37.82	-96.88
-26	12	2	20.61	66.91	21.08	8.41
-24	12	2	185.05	32.73	148.52	-99.70
-22	12	2	39.13	63.28	-24.11	-23.87
-20	12	2	312.72	21.09	-248.05	167.35
-18	12	2	196.99	28.37	174.59	73.10

-16	12	2	389.92	16.65	-170.72	332.55
-14	12	2	267.63	17.08	228.83	109.09
-12	12	2	209.79	30.07	-148.16	137.07
-10	12	2	775.91	10.36	640.56	378.98
-8	12	2	987.72	12.73	-391.95	864.61
-6	12	2	367.60	16.97	292.50	189.69
-4	12	2	178.98	34.56	9.81	182.16
-2	12	2	252.02	13.01	210.02	129.01
0	12	2	469.00	13.23	-240.80	380.76
2	12	2	163.95	20.35	149.21	32.05
4	12	2	346.33	52.65	-303.09	138.47
6	12	2	212.44	8.88	-178.19	-106.83
8	12	2	569.32	111.38	-308.11	448.44
10	12	2	389.57	12.67	-266.88	-248.35
12	12	2	581.25	12.26	314.74	-468.96
14	12	2	509.03	11.61	357.14	324.31
16	12	2	509.84	16.34	-220.30	429.02
18	12	2	348.45	17.30	321.58	101.55
-29	13	2	32.63	69.41	-15.95	-22.34
-25	13	2	101.53	59.76	-67.31	57.89
-23	13	2	49.14	61.76	-47.46	23.44
-21	13	2	93.43	56.40	56.02	-53.41
-19	13	2	226.79	23.58	-216.43	-11.63
-17	13	2	73.31	59.08	-70.16	11.04
-15	13	2	56.09	57.66	-1.65	-48.02
-13	13	2	52.21	45.52	-12.10	-53.14
-11	13	2	63.34	55.68	-51.81	-41.24
-9	13	2	199.40	26.26	-194.28	-57.46
-7	13	2	117.28	42.40	-86.38	82.18
-5	13	2	64.83	56.42	-22.84	-55.13
-3	13	2	64.33	44.95	-0.96	-66.15
-1	13	2	129.56	34.74	-131.64	-13.27
1	13	2	97.87	18.37	-62.55	-76.23
3	13	2	97.83	16.76	-89.50	25.64
5	13	2	52.11	58.25	-45.58	-24.20
7	13	2	136.89	36.72	-118.88	53.59
9	13	2	112.17	40.33	-87.60	64.28
11	13	2	186.97	28.88	-53.43	-172.11
13	13	2	20.55	58.12	-15.75	-4.75
15	13	2	46.92	65.55	-29.26	36.64
-26	14	2	377.87	19.96	-69.50	355.79
-24	14	2	96.71	66.75	-24.47	85.43
-22	14	2	87.21	65.53	-86.98	21.89
-20	14	2	117.42	48.68	-102.61	70.44
-18	14	2	163.46	31.59	125.22	83.30
-16	14	2	28.14	55.32	-29.81	-11.39
-14	14	2	324.41	19.07	28.96	-311.34
-12	14	2	384.03	16.76	306.39	209.14
-10	14	2	355.44	16.98	74.15	332.91
-8	14	2	241.02	21.15	57.06	214.43
-6	14	2	177.73	27.58	-159.13	-49.72
-4	14	2	464.12	15.24	340.43	295.36
-2	14	2	288.55	12.06	83.30	262.32
0	14	2	156.21	21.95	-154.91	14.72

2	14	2	177.87	35.80	15.72	-167.16
4	14	2	147.83	36.67	92.22	118.38
6	14	2	73.07	61.99	-9.21	67.06
8	14	2	377.96	16.62	-358.01	-67.80
10	14	2	513.59	12.85	-113.38	478.59
12	14	2	506.59	12.09	394.42	288.42
14	14	2	123.77	38.62	-39.85	98.73
16	14	2	279.57	20.84	113.71	233.35
-25	15	2	69.24	66.40	-34.84	-51.45
-23	15	2	30.82	61.45	-25.04	25.00
-21	15	2	128.29	31.18	-59.83	98.79
-19	15	2	59.18	50.48	43.29	-42.62
-17	15	2	108.80	49.60	-5.26	-107.60
-15	15	2	116.71	44.20	-110.39	34.78
-13	15	2	40.87	60.19	0.33	-44.35
-11	15	2	114.17	47.55	-96.15	39.30
-9	15	2	56.57	61.61	-45.47	18.27
-7	15	2	81.36	61.39	-78.35	-17.36
-5	15	2	99.61	56.00	-43.90	83.17
-3	15	2	238.39	23.62	133.16	-187.46
-1	15	2	150.68	24.32	-126.40	65.45
1	15	2	73.56	45.70	-66.60	-33.40
3	15	2	47.94	60.64	-32.95	-22.83
5	15	2	34.35	62.39	17.48	28.84
7	15	2	19.80	58.90	12.42	6.15
9	15	2	77.32	65.53	-73.04	-7.44
11	15	2	91.96	59.49	75.80	-55.98
13	15	2	54.07	61.88	41.06	25.11
15	15	2	54.11	62.15	-45.68	-35.38
17	15	2	86.88	62.96	-52.62	60.09
19	15	2	56.30	65.92	-38.31	-37.53
21	15	2	36.47	71.46	36.84	-9.82
-24	16	2	209.85	33.95	-68.64	191.01
-22	16	2	245.30	19.39	232.98	-6.18
-20	16	2	332.99	20.44	-44.57	312.71
-18	16	2	162.33	37.29	155.76	-36.58
-16	16	2	61.12	64.56	61.54	17.57
-14	16	2	149.14	39.79	-91.86	-106.20
-12	16	2	94.54	60.65	23.44	81.94
-10	16	2	160.94	36.46	113.38	-111.19
-8	16	2	360.06	19.61	-198.46	283.49
-6	16	2	126.90	48.62	70.27	-87.53
-4	16	2	690.03	13.66	-81.38	652.25
-2	16	2	254.79	15.17	-144.62	-195.99
0	16	2	218.92	17.71	9.82	-206.86
2	16	2	308.76	13.87	290.46	21.57
4	16	2	941.56	12.94	-73.39	898.10
6	16	2	380.16	17.21	365.48	-35.58
8	16	2	200.38	32.31	-95.34	169.59
10	16	2	138.84	42.12	-81.63	-103.59
12	16	2	420.60	18.19	-20.22	406.90
14	16	2	195.97	32.22	-55.15	-174.83
16	16	2	246.00	26.53	-109.24	-209.99
18	16	2	20.68	64.15	-15.75	-14.73

20	16	2	286.52	27.22	11.65	272.12
22	16	2	179.76	38.59	-116.41	-112.76
24	16	2	275.37	32.09	0.49	-272.02
26	16	2	31.32	76.34	-1.76	-23.46
-27	17	2	65.78	77.57	52.00	-31.05
-25	17	2	35.84	74.58	-24.04	-28.79
-23	17	2	37.17	69.13	31.60	3.14
-21	17	2	58.66	66.28	-56.30	-5.94
-19	17	2	41.38	68.28	37.77	14.11
-17	17	2	22.18	69.31	8.63	-18.04
-15	17	2	83.17	65.84	-18.55	-83.88
-13	17	2	118.93	53.32	-74.54	88.30
-11	17	2	71.17	61.99	64.43	-15.72
-9	17	2	75.71	62.36	65.62	-27.21
-7	17	2	88.32	61.30	-83.77	15.01
-5	17	2	21.62	62.76	14.86	-9.95
-3	17	2	31.14	60.62	-11.05	33.72
-1	17	2	129.60	26.07	25.65	-118.83
1	17	2	39.50	49.10	4.41	-38.84
3	17	2	78.44	63.00	-80.30	13.46
5	17	2	47.83	62.11	-44.61	-16.53
7	17	2	55.34	64.94	51.20	-34.39
9	17	2	88.45	65.12	2.67	-83.17
11	17	2	8.35	69.20	3.26	-4.67
13	17	2	62.56	69.52	-46.82	-43.52
15	17	2	93.86	68.24	-85.92	16.09
17	17	2	106.13	59.98	64.77	-73.98
19	17	2	61.61	67.83	-35.99	42.54
21	17	2	34.63	70.89	7.57	29.67
23	17	2	100.46	65.28	-2.07	-95.71
25	17	2	22.24	71.91	13.64	24.77
27	17	2	52.10	73.46	40.92	30.89
-24	18	2	104.39	71.41	96.92	18.68
-22	18	2	221.65	35.56	62.12	199.33
-20	18	2	81.58	74.08	66.12	30.53
-18	18	2	109.71	65.40	-51.02	83.28
-16	18	2	77.15	73.37	-57.83	51.30
-14	18	2	158.22	42.39	43.82	140.51
-12	18	2	224.85	29.24	-217.97	-14.78
-10	18	2	138.96	42.80	-87.20	-96.74
-8	18	2	38.53	65.14	-37.73	26.43
-6	18	2	191.63	34.15	69.22	-167.40
-4	18	2	209.16	27.52	-197.15	-53.23
-2	18	2	66.49	63.38	-12.88	63.02
0	18	2	83.49	43.27	78.16	31.58
4	18	2	165.93	34.71	111.37	103.41
6	18	2	214.16	27.24	3.31	206.63
8	18	2	468.31	15.47	443.06	39.80
10	18	2	238.59	28.51	25.68	219.25
12	18	2	147.91	46.24	-137.42	-51.95
14	18	2	126.33	52.36	102.29	56.14
16	18	2	30.23	71.97	23.21	23.55
18	18	2	88.92	74.00	-30.66	-76.70
20	18	2	44.31	70.82	-29.47	30.31

22	18	2	304.63	29.05	33.99	289.93
24	18	2	117.45	63.23	113.11	25.49
-23	19	2	10.48	76.40	-8.40	4.00
-21	19	2	45.13	77.15	31.78	-33.67
-19	19	2	21.37	76.70	-19.40	4.47
-17	19	2	11.16	71.34	7.49	3.08
-15	19	2	106.87	61.25	85.55	-61.51
-13	19	2	24.31	70.66	22.04	-1.38
-11	19	2	17.67	67.44	-13.86	-9.51
-9	19	2	74.33	68.48	14.68	63.34
-7	19	2	95.86	66.01	85.86	-45.15
-5	19	2	86.77	66.27	-17.05	-87.32
-3	19	2	61.58	62.88	15.90	51.85
-1	19	2	72.98	60.26	-7.11	-68.14
3	19	2	45.09	63.83	34.62	15.09
5	19	2	47.03	67.48	-37.12	19.03
7	19	2	34.62	67.80	3.28	32.41
9	19	2	151.10	40.91	62.23	-130.08
11	19	2	82.35	67.91	-16.01	76.95
13	19	2	2.69	71.67	-2.87	2.90
15	19	2	31.87	71.12	33.76	-0.29
17	19	2	24.47	72.20	-19.11	12.56
19	19	2	50.93	78.45	33.43	26.77
23	19	2	64.03	78.24	65.94	-8.03
-20	20	2	79.10	74.01	72.05	34.97
-18	20	2	24.20	73.08	-3.40	-14.09
-16	20	2	237.36	36.27	82.75	207.01
-14	20	2	176.01	45.14	-150.54	-72.09
-12	20	2	88.77	70.79	45.22	79.73
-10	20	2	154.17	47.27	142.92	-13.30
-8	20	2	379.62	20.23	169.66	316.96
-6	20	2	273.54	24.48	249.00	-68.89
-4	20	2	96.91	62.22	95.25	15.72
-2	20	2	199.92	29.35	-192.27	-11.37
2	20	2	106.23	50.97	1.40	-97.37
4	20	2	173.00	34.06	-75.74	-146.13
6	20	2	84.00	66.53	67.89	-30.93
8	20	2	297.09	23.73	201.57	187.66
10	20	2	117.34	58.63	-83.20	-64.00
12	20	2	264.30	28.82	-42.46	-252.67
14	20	2	38.13	71.57	-44.17	6.63
16	20	2	310.80	26.69	165.91	241.56
18	20	2	59.93	71.97	40.18	-42.80
20	20	2	101.65	76.62	-41.53	-91.17
-17	21	2	65.58	74.37	-2.26	60.46
-15	21	2	43.49	74.95	35.57	26.41
-13	21	2	24.32	70.05	-3.57	-22.63
-11	21	2	45.14	71.83	20.31	33.30
-9	21	2	70.39	70.40	-48.74	53.50
-7	21	2	35.04	70.74	6.06	37.16
-5	21	2	70.92	69.46	40.37	56.08
-3	21	2	93.03	65.78	-66.62	-54.27
3	21	2	49.51	65.36	-6.26	48.70
5	21	2	62.33	68.09	-15.61	58.82

7	21	2	57.83	69.13	-12.02	54.62	
9	21	2	75.14	68.60	14.70	69.78	
13	21	2	37.10	72.70	7.03	35.70	
15	21	2	46.24	75.34	-1.32	46.54	
-12	22	2	97.93	77.49	96.27	15.13	
-8	22	2	86.41	70.91	79.05	18.11	
-4	22	2	122.00	50.86	118.28	-0.57	
4	22	2	22.56	66.69	-9.02	21.76	
6	22	2	279.40	24.53	-107.21	-248.65	
8	22	2	27.90	73.20	-29.67	1.20	
10	22	2	92.12	71.36	38.48	74.89	
12	22	2	91.28	71.79	88.98	4.63	
-5	23	2	20.26	68.20	2.94	17.31	
-40	0	3	3.63	62.86	7.99	0.00	
-16	0	3	600.49	6.29	576.57	0.00	
-14	0	3	6.85	23.04	-7.55	0.00	
-12	0	3	1291.80	4.86	-1247.54	0.00	
-10	0	3	29.35	24.42	-25.01	0.00	
-8	0	3	1561.97	20.67	-1502.59	0.00	
-2	0	3	23.49	27.14	-17.37	0.00	
0	0	3	80.70	11.42	-73.13	0.00	
2	0	3	21.47	27.56	30.07	0.00	
-39	1	3	80.11	61.35	76.20	27.12	
-37	1	3	53.62	60.97	58.86	10.13	
-15	1	3	183.84	7.96	175.29	-14.12	
-13	1	3	122.18	5.64	113.12	49.97	
-11	1	3	19.31	20.45	18.01	-0.49	
-9	1	3	121.47	15.62	7.00	-112.01	
-7	1	3	52.33	17.00	42.62	32.36	
-5	1	3	56.49	37.81	28.06	53.29	
-3	1	3	59.72	26.29	33.07	-50.07	
-1	1	3	10.99	25.06	-3.36	-9.46	
1	1	3	14.47	22.95	15.47	7.66	
3	1	3	35.04	30.57	23.04	-27.65	
5	1	3	53.11	23.71	19.93	-42.02	
-40	2	3	32.50	64.47	4.06	25.33	
-38	2	3	40.28	62.48	37.40	-3.48	
-36	2	3	144.67	38.94	-8.99	140.84	
-34	2	3	184.25	26.26	168.69	-27.73	
-32	2	3	74.96	56.33	-0.20	-81.75	
-16	2	3	115.41	9.78	102.00	-5.75	
-14	2	3	198.56	5.23	176.58	79.26	
-12	2	3	1124.97	2.98	202.71	1068.37	
-10	2	3	411.42	12.54	342.95	-224.64	
-8	2	3	692.78	3.41	-100.12	-660.97	
-6	2	3	653.45	5.61	628.17	1.28	
-4	2	3	184.60	12.55	134.83	73.16	
-2	2	3	241.56	5.02	187.16	-143.71	
0	2	3	261.20	15.57	19.01	-247.46	
2	2	3	151.59	12.96	-136.21	41.58	
4	2	3	493.36	6.31	87.77	470.05	
6	2	3	625.71	7.32	599.01	-106.49	
-39	3	3	22.76	64.27	-26.77	17.30	
-37	3	3	84.19	62.35	-33.32	76.74	

-35	3	3	65.56	61.12	17.86	-67.50
-33	3	3	106.24	45.52	82.20	-80.15
-31	3	3	186.62	24.04	-34.09	174.76
-29	3	3	92.22	47.34	-9.76	84.89
-27	3	3	97.95	40.38	83.48	-61.66
-25	3	3	111.53	31.45	11.18	-108.26
-23	3	3	106.39	31.65	-57.38	-88.75
-21	3	3	133.05	23.74	-92.07	99.75
-19	3	3	39.25	45.22	-3.52	-49.19
-17	3	3	263.53	18.09	38.74	-248.25
-15	3	3	223.55	4.87	-131.10	174.24
-13	3	3	76.35	36.91	-76.82	-48.06
-11	3	3	184.62	143.64	0.06	-174.06
-9	3	3	143.13	23.22	7.46	-139.56
-7	3	3	75.80	23.17	-69.25	28.89
-5	3	3	97.69	9.18	-40.16	85.39
-3	3	3	30.67	40.90	-20.45	20.44
-1	3	3	50.66	22.22	-9.50	45.68
1	3	3	101.44	30.02	-64.17	-77.12
3	3	3	50.24	29.14	-20.63	-41.54
5	3	3	69.59	13.31	-44.50	55.03
7	3	3	180.60	95.06	-141.76	105.66
-40	4	3	266.93	27.36	229.17	-106.77
-38	4	3	67.42	67.48	-10.85	-60.09
-36	4	3	71.07	61.95	-2.44	62.25
-34	4	3	81.45	59.88	-62.56	-54.51
-32	4	3	179.76	27.45	-170.75	-10.91
-30	4	3	121.55	37.74	118.22	-31.39
-28	4	3	276.28	18.85	267.69	-13.13
-26	4	3	112.00	36.75	-71.71	-92.64
-24	4	3	293.04	17.78	-249.19	156.78
-22	4	3	359.52	10.67	-78.64	-333.08
-20	4	3	696.40	11.70	-616.15	243.95
-18	4	3	412.67	11.04	-144.95	-376.62
-16	4	3	431.55	4.91	401.44	-137.77
-14	4	3	108.22	10.36	53.41	81.23
-12	4	3	414.24	9.93	336.19	-193.46
-10	4	3	73.19	12.92	-50.64	-53.16
-8	4	3	300.49	31.80	207.51	151.76
-6	4	3	424.33	5.02	-68.78	-406.04
-4	4	3	2479.62	8.97	2248.68	-807.09
-2	4	3	49.06	15.48	35.47	35.27
0	4	3	808.62	23.43	793.37	-66.59
2	4	3	93.48	12.99	77.62	-46.75
4	4	3	1582.39	211.86	-1465.49	411.71
6	4	3	1160.44	14.45	-278.16	-1073.58
8	4	3	758.53	6.53	705.56	-212.18
10	4	3	1054.66	5.34	-328.57	-966.63
12	4	3	532.13	7.64	504.18	-60.85
14	4	3	156.94	9.73	81.19	127.47
28	4	3	648.18	9.20	-550.00	291.11
30	4	3	136.24	23.06	96.04	79.85
32	4	3	193.32	17.78	152.69	-109.60
-39	5	3	8.10	69.38	1.76	-4.86

-37	5	3	48.17	67.05	-32.65	-47.85
-35	5	3	84.89	64.29	-25.02	77.08
-33	5	3	200.76	26.23	201.56	36.38
-31	5	3	33.66	59.57	30.42	-8.38
-29	5	3	56.49	57.31	-46.19	9.23
-27	5	3	142.58	28.86	144.45	17.13
-25	5	3	120.91	34.51	112.31	64.51
-23	5	3	62.00	49.57	-18.35	59.06
-21	5	3	9.87	51.05	-6.57	8.23
-19	5	3	33.73	50.74	24.05	46.59
-17	5	3	293.69	18.55	105.35	277.95
-15	5	3	133.52	14.64	118.36	-5.47
-13	5	3	73.28	15.32	-54.14	53.55
-11	5	3	226.51	82.13	37.85	219.82
-9	5	3	161.82	6.47	158.74	-34.51
-7	5	3	99.89	9.99	35.10	91.72
-5	5	3	120.63	7.98	88.67	81.20
-3	5	3	196.10	7.38	153.05	116.40
-1	5	3	206.70	8.28	190.98	52.46
1	5	3	43.48	39.54	44.99	-13.17
3	5	3	194.53	172.31	51.99	180.86
5	5	3	106.22	11.42	90.69	41.25
7	5	3	26.75	29.23	20.92	19.61
9	5	3	353.30	14.78	200.28	283.27
11	5	3	132.28	16.09	129.28	-2.40
13	5	3	42.26	35.95	-1.44	31.79
15	5	3	150.02	15.78	78.59	117.82
17	5	3	187.30	11.75	179.09	52.47
19	5	3	260.51	10.22	147.76	210.75
21	5	3	121.19	17.79	39.63	104.67
23	5	3	30.42	42.31	-29.73	3.53
25	5	3	155.00	17.97	130.89	83.42
27	5	3	100.00	30.25	25.91	106.46
29	5	3	72.19	43.10	-63.90	-11.62
31	5	3	55.09	49.81	27.24	38.71
-38	6	3	33.97	68.83	2.17	33.92
-36	6	3	162.55	41.07	-126.69	-103.67
-34	6	3	353.76	21.44	275.33	-204.81
-32	6	3	77.85	62.53	73.41	43.42
-30	6	3	192.01	27.36	132.62	-113.62
-28	6	3	145.97	32.87	50.90	118.29
-26	6	3	262.06	20.40	221.36	-133.89
-24	6	3	576.06	12.34	265.80	493.36
-22	6	3	126.23	38.04	-115.85	44.02
-20	6	3	193.72	22.56	-149.67	-81.57
-18	6	3	822.51	11.55	699.44	-389.90
-16	6	3	345.39	14.99	269.11	212.10
-14	6	3	856.84	4.85	675.37	-469.13
-12	6	3	334.54	5.35	-141.99	-293.97
-10	6	3	881.05	6.14	750.31	-384.53
-8	6	3	590.56	4.88	253.54	513.10
-6	6	3	560.35	4.72	390.09	-375.29
-4	6	3	129.09	36.41	-129.63	-38.52
-2	6	3	316.44	4.55	300.31	-59.03

0	6	3	1423.51	8.27	621.66	1220.72
2	6	3	816.50	16.04	578.43	-541.24
4	6	3	170.26	8.41	-100.15	-132.80
6	6	3	1151.15	95.31	-911.41	630.76
8	6	3	321.49	6.41	201.41	238.48
10	6	3	418.82	12.00	263.35	-320.87
12	6	3	320.51	8.78	88.77	287.78
14	6	3	157.40	19.24	149.10	30.71
16	6	3	1032.82	6.69	414.51	898.84
18	6	3	513.30	9.41	328.28	-379.49
20	6	3	95.63	27.74	-76.06	25.27
22	6	3	155.52	20.54	3.62	150.29
24	6	3	129.33	21.77	79.34	-85.36
26	6	3	894.44	8.65	691.35	-509.65
28	6	3	60.00	49.95	-38.76	-35.97
-37	7	3	106.29	67.79	-78.40	-40.90
-33	7	3	26.80	68.92	-28.59	22.71
-31	7	3	63.82	65.43	9.64	-70.39
-29	7	3	186.88	31.73	-27.25	-174.34
-27	7	3	68.43	63.23	-56.40	50.10
-25	7	3	123.62	40.23	-117.27	58.81
-23	7	3	135.63	39.84	-6.75	-136.95
-21	7	3	202.90	25.34	-94.87	-167.80
-19	7	3	117.23	38.82	17.52	102.42
-17	7	3	114.58	47.25	-24.37	109.56
-15	7	3	111.82	40.94	5.80	-110.50
-13	7	3	103.53	16.33	-72.27	-75.04
-11	7	3	297.62	6.23	-278.77	-63.08
-9	7	3	119.09	14.81	-61.66	99.50
-7	7	3	41.49	24.61	-22.42	-37.12
-5	7	3	208.76	9.15	-187.65	-82.66
-3	7	3	13.77	24.84	-18.37	8.15
-1	7	3	169.89	5.57	-162.85	-25.61
1	7	3	89.17	21.98	50.53	66.63
3	7	3	350.11	7.37	-311.23	-137.37
5	7	3	147.74	6.87	-141.60	-34.31
7	7	3	61.08	11.63	-23.45	-58.93
9	7	3	141.12	11.51	-142.53	11.93
11	7	3	139.24	19.64	-107.66	93.03
13	7	3	258.46	23.07	-137.16	-214.98
15	7	3	203.30	16.28	-40.11	-199.39
17	7	3	127.27	25.59	-102.20	67.73
19	7	3	83.13	38.51	-66.74	47.76
21	7	3	274.37	12.71	-158.41	-212.07
23	7	3	6.03	48.25	0.15	-18.84
25	7	3	138.93	28.48	-40.61	133.27
27	7	3	133.11	28.18	-119.72	-54.50
-36	8	3	80.70	75.27	-67.80	22.96
-34	8	3	69.37	70.89	47.14	51.09
-32	8	3	173.36	41.99	-31.37	150.90
-28	8	3	397.11	19.99	232.76	-297.82
-26	8	3	76.93	64.72	57.55	49.03
-24	8	3	280.92	22.08	-175.64	211.70
-22	8	3	356.08	14.87	95.94	330.16

-20	8	3	374.13	17.50	-272.72	242.08
-18	8	3	217.87	23.58	138.81	156.50
-16	8	3	696.31	13.74	570.40	-343.52
-14	8	3	204.47	25.30	-199.37	-45.94
-12	8	3	389.03	21.04	352.60	-67.51
-10	8	3	72.99	17.85	50.12	45.19
-8	8	3	1491.82	5.12	-1176.19	821.11
-6	8	3	534.03	5.36	-396.20	-320.81
-4	8	3	872.44	6.20	683.78	-500.54
-2	8	3	700.38	5.34	-457.47	-500.73
0	8	3	794.90	12.01	501.49	-552.37
2	8	3	371.73	3.56	115.43	339.53
4	8	3	518.35	11.84	458.51	-226.64
6	8	3	531.41	4.32	208.79	468.24
8	8	3	651.52	18.18	530.17	-325.48
10	8	3	150.35	4.90	54.49	136.06
12	8	3	871.67	6.22	630.15	-565.33
14	8	3	108.67	31.79	0.54	102.19
16	8	3	725.70	14.53	-497.49	485.13
18	8	3	53.28	51.64	16.88	42.71
20	8	3	169.23	25.56	49.45	-149.93
22	8	3	293.59	16.39	-221.65	-182.38
24	8	3	191.82	22.76	121.97	105.16
-31	9	3	45.58	72.67	-29.02	-6.92
-29	9	3	78.59	69.87	29.59	80.38
-27	9	3	49.37	68.85	48.11	21.37
-25	9	3	99.67	65.46	-103.53	-28.87
-23	9	3	207.41	34.05	-7.12	204.68
-21	9	3	149.23	41.78	146.07	-27.45
-19	9	3	70.66	66.05	59.16	43.22
-17	9	3	44.99	63.37	-29.92	-42.11
-15	9	3	139.60	35.82	116.32	81.47
-13	9	3	79.03	55.07	79.01	13.96
-11	9	3	89.75	12.87	14.97	92.08
-9	9	3	59.37	18.62	-49.73	45.42
-7	9	3	55.54	17.46	-36.59	38.78
-5	9	3	185.29	8.66	123.84	127.90
-3	9	3	82.70	11.37	82.18	-2.11
-1	9	3	72.33	11.16	0.60	80.53
1	9	3	78.80	8.84	-30.90	74.06
3	9	3	52.93	12.98	-49.51	11.90
5	9	3	106.68	7.07	107.55	15.50
7	9	3	151.99	6.88	97.49	113.27
9	9	3	62.49	12.55	-10.71	66.24
11	9	3	80.55	7.62	77.95	29.74
13	9	3	44.53	47.86	30.06	-24.80
15	9	3	192.78	19.02	-62.17	178.62
17	9	3	14.58	55.79	-12.96	-14.97
19	9	3	50.86	58.78	-17.51	-46.58
21	9	3	237.67	21.75	168.54	164.90
-36	10	3	160.03	57.69	104.75	116.98
-34	10	3	129.70	68.06	-63.87	114.01
-32	10	3	80.51	78.91	-72.94	3.56
-30	10	3	444.20	21.22	189.32	-386.28

-28	10	3	144.73	51.85	15.98	-137.34
-26	10	3	130.44	56.27	50.56	-101.91
-24	10	3	138.92	49.09	-93.20	-110.61
-22	10	3	581.10	20.59	224.04	-513.88
-20	10	3	386.02	19.64	327.57	182.16
-18	10	3	101.19	58.34	-24.91	-89.00
-16	10	3	323.53	16.73	-243.66	-197.09
-14	10	3	212.54	24.09	-163.45	-118.23
-12	10	3	592.14	11.72	447.44	355.61
-10	10	3	417.20	10.37	-393.05	128.64
-8	10	3	97.81	10.95	-64.67	-75.80
-6	10	3	586.38	6.62	-423.13	371.81
-4	10	3	242.37	37.43	280.93	27.81
-2	10	3	321.56	10.10	-104.25	-293.11
0	10	3	634.70	5.83	-414.73	-460.80
2	10	3	197.30	10.95	-170.16	93.96
4	10	3	1099.16	10.07	774.09	712.80
6	10	3	348.93	19.09	-214.17	-289.08
8	10	3	241.45	6.60	143.76	173.57
10	10	3	603.09	4.96	-323.65	486.30
12	10	3	317.45	17.03	302.01	77.34
14	10	3	791.00	14.04	227.83	-736.68
16	10	3	297.59	13.04	-184.79	-227.62
18	10	3	550.98	14.04	-260.23	462.38
20	10	3	264.54	23.64	235.13	122.21
-33	11	3	111.29	51.19	-18.66	-108.54
-31	11	3	39.51	74.72	18.52	31.10
-29	11	3	66.44	74.84	34.67	43.71
-27	11	3	127.62	56.58	0.81	-124.34
-25	11	3	37.96	70.17	-24.45	-19.19
-21	11	3	52.73	66.12	40.49	-3.12
-19	11	3	155.22	36.01	11.56	-147.55
-17	11	3	242.21	22.95	-89.24	-219.75
-15	11	3	63.42	59.40	19.43	-53.05
-13	11	3	60.99	58.35	-37.25	52.67
-11	11	3	271.34	14.48	81.86	-246.45
-9	11	3	203.64	17.19	-161.81	-110.13
-7	11	3	84.41	13.18	3.92	-85.35
-5	11	3	147.64	12.73	99.83	-114.20
-3	11	3	57.13	17.84	36.48	-51.30
-1	11	3	160.92	9.78	-3.68	-157.62
1	11	3	243.13	10.28	-229.23	-69.81
3	11	3	186.15	8.57	137.25	-119.64
5	11	3	80.11	10.29	-28.74	-69.48
7	11	3	89.44	6.91	-80.65	-30.58
9	11	3	181.54	11.29	36.39	-174.41
11	11	3	84.11	55.62	-46.97	-64.77
13	11	3	141.95	28.75	104.86	78.49
15	11	3	235.31	18.95	-217.39	-86.31
17	11	3	137.09	30.74	-92.88	-90.73
-34	12	3	98.70	76.40	60.66	74.71
-32	12	3	121.03	67.68	-98.34	65.88
-30	12	3	147.60	52.82	-80.61	-111.93
-28	12	3	137.53	54.26	114.59	-22.97

-26	12	3	140.69	46.01	-135.16	-13.81
-24	12	3	107.88	56.41	42.60	-89.53
-22	12	3	155.89	37.71	137.66	60.50
-20	12	3	505.03	15.89	-140.90	456.91
-18	12	3	299.27	19.69	-278.95	-94.63
-16	12	3	462.56	19.08	153.40	-416.56
-14	12	3	509.84	15.54	-385.41	-293.15
-12	12	3	434.40	9.86	-241.83	347.28
-10	12	3	361.80	26.07	188.68	290.32
-8	12	3	225.03	22.97	153.97	-157.33
-6	12	3	405.88	13.03	315.80	227.63
-4	12	3	268.49	12.73	232.56	-109.44
-2	12	3	481.01	9.61	-426.39	-167.89
0	12	3	653.09	7.50	344.78	-528.48
2	12	3	271.29	7.33	-207.16	-163.67
4	12	3	767.97	6.40	-406.45	614.34
6	12	3	237.68	6.32	-183.87	-135.54
8	12	3	889.10	137.56	372.88	-765.31
10	12	3	695.12	103.65	-573.02	-343.22
12	12	3	250.41	21.11	167.94	-159.30
-31	13	3	50.19	70.58	51.13	-0.36
-29	13	3	63.81	70.62	-54.80	26.29
-27	13	3	117.01	56.37	110.30	55.61
-25	13	3	90.34	66.52	86.57	-9.46
-23	13	3	46.31	63.55	42.90	16.35
-21	13	3	59.45	63.47	-51.05	35.31
-19	13	3	58.73	61.40	-37.72	-29.52
-17	13	3	194.11	28.96	113.89	154.82
-15	13	3	108.27	33.64	59.87	-84.26
-13	13	3	8.23	45.14	1.00	7.97
-11	13	3	214.85	26.77	40.58	204.84
-9	13	3	88.38	54.10	46.97	-72.17
-7	13	3	122.66	41.72	116.66	-24.65
-5	13	3	49.30	58.74	1.75	45.57
-3	13	3	122.34	24.89	103.58	-42.82
-1	13	3	71.42	28.75	64.84	28.77
1	13	3	87.38	24.12	83.99	17.52
3	13	3	106.30	17.31	-26.40	98.39
5	13	3	66.86	31.46	-1.58	63.80
7	13	3	73.35	61.15	48.26	-63.87
9	13	3	194.08	28.70	192.34	0.62
11	13	3	156.18	30.20	142.87	56.33
13	13	3	91.54	50.72	-0.97	88.37
15	13	3	84.49	66.50	40.09	65.84
-30	14	3	68.67	70.36	-2.62	66.15
-28	14	3	207.85	33.92	-172.18	-108.34
-26	14	3	158.27	40.23	-139.43	-7.50
-24	14	3	118.48	52.85	112.05	39.33
-22	14	3	86.86	65.12	71.74	-50.90
-20	14	3	260.89	25.70	-216.01	-129.04
-18	14	3	311.48	20.11	37.12	-303.41
-16	14	3	230.49	14.68	-32.94	-215.62
-14	14	3	111.19	42.40	49.51	-80.81
-12	14	3	377.59	15.72	-287.14	-237.61

-10	14	3	500.44	17.15	100.93	-468.18
-8	14	3	627.32	14.04	589.88	127.43
-6	14	3	307.31	18.15	78.08	-281.76
-4	14	3	239.86	26.96	-192.72	-136.72
-2	14	3	471.36	9.84	-108.11	436.13
0	14	3	356.10	9.79	347.75	6.01
2	14	3	149.93	15.29	-135.27	-69.81
4	14	3	402.20	14.07	-291.82	-267.67
6	14	3	335.33	20.35	96.37	311.58
8	14	3	202.85	27.15	149.66	-111.82
10	14	3	217.88	26.05	-145.01	-149.72
12	14	3	427.49	17.87	-360.34	-197.26
14	14	3	235.62	24.50	-33.47	229.26
16	14	3	209.31	26.89	199.61	44.59
18	14	3	220.13	33.42	-75.15	-197.85
-27	15	3	49.92	70.62	42.82	-12.86
-25	15	3	73.81	67.05	-1.33	69.00
-23	15	3	102.20	56.60	47.64	-91.50
-21	15	3	73.72	54.13	-64.63	-40.59
-19	15	3	67.36	51.00	22.26	63.37
-17	15	3	103.47	43.04	86.90	-31.55
-15	15	3	49.36	62.32	55.66	13.15
-13	15	3	29.68	62.20	-12.94	-34.76
-11	15	3	62.05	63.14	-49.95	39.06
-9	15	3	101.21	59.12	96.17	9.72
-7	15	3	52.99	61.09	5.00	-44.94
-5	15	3	20.06	64.89	-9.88	-22.26
-3	15	3	42.58	60.56	30.36	2.78
-1	15	3	128.76	26.27	99.01	76.22
1	15	3	183.29	21.54	139.96	-95.81
3	15	3	214.87	25.69	-151.68	144.13
5	15	3	58.01	64.15	18.71	-53.95
7	15	3	64.99	63.37	60.11	-12.44
9	15	3	56.24	62.56	23.04	50.76
11	15	3	100.93	59.44	46.23	-72.42
13	15	3	10.05	65.60	-11.19	6.39
15	15	3	118.33	46.22	105.20	-38.48
17	15	3	109.47	50.99	30.50	95.19
19	15	3	90.18	66.40	-81.21	31.10
21	15	3	80.83	71.73	20.92	-76.59
-26	16	3	93.79	48.56	-71.30	49.48
-24	16	3	192.13	23.13	15.84	188.10
-22	16	3	184.49	21.71	92.89	148.81
-20	16	3	83.53	67.74	-32.15	-71.21
-18	16	3	30.72	65.34	17.01	37.67
-16	16	3	189.94	32.64	108.68	140.66
-14	16	3	165.21	38.82	-74.90	140.32
-12	16	3	428.14	19.31	34.62	-408.95
-10	16	3	91.46	66.16	53.76	68.36
-8	16	3	290.31	26.46	44.73	269.96
-6	16	3	314.35	20.32	-306.66	18.80
-4	16	3	871.15	16.52	24.53	-835.36
-2	16	3	402.95	19.87	-384.68	-27.10
0	16	3	208.87	17.49	-7.55	199.25

2	16	3	215.80	25.52	37.30	214.37
4	16	3	402.22	18.91	33.52	-386.12
6	16	3	192.24	31.64	65.92	168.79
8	16	3	239.19	27.32	137.35	-187.65
10	16	3	295.54	25.67	-268.83	94.83
12	16	3	213.57	33.51	-44.52	-197.87
14	16	3	80.24	65.27	16.06	81.83
16	16	3	335.92	21.61	-81.09	307.50
18	16	3	64.72	67.29	-71.28	15.84
20	16	3	284.31	23.24	51.24	-264.62
22	16	3	189.31	38.32	-181.41	15.38
24	16	3	244.43	31.23	90.74	-209.18
26	16	3	90.11	75.68	-33.36	103.77
-27	17	3	66.77	74.60	-27.31	-53.78
-25	17	3	18.76	72.41	-25.32	-4.20
-23	17	3	118.85	55.63	12.47	115.70
-21	17	3	6.75	69.22	-3.77	-2.91
-19	17	3	63.20	67.62	54.74	-18.13
-17	17	3	131.91	49.50	-81.30	96.53
-15	17	3	107.96	59.53	94.10	-35.48
-13	17	3	54.99	67.70	51.53	17.54
-11	17	3	70.75	66.03	-63.44	11.74
-9	17	3	92.59	63.50	-11.30	86.62
-7	17	3	109.71	53.03	-71.77	74.67
-5	17	3	45.82	60.37	-5.55	40.72
-3	17	3	76.71	64.08	48.19	-61.80
-1	17	3	28.00	51.23	29.21	-2.56
1	17	3	171.27	21.12	-22.39	159.87
3	17	3	9.70	61.93	2.01	-18.36
5	17	3	35.83	63.46	-28.49	10.74
7	17	3	78.42	65.10	64.58	34.91
9	17	3	34.30	67.18	-33.60	0.25
11	17	3	36.59	67.53	-33.14	-26.17
13	17	3	71.81	67.34	41.16	-58.55
15	17	3	107.52	68.67	9.16	99.76
19	17	3	46.85	72.11	-49.51	-9.12
21	17	3	66.84	63.88	62.77	-21.01
23	17	3	38.80	71.25	32.65	-15.32
25	17	3	64.02	71.11	1.19	58.61
27	17	3	34.86	74.54	-12.24	28.72
-24	18	3	79.18	73.38	-75.93	-28.53
-22	18	3	276.22	31.78	-40.20	-259.56
-20	18	3	57.60	71.88	49.20	-33.44
-18	18	3	66.06	72.87	13.16	-59.63
-16	18	3	107.57	71.89	-98.29	-20.39
-14	18	3	203.49	32.38	-92.37	162.37
-12	18	3	246.79	27.89	243.32	24.67
-10	18	3	98.60	64.74	-7.25	-95.53
-8	18	3	386.01	18.25	-365.41	-57.91
-6	18	3	61.72	64.31	26.23	-60.99
-4	18	3	115.68	54.48	26.36	-102.16
-2	18	3	36.39	63.03	-34.07	-1.96
0	18	3	107.06	36.65	-104.80	-18.70
2	18	3	75.36	64.75	-10.94	-65.72

4	18	3	397.60	17.85	381.87	30.40
6	18	3	84.44	66.79	-69.71	16.42
8	18	3	98.31	68.73	-95.14	-4.49
10	18	3	216.80	32.55	91.84	190.50
12	18	3	328.69	22.06	323.05	-17.88
14	18	3	85.77	71.81	-47.66	-73.33
16	18	3	61.80	72.48	0.11	-68.65
18	18	3	93.05	74.26	78.14	49.56
20	18	3	33.58	73.76	8.50	-28.28
22	18	3	82.98	74.08	-59.50	-51.46
24	18	3	155.12	50.71	-142.47	-3.64
-21	19	3	38.90	76.47	22.53	27.44
-17	19	3	59.04	72.67	32.91	-44.36
-15	19	3	45.26	71.68	-40.91	-13.21
-13	19	3	41.11	70.92	11.50	37.54
-11	19	3	93.39	69.34	18.39	-89.80
-9	19	3	140.88	45.70	-97.45	89.46
-7	19	3	1.86	66.76	1.12	0.83
-3	19	3	26.88	62.72	-16.97	-4.71
-1	19	3	78.86	62.93	-49.43	-57.06
1	19	3	58.60	62.33	16.57	50.56
3	19	3	64.58	65.43	0.07	-56.78
5	19	3	61.15	65.95	25.56	53.65
7	19	3	102.48	60.56	-81.35	52.45
9	19	3	58.26	67.65	-40.39	-40.16
11	19	3	40.10	73.16	33.37	21.41
13	19	3	40.57	71.13	-19.24	-30.37
15	19	3	117.34	60.69	-97.43	62.54
17	19	3	30.14	71.81	-30.21	-5.01
19	19	3	13.06	76.19	9.95	-13.04
21	19	3	103.97	77.71	-41.31	90.66
-20	20	3	231.61	42.46	57.42	208.31
-18	20	3	51.40	72.42	-51.76	19.05
-16	20	3	294.26	29.28	-201.18	-195.63
-14	20	3	105.55	68.30	-88.52	37.82
-12	20	3	225.22	34.50	29.97	212.28
-10	20	3	109.21	64.99	46.97	95.95
-8	20	3	172.17	38.77	-168.00	-23.50
-6	20	3	87.69	67.73	-58.61	64.36
-4	20	3	132.15	47.67	51.15	115.43
-2	20	3	163.97	40.47	-116.95	99.71
2	20	3	100.55	59.23	92.19	-0.18
4	20	3	194.85	35.25	-21.44	178.03
6	20	3	205.73	33.90	-194.87	21.40
8	20	3	386.71	21.57	-184.81	-314.86
10	20	3	204.14	36.31	-189.92	18.04
12	20	3	100.90	73.76	-30.35	-93.36
14	20	3	99.86	74.95	64.01	86.58
16	20	3	94.71	75.08	-61.33	-69.07
18	20	3	100.21	77.05	90.44	33.40
20	20	3	73.09	77.37	-70.12	-1.29
-15	21	3	80.74	75.70	-25.88	-73.09
-13	21	3	46.46	75.03	-13.58	-41.44
-11	21	3	57.76	73.17	39.09	37.95

-7	21	3	45.89	68.86	0.88	-46.78
-5	21	3	22.11	68.74	12.28	-19.46
-3	21	3	86.87	67.77	16.28	-78.71
3	21	3	91.18	67.97	64.32	57.21
5	21	3	33.03	69.08	-11.14	-30.04
7	21	3	35.40	69.44	-32.81	-16.07
11	21	3	97.27	72.69	10.30	-88.04
13	21	3	67.76	73.34	16.46	59.91
15	21	3	33.24	76.50	-20.89	-29.87
-12	22	3	89.55	74.00	-89.66	-5.42
-10	22	3	75.68	73.01	-35.20	-54.45
-8	22	3	95.98	74.06	89.12	-24.59
-6	22	3	142.95	49.72	51.81	132.56
-4	22	3	94.21	68.81	-90.56	15.28
4	22	3	135.54	47.74	-130.61	-24.96
6	22	3	70.39	71.75	53.59	36.04
8	22	3	65.95	72.48	-10.57	-51.02
10	22	3	85.25	74.10	40.76	74.55
12	22	3	146.32	52.09	-136.47	10.15
-38	0	4	5.35	54.22	-12.67	0.00
-18	0	4	32.59	24.08	-42.81	0.00
-16	0	4	1942.96	309.42	2099.08	0.00
-14	0	4	30.69	22.58	32.56	0.00
-12	0	4	1129.77	179.14	1223.97	0.00
-10	0	4	77.61	12.34	83.58	0.00
-4	0	4	238.53	37.98	262.83	0.00
-2	0	4	13.97	27.72	17.91	0.00
0	0	4	283.98	48.67	308.33	0.00
2	0	4	31.56	28.36	-29.73	0.00
4	0	4	374.19	61.34	-400.74	0.00
-39	1	4	29.36	54.98	-26.38	6.10
-37	1	4	71.00	53.82	-56.94	15.06
-35	1	4	56.22	51.10	38.88	43.46
-19	1	4	44.97	23.46	29.50	-40.28
-17	1	4	113.08	12.30	107.44	50.86
-15	1	4	76.29	8.72	-34.75	-69.09
-13	1	4	118.30	13.20	-104.14	-58.47
-11	1	4	142.32	14.62	17.14	145.64
-9	1	4	30.08	26.88	32.69	-0.40
-7	1	4	180.04	10.32	-14.53	-192.39
-5	1	4	142.47	10.18	-94.82	105.70
-3	1	4	52.01	27.48	8.24	54.80
-1	1	4	50.07	12.57	-39.71	36.22
1	1	4	23.97	23.11	-7.21	-24.44
3	1	4	83.31	9.24	13.99	84.64
5	1	4	72.89	13.79	-28.87	64.58
-38	2	4	104.22	41.57	-56.15	-80.16
-36	2	4	103.53	41.70	-8.35	104.31
-34	2	4	123.57	30.54	106.56	87.63
-32	2	4	253.05	16.06	69.59	265.92
-30	2	4	216.23	14.64	185.84	-116.76
-18	2	4	177.61	18.23	155.98	71.39
-16	2	4	207.73	23.85	39.59	216.53
-14	2	4	133.31	14.60	109.55	-82.32

-12	2	4	232.54	26.42	29.80	251.53
-10	2	4	786.43	86.45	-826.77	153.32
-8	2	4	1182.32	131.65	146.28	1264.47
-6	2	4	167.43	12.69	182.56	7.86
-4	2	4	77.74	24.21	23.98	-100.18
-2	2	4	58.99	20.79	-54.74	35.96
0	2	4	97.88	7.30	10.63	104.05
2	2	4	315.64	6.55	334.11	-67.68
4	2	4	140.90	12.19	-78.02	94.31
6	2	4	222.75	6.80	228.72	28.68
-39	3	4	49.03	56.35	6.83	-49.61
-37	3	4	59.83	55.92	38.52	-59.60
-35	3	4	54.44	55.00	-62.09	-13.72
-33	3	4	13.51	53.74	-31.31	-1.16
-31	3	4	73.52	48.65	75.00	-5.39
-29	3	4	33.30	48.68	8.29	-29.83
-27	3	4	57.18	45.56	67.91	7.23
-25	3	4	180.76	17.04	-113.57	140.38
-23	3	4	133.74	19.97	59.07	-120.92
-21	3	4	74.97	38.05	92.33	11.73
-19	3	4	124.81	15.52	42.92	117.30
-17	3	4	94.40	17.78	-109.99	-7.40
-15	3	4	80.24	8.12	72.49	-30.63
-13	3	4	74.79	10.42	35.51	-67.05
-11	3	4	47.05	12.73	-18.42	-48.64
-9	3	4	75.42	14.88	-61.51	44.29
-7	3	4	89.68	16.51	88.81	24.88
-5	3	4	65.80	35.57	65.09	-27.69
-3	3	4	64.33	11.29	61.50	30.79
-1	3	4	37.39	12.59	19.99	-30.64
1	3	4	74.95	21.62	-51.88	-56.84
3	3	4	51.09	26.61	51.73	16.56
5	3	4	175.83	10.44	7.62	-184.89
7	3	4	48.48	199.12	54.70	15.49
-38	4	4	92.23	52.95	-25.70	102.81
-36	4	4	162.83	29.31	-167.23	55.18
-34	4	4	180.90	23.84	73.44	180.91
-32	4	4	182.15	24.34	168.86	-97.68
-30	4	4	108.65	34.69	-96.15	-88.31
-28	4	4	219.27	19.39	228.08	-51.13
-26	4	4	53.98	48.11	-11.92	67.16
-24	4	4	128.92	29.90	61.60	-128.53
-22	4	4	248.32	12.76	65.52	252.26
-20	4	4	139.60	24.72	149.42	49.08
-18	4	4	33.54	26.22	2.39	-35.96
-16	4	4	367.84	39.39	276.74	-279.17
-14	4	4	308.51	33.54	-158.41	-289.34
-12	4	4	495.75	54.13	-500.55	159.36
-10	4	4	607.73	66.53	212.42	611.87
-8	4	4	600.68	57.38	499.88	-414.53
-6	4	4	875.05	95.10	259.05	897.51
-4	4	4	2619.42	290.07	2669.84	-883.47
-2	4	4	133.46	10.51	1.09	139.87
0	4	4	131.82	8.24	123.44	-101.12

2	4	4	413.73	21.54	182.04	408.31
4	4	4	181.65	8.55	-13.67	-170.61
6	4	4	353.05	20.98	29.17	369.85
8	4	4	813.01	53.52	-826.18	271.85
10	4	4	88.25	11.15	89.11	-2.60
12	4	4	401.92	5.10	-407.15	-61.79
28	4	4	129.58	19.76	80.39	-101.39
30	4	4	77.04	28.60	-57.61	51.42
-39	5	4	36.81	64.27	11.66	36.82
-37	5	4	32.37	60.71	28.08	11.59
-35	5	4	62.20	57.97	-34.27	66.22
-33	5	4	61.29	55.38	-59.30	-26.14
-31	5	4	39.67	52.31	-19.37	-32.59
-29	5	4	62.64	52.77	63.23	28.10
-27	5	4	74.31	49.02	-56.85	48.76
-25	5	4	65.82	49.72	-19.11	-77.12
-23	5	4	109.28	29.29	70.63	91.28
-21	5	4	34.82	43.80	-8.50	-24.81
-19	5	4	234.10	15.84	-88.72	-230.05
-17	5	4	196.32	16.09	-191.53	66.59
-15	5	4	72.60	16.74	-75.18	-20.95
-13	5	4	50.27	12.05	9.13	-52.80
-11	5	4	165.36	15.90	-167.58	32.65
-9	5	4	209.53	22.23	-182.08	-129.57
-7	5	4	23.34	25.85	7.77	21.11
-5	5	4	77.87	13.37	-29.64	-78.20
-3	5	4	148.20	17.28	-119.76	-101.61
-1	5	4	72.35	105.15	-81.68	-5.12
1	5	4	106.35	76.03	-117.31	-20.88
3	5	4	107.08	34.18	-83.46	-71.52
5	5	4	110.65	13.11	-62.62	-95.46
7	5	4	54.57	15.95	52.92	14.74
9	5	4	143.96	10.40	-108.74	97.46
11	5	4	176.83	7.76	-136.28	-121.00
13	5	4	125.65	10.74	54.28	-111.26
15	5	4	23.41	32.77	13.86	24.92
17	5	4	137.61	14.14	-110.85	-90.19
19	5	4	67.74	23.25	-27.62	-62.66
21	5	4	51.84	33.31	3.32	-54.41
23	5	4	99.44	18.69	93.78	-6.93
25	5	4	109.43	18.40	-87.50	-67.57
27	5	4	144.58	16.15	-152.43	22.08
-38	6	4	111.05	53.10	113.38	-20.29
-36	6	4	38.34	60.99	36.45	13.82
-34	6	4	228.34	25.41	190.13	-146.46
-32	6	4	290.46	20.25	-99.24	-297.31
-30	6	4	71.27	54.37	58.33	7.70
-28	6	4	105.01	37.32	102.64	27.19
-26	6	4	225.06	18.14	-236.85	11.49
-24	6	4	115.16	32.03	-0.69	112.53
-22	6	4	258.45	16.24	-189.43	193.52
-20	6	4	358.89	11.28	189.64	336.95
-18	6	4	63.62	19.06	18.74	-66.09
-16	6	4	567.60	62.06	-181.97	-569.49

-14	6	4	1013.90	108.98	-883.10	608.77
-12	6	4	136.90	13.45	-71.99	-130.29
-10	6	4	398.61	41.19	327.50	-272.70
-8	6	4	397.78	43.56	-143.70	-400.01
-6	6	4	165.03	17.90	168.33	25.80
-4	6	4	180.64	19.04	66.97	179.27
-2	6	4	656.80	70.37	509.81	-471.40
0	6	4	460.71	49.35	-157.62	-460.08
2	6	4	901.85	15.24	-789.29	582.34
4	6	4	76.70	15.64	64.08	43.60
6	6	4	1062.71	7.97	946.46	-646.17
8	6	4	488.78	15.04	-115.49	-521.66
10	6	4	181.71	7.67	-59.54	177.37
12	6	4	55.08	37.49	31.87	-51.51
14	6	4	237.01	12.73	-223.24	-62.25
16	6	4	154.57	14.09	-121.77	-72.23
18	6	4	118.30	16.01	104.74	66.94
20	6	4	228.44	9.28	124.91	198.89
22	6	4	557.00	6.91	410.21	-428.43
24	6	4	253.51	11.12	-71.81	-261.41
-31	7	4	65.02	59.67	22.18	51.96
-29	7	4	45.51	58.39	3.62	41.44
-27	7	4	65.88	57.18	57.20	-39.11
-25	7	4	97.99	43.31	60.20	-98.02
-23	7	4	46.60	55.02	-27.12	-54.35
-21	7	4	95.18	42.18	42.67	80.64
-19	7	4	75.88	52.59	71.29	45.61
-17	7	4	131.89	12.03	136.39	-33.58
-15	7	4	93.73	18.14	61.10	81.35
-13	7	4	190.37	19.72	36.40	197.09
-11	7	4	114.98	12.17	50.95	-102.38
-9	7	4	216.95	21.51	207.88	108.84
-7	7	4	16.34	25.40	-13.12	14.62
-5	7	4	191.46	18.59	175.89	84.23
-3	7	4	165.15	17.35	154.99	88.62
-1	7	4	59.82	24.93	60.30	24.35
1	7	4	138.67	15.41	146.69	23.75
3	7	4	76.74	13.20	-73.16	-38.51
5	7	4	209.87	18.68	200.04	98.91
7	7	4	59.96	25.53	57.07	25.02
9	7	4	109.30	9.92	115.73	-5.68
11	7	4	188.94	10.75	192.83	-41.11
13	7	4	94.79	26.41	-0.76	97.40
15	7	4	113.84	20.15	117.94	-9.37
17	7	4	131.04	24.48	-61.21	-108.08
19	7	4	45.13	40.65	55.50	3.73
21	7	4	129.78	21.79	137.10	-25.15
23	7	4	87.13	31.38	69.71	40.49
-38	8	4	8.91	69.61	-10.49	10.36
-36	8	4	9.84	65.85	8.84	7.18
-34	8	4	52.80	66.45	-36.26	-51.18
-32	8	4	99.49	56.87	92.64	-50.81
-30	8	4	67.93	60.22	57.88	-35.67
-28	8	4	99.98	49.92	-93.37	-9.92

-26	8	4	82.45	58.92	-105.30	-1.38
-24	8	4	90.59	51.70	-56.71	77.23
-22	8	4	198.10	24.25	182.39	106.80
-20	8	4	398.25	13.61	164.76	-401.63
-18	8	4	136.78	36.39	-109.30	-105.99
-16	8	4	879.20	96.37	789.21	-491.84
-14	8	4	95.19	13.70	92.67	30.08
-12	8	4	194.12	13.45	-95.67	-155.72
-10	8	4	11.38	28.44	5.04	-6.17
-8	8	4	748.60	82.27	641.08	-474.16
-6	8	4	798.77	83.18	-433.37	-716.89
-4	8	4	262.12	17.68	-47.83	-266.65
-2	8	4	622.67	67.77	-314.64	-577.22
0	8	4	688.71	75.91	-663.73	325.28
2	8	4	101.04	11.09	100.13	23.40
4	8	4	320.99	36.84	-285.73	192.07
6	8	4	164.66	17.45	164.57	35.49
8	8	4	1557.11	7.41	1289.85	-1076.32
10	8	4	79.83	14.26	-40.83	66.52
12	8	4	319.06	11.91	-244.58	238.34
14	8	4	510.81	10.44	390.22	384.27
16	8	4	418.00	10.99	-423.74	101.11
18	8	4	98.89	30.74	-59.29	-98.43
20	8	4	57.22	48.04	-46.94	31.03
-35	9	4	38.63	66.82	13.86	37.85
-33	9	4	36.88	68.89	9.63	54.43
-29	9	4	108.83	52.87	-81.37	72.82
-27	9	4	48.93	62.06	-23.14	-46.65
-23	9	4	80.19	63.42	-63.18	52.52
-21	9	4	113.81	47.01	-108.72	-64.61
-19	9	4	59.34	57.96	55.31	22.09
-17	9	4	25.99	54.84	33.96	10.74
-15	9	4	45.85	34.16	36.44	26.95
-13	9	4	65.56	18.90	0.60	-67.14
-11	9	4	28.15	29.56	10.17	25.25
-9	9	4	123.77	12.23	68.51	-106.48
-7	9	4	157.30	17.04	-58.44	-154.65
-5	9	4	109.88	12.51	-26.91	109.92
-3	9	4	57.40	15.30	64.95	-3.61
-1	9	4	73.93	11.99	-2.31	-78.15
1	9	4	51.40	16.99	-4.61	-55.33
3	9	4	47.39	16.53	40.11	28.79
5	9	4	44.19	16.42	-42.27	-13.53
7	9	4	79.32	9.97	54.15	-60.46
9	9	4	91.04	10.45	56.97	-73.63
11	9	4	98.41	9.95	99.83	7.39
13	9	4	64.28	43.25	-69.77	9.87
15	9	4	107.90	29.74	-106.74	-17.67
17	9	4	78.79	36.64	20.19	-71.44
-36	10	4	104.75	70.95	-102.80	-18.37
-34	10	4	78.67	70.37	66.93	-62.14
-32	10	4	59.82	68.53	65.60	21.64
-30	10	4	37.63	67.01	36.20	-29.24
-28	10	4	49.84	67.12	-38.82	-2.09

-26	10	4	89.17	63.61	66.60	65.59
-24	10	4	82.67	64.62	68.35	58.84
-22	10	4	526.11	14.89	421.83	-376.18
-20	10	4	405.45	14.69	-295.16	-313.21
-18	10	4	175.20	24.57	180.82	-43.98
-16	10	4	419.43	12.09	328.24	301.81
-14	10	4	172.27	18.31	85.30	-155.29
-12	10	4	248.36	21.05	106.27	239.48
-10	10	4	579.10	63.00	-179.82	587.51
-8	10	4	124.77	17.68	-94.67	44.70
-6	10	4	641.76	69.50	451.51	-504.48
-4	10	4	590.21	64.14	-422.99	-449.27
-2	10	4	754.58	81.76	-222.70	765.29
0	10	4	372.82	41.36	257.14	305.12
2	10	4	494.74	53.77	292.52	-425.83
4	10	4	152.01	12.92	-168.39	-20.35
6	10	4	389.82	42.92	401.95	-101.29
8	10	4	150.86	24.51	-104.42	49.78
10	10	4	1141.60	125.14	719.05	-959.50
12	10	4	50.77	35.46	37.91	40.81
14	10	4	342.57	11.61	342.65	-99.39
-35	11	4	24.19	71.09	-22.42	19.12
-33	11	4	63.04	69.24	21.04	61.35
-31	11	4	51.82	68.19	23.25	53.28
-29	11	4	19.56	67.68	26.05	-15.77
-27	11	4	62.91	63.50	18.38	58.46
-25	11	4	120.43	44.36	-38.79	118.99
-23	11	4	61.72	59.31	-45.87	-38.86
-21	11	4	82.35	59.12	43.09	81.71
-19	11	4	106.39	39.33	-17.39	107.18
-17	11	4	189.11	20.55	150.11	120.07
-15	11	4	91.07	42.58	97.18	33.82
-13	11	4	79.54	47.21	-74.46	-9.75
-11	11	4	60.96	19.54	41.80	54.16
-9	11	4	178.48	16.18	-82.16	170.13
-7	11	4	148.15	13.93	136.25	65.59
-5	11	4	93.44	12.56	47.87	87.96
-3	11	4	75.45	15.30	5.73	81.88
-1	11	4	128.65	13.75	96.40	87.20
1	11	4	178.97	17.80	-73.12	174.96
3	11	4	67.99	11.73	75.62	-4.69
5	11	4	187.34	18.15	-146.12	137.36
7	11	4	122.36	21.58	106.73	76.83
9	11	4	51.02	13.90	35.18	40.66
11	11	4	119.69	12.45	22.33	118.14
-34	12	4	63.12	68.58	62.14	-16.35
-32	12	4	107.52	63.56	-105.47	24.97
-30	12	4	80.57	67.05	-96.99	41.53
-28	12	4	322.38	22.15	185.12	-295.78
-26	12	4	99.76	52.34	98.69	49.72
-24	12	4	65.88	59.59	-54.18	54.45
-22	12	4	138.44	32.41	-159.60	-27.23
-20	12	4	427.52	14.13	240.35	-391.17
-18	12	4	219.85	20.11	-132.20	-191.81

-16	12	4	192.26	20.72	-106.37	-164.75
-14	12	4	72.03	53.96	-82.99	-8.41
-12	12	4	93.66	30.37	-2.45	-101.13
-10	12	4	239.89	26.71	243.57	63.50
-8	12	4	247.34	7.62	-248.59	4.85
-6	12	4	205.17	22.06	-200.90	-68.70
-4	12	4	886.04	96.37	547.13	-753.44
-2	12	4	314.89	34.04	240.49	226.30
0	12	4	120.13	18.22	-88.85	-53.40
2	12	4	591.86	64.03	514.63	350.74
4	12	4	120.84	15.98	-136.00	-13.91
6	12	4	510.29	55.38	-444.24	-315.39
8	12	4	150.37	10.58	-132.85	-73.74
10	12	4	419.91	31.12	-331.79	-304.56
12	12	4	148.81	25.92	-109.23	106.23
-33	13	4	32.51	64.82	-34.51	-10.39
-31	13	4	37.23	62.90	31.05	28.24
-29	13	4	13.61	62.83	18.92	-1.40
-27	13	4	67.42	61.03	56.94	41.94
-23	13	4	69.68	57.47	-29.49	66.93
-21	13	4	59.32	56.89	63.47	-9.39
-19	13	4	86.41	49.38	-54.29	-72.39
-17	13	4	37.17	55.03	-26.51	25.38
-15	13	4	81.56	52.84	-76.53	-44.51
-13	13	4	53.28	41.06	11.07	-53.99
-11	13	4	103.83	33.60	-104.96	-4.62
-9	13	4	73.61	51.90	-81.56	6.80
-7	13	4	39.34	32.36	-29.01	20.57
-5	13	4	134.52	13.45	-3.35	-136.83
-3	13	4	68.47	18.68	70.56	3.67
-1	13	4	38.87	24.29	-18.13	-38.39
1	13	4	65.89	14.69	-61.85	-33.27
3	13	4	92.59	11.82	-98.05	-19.53
5	13	4	117.32	12.73	26.04	-120.12
7	13	4	46.80	34.03	33.11	39.12
9	13	4	102.03	15.24	-6.12	107.25
11	13	4	198.96	22.01	-142.70	-154.30
13	13	4	43.59	52.68	-19.75	-39.42
15	13	4	65.19	55.35	62.51	11.56
-32	14	4	106.47	51.65	-107.08	-7.04
-30	14	4	122.73	42.89	-26.17	-126.89
-28	14	4	149.10	35.81	149.50	48.76
-26	14	4	9.75	60.08	-7.05	13.12
-24	14	4	116.60	40.92	-63.67	101.54
-22	14	4	285.98	16.85	-141.11	270.00
-20	14	4	65.84	55.20	-4.15	75.87
-18	14	4	59.97	46.55	-66.94	8.85
-16	14	4	115.85	22.85	-106.89	49.54
-14	14	4	211.81	21.06	5.09	224.63
-12	14	4	363.27	16.58	341.99	184.98
-10	14	4	181.55	25.36	14.72	-189.48
-8	14	4	142.97	28.67	-126.82	62.10
-6	14	4	226.53	19.51	-12.17	248.93
-4	14	4	385.31	12.89	305.24	272.89

-2	14	4	493.12	7.64	-15.56	-513.41
0	14	4	363.41	38.19	282.12	266.87
2	14	4	130.66	9.76	94.45	84.56
4	14	4	131.81	16.06	34.97	143.04
6	14	4	264.00	21.93	-26.90	-268.25
8	14	4	351.66	13.45	-337.92	-136.77
10	14	4	163.87	27.02	6.85	163.91
12	14	4	75.85	52.99	-43.57	74.90
14	14	4	249.17	19.70	23.86	-248.23
16	14	4	183.88	25.23	28.14	182.58
18	14	4	77.11	59.95	-76.05	-14.40
-29	15	4	83.54	62.40	76.90	-16.04
-27	15	4	57.15	60.14	-36.58	-46.26
-25	15	4	59.96	59.70	-56.57	3.49
-23	15	4	20.12	56.34	-11.03	19.37
-21	15	4	41.94	47.92	21.33	38.54
-19	15	4	84.19	34.03	47.48	-69.01
-17	15	4	44.81	43.67	-34.57	-35.32
-15	15	4	26.17	55.23	-20.10	22.15
-13	15	4	11.98	56.85	5.99	5.86
-11	15	4	123.75	38.35	-117.28	61.28
-9	15	4	37.10	55.83	0.85	-40.88
-7	15	4	112.27	38.25	-67.94	95.63
-5	15	4	117.40	40.48	115.15	-16.65
-3	15	4	100.82	21.68	21.59	-100.53
-1	15	4	124.75	15.66	-124.44	39.12
1	15	4	42.97	42.66	-31.82	-39.72
3	15	4	73.73	52.45	-35.76	65.90
5	15	4	9.86	55.71	-8.08	-7.37
7	15	4	33.83	56.07	-30.54	18.86
9	15	4	73.81	57.62	1.32	-83.54
11	15	4	20.30	59.30	12.08	-14.77
13	15	4	91.75	51.73	-40.90	84.84
15	15	4	106.88	43.67	-26.23	-115.72
17	15	4	103.65	46.13	-83.05	50.93
19	15	4	94.37	53.39	57.00	-81.91
21	15	4	51.26	63.69	42.69	-27.61
-28	16	4	77.07	59.90	-8.40	80.83
-26	16	4	112.56	41.17	-128.49	-26.05
-24	16	4	76.25	45.30	-69.66	-4.12
-22	16	4	129.02	24.28	92.87	-93.46
-20	16	4	289.80	12.07	-155.30	266.06
-18	16	4	239.26	25.42	-256.63	0.16
-16	16	4	484.65	17.80	89.02	-509.82
-14	16	4	75.12	59.25	-29.06	-73.49
-12	16	4	42.22	59.35	-50.52	25.22
-10	16	4	34.03	55.82	26.56	-12.37
-8	16	4	214.90	25.90	-15.08	-229.11
-6	16	4	332.57	16.19	-261.34	-233.24
-4	16	4	173.75	31.54	-152.48	-103.37
-2	16	4	475.36	13.41	-444.13	-244.25
0	16	4	128.52	26.74	-5.11	-140.23
2	16	4	177.74	27.48	150.54	-109.39
4	16	4	190.22	27.05	-162.74	130.55

6	16	4	64.78	57.61	-36.49	-47.47
8	16	4	102.98	50.93	79.14	86.56
10	16	4	93.02	57.36	-79.16	-49.77
12	16	4	128.00	42.36	-136.39	46.75
14	16	4	164.12	34.08	171.18	-3.14
16	16	4	258.76	22.41	-59.89	258.90
18	16	4	119.85	43.61	-105.48	-81.59
20	16	4	162.62	32.10	-154.61	38.36
22	16	4	146.70	38.01	-119.71	-88.82
24	16	4	108.96	57.39	23.73	108.49
26	16	4	81.07	65.82	52.04	-82.37
28	16	4	75.97	72.29	-16.55	-77.97
-25	17	4	46.23	58.01	33.42	-31.20
-23	17	4	27.26	64.50	30.93	-8.57
-21	17	4	25.80	62.36	-24.10	3.01
-19	17	4	39.63	63.53	33.57	-24.11
-15	17	4	110.01	52.57	115.53	-31.65
-13	17	4	58.65	57.91	-56.56	11.03
-11	17	4	58.23	58.31	58.80	4.61
-7	17	4	123.21	35.15	38.71	-125.74
-5	17	4	84.38	53.96	91.76	-17.32
-3	17	4	43.63	54.77	-42.98	15.73
-1	17	4	93.65	42.14	-14.16	-96.75
1	17	4	42.07	44.75	50.49	-6.61
3	17	4	30.95	57.52	17.25	-22.76
5	17	4	32.51	56.21	34.48	3.80
7	17	4	145.13	36.58	62.95	-141.44
9	17	4	49.51	59.41	41.53	-31.89
11	17	4	135.18	37.79	134.56	-36.65
13	17	4	56.48	59.74	-59.96	-5.67
15	17	4	67.99	63.18	-60.12	31.99
17	17	4	116.90	45.10	33.89	-111.85
19	17	4	46.02	61.91	32.53	-30.95
21	17	4	25.37	65.14	18.49	16.37
23	17	4	90.02	59.34	-64.72	-64.38
25	17	4	6.31	64.04	-5.32	2.03
-24	18	4	139.18	47.00	149.36	-30.13
-22	18	4	61.60	63.65	40.55	-47.31
-20	18	4	55.24	66.45	-41.05	39.78
-18	18	4	40.88	64.90	-30.65	24.81
-16	18	4	74.37	63.51	75.46	-1.88
-14	18	4	58.50	64.00	-58.49	16.91
-12	18	4	97.46	52.48	-40.67	91.42
-10	18	4	125.86	40.91	-14.79	132.42
-8	18	4	40.23	58.90	39.68	19.47
-6	18	4	80.73	57.72	-56.51	69.22
-4	18	4	209.96	22.29	-219.55	-10.69
-2	18	4	82.35	56.08	49.52	63.23
0	18	4	79.87	37.57	-91.47	-17.80
2	18	4	116.82	38.46	-55.51	-100.35
4	18	4	83.19	59.54	-30.86	78.06
6	18	4	39.11	57.35	-27.38	32.20
8	18	4	138.06	34.03	123.01	82.26
10	18	4	188.64	29.76	-111.96	-146.32

12	18	4	30.46	64.36	-34.57	1.79
14	18	4	171.01	32.59	5.83	-180.73
16	18	4	85.48	64.45	-89.33	34.58
18	18	4	196.35	36.20	28.04	-195.66
20	18	4	35.89	64.33	-30.75	-13.80
24	18	4	81.45	67.62	-87.75	0.36
-21	19	4	38.01	69.06	29.92	-35.45
-19	19	4	45.74	66.12	13.70	44.27
-17	19	4	130.32	43.07	92.15	-93.38
-15	19	4	43.91	65.02	-10.14	-38.93
-13	19	4	62.93	62.84	15.37	63.28
-11	19	4	22.60	63.57	19.67	-11.74
-9	19	4	110.87	48.44	115.47	20.69
-7	19	4	73.64	59.14	21.04	-69.55
-5	19	4	40.38	58.30	-40.44	-15.00
-3	19	4	77.04	56.37	73.57	-8.97
-1	19	4	48.79	53.52	26.92	-38.13
1	19	4	92.79	47.41	12.75	99.66
3	19	4	31.58	58.03	-9.38	-31.32
5	19	4	46.37	61.59	-5.72	42.37
7	19	4	101.96	51.11	67.20	-82.64
9	19	4	91.30	56.87	75.81	-60.65
11	19	4	51.66	61.18	-46.06	28.19
13	19	4	40.23	66.68	39.47	-25.86
15	19	4	27.33	65.84	30.42	16.64
17	19	4	28.81	64.09	-27.50	19.26
19	19	4	24.20	67.78	22.24	8.32
21	19	4	76.92	70.06	-12.83	-86.39
-18	20	4	130.14	50.78	-121.80	-53.61
-16	20	4	28.23	65.72	33.96	-15.86
-14	20	4	298.36	25.89	-322.90	20.55
-12	20	4	137.13	46.36	-52.97	-139.45
-10	20	4	99.25	54.95	41.87	-84.59
-8	20	4	38.22	61.40	-20.18	38.25
-6	20	4	196.67	31.59	-194.08	82.90
-4	20	4	204.70	29.11	60.08	-205.67
-2	20	4	154.67	33.99	-159.00	23.91
2	20	4	37.76	56.98	-30.95	37.38
4	20	4	65.58	59.09	69.23	-44.09
6	20	4	105.67	52.22	-91.47	-65.92
8	20	4	150.96	38.23	-103.60	-126.46
10	20	4	209.56	31.25	-221.75	-25.87
14	20	4	64.57	65.58	27.67	-69.39
16	20	4	39.56	65.14	-27.18	-36.33
18	20	4	15.40	67.10	18.49	2.69
-15	21	4	60.29	69.48	-9.33	62.79
-13	21	4	38.65	63.94	7.45	-40.53
-11	21	4	61.34	63.92	47.19	42.91
-9	21	4	25.63	64.13	-26.57	-1.77
-7	21	4	29.00	63.34	13.92	23.26
-5	21	4	22.07	60.21	-6.59	-19.56
-3	21	4	64.99	58.13	48.81	-53.48
3	21	4	41.24	59.87	-1.11	41.88
5	21	4	50.45	61.96	12.79	-51.08

7	21	4	31.55	64.29	36.04	8.13	
9	21	4	38.98	63.17	-29.03	29.83	
11	21	4	34.74	66.94	-33.13	6.45	
13	21	4	68.91	65.56	68.52	18.86	
15	21	4	19.65	67.06	-4.85	28.09	
-10	22	4	23.75	67.12	29.09	0.58	
-8	22	4	67.72	62.84	31.31	60.02	
-6	22	4	83.25	63.10	-69.03	-46.04	
-4	22	4	95.01	55.73	96.26	12.52	
6	22	4	118.10	45.04	-35.60	-120.10	
8	22	4	56.09	65.75	-51.20	5.24	
10	22	4	106.49	53.49	-78.44	-95.18	
-38	0	5	5.00	55.22	-21.71	0.00	
-36	0	5	56.17	57.97	-75.38	0.00	
-20	0	5	56.19	31.78	50.51	0.00	
-18	0	5	44.90	19.99	52.03	0.00	
-16	0	5	1029.19	144.36	-1091.32	0.00	
-14	0	5	20.76	26.49	24.04	0.00	
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-4	0	5	459.68	65.22	488.08	0.00	
-2	0	5	36.86	29.49	-33.05	0.00	
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-39	1	5	63.84	47.81	39.64	40.78	
-37	1	5	62.13	57.35	52.94	-4.59	
-33	1	5	78.04	45.53	-63.10	9.25	
-21	1	5	158.33	8.18	162.68	10.67	
-19	1	5	149.74	14.93	-88.36	-122.87	
-17	1	5	105.46	11.60	-93.79	44.84	
-15	1	5	118.94	11.69	70.13	93.54	
-13	1	5	133.42	6.78	133.42	-22.90	
-11	1	5	19.55	22.16	10.36	-15.78	
-9	1	5	94.52	35.49	13.13	-104.45	
-7	1	5	78.63	25.73	63.59	-40.94	
-5	1	5	88.61	20.12	46.15	81.52	
-3	1	5	70.21	11.28	26.79	-65.35	
-1	1	5	36.32	17.93	24.68	-23.42	
1	1	5	29.72	21.65	28.60	2.30	
3	1	5	63.72	13.12	39.92	-48.90	
5	1	5	67.16	18.72	57.54	-41.20	
-38	2	5	152.17	30.17	-147.11	46.87	
-36	2	5	31.08	57.41	-35.67	10.35	
-34	2	5	71.11	58.25	75.73	-13.87	
-32	2	5	257.35	19.00	83.70	261.84	
-30	2	5	337.93	13.92	-349.22	20.55	
-28	2	5	88.49	39.72	-8.32	90.80	
-26	2	5	305.14	11.34	-268.51	162.33	
-24	2	5	269.50	12.13	-107.50	-256.60	
-20	2	5	696.82	68.44	-142.92	-723.23	
-18	2	5	269.15	12.04	257.80	98.29	
-16	2	5	99.41	8.81	29.58	-97.86	
-14	2	5	738.65	73.08	-775.24	-92.40	

-12	2	5	473.55	43.69	-35.41	494.86
-10	2	5	812.21	78.25	847.58	25.72
-8	2	5	160.43	11.17	-65.80	-147.85
-6	2	5	690.06	9.23	663.12	-297.81
-4	2	5	295.37	8.55	81.27	296.32
-2	2	5	364.51	33.16	-336.64	184.63
0	2	5	95.37	8.45	-13.59	-99.98
2	2	5	265.67	23.92	262.91	-11.98
4	2	5	310.78	6.63	15.56	332.95
6	2	5	653.75	6.84	678.93	-146.06
-39	3	5	48.05	59.20	-26.08	-49.83
-37	3	5	52.27	58.28	-50.27	4.82
-35	3	5	24.03	57.25	-27.14	-15.25
-33	3	5	117.05	35.77	105.59	-53.52
-31	3	5	168.13	21.25	-46.93	155.44
-29	3	5	36.95	49.26	-38.52	-34.43
-27	3	5	50.41	49.73	-9.27	-42.62
-25	3	5	46.69	46.55	39.46	-33.96
-23	3	5	40.76	43.92	-8.49	-52.05
-21	3	5	139.03	9.99	-114.40	85.81
-19	3	5	123.77	11.98	32.37	124.60
-17	3	5	93.91	11.64	21.47	-91.76
-15	3	5	100.38	9.65	-89.86	47.82
-13	3	5	94.31	9.76	-86.03	-27.25
-11	3	5	90.44	16.61	-49.59	-80.59
-9	3	5	133.82	20.17	28.79	-136.31
-7	3	5	123.59	14.07	-63.16	107.02
-5	3	5	118.33	31.89	-83.64	-94.31
-3	3	5	26.42	24.63	-28.49	0.05
-1	3	5	13.01	22.28	12.49	6.33
1	3	5	115.84	15.90	-117.56	6.95
3	3	5	48.25	31.28	13.84	-43.99
5	3	5	62.57	30.70	-69.30	-15.72
7	3	5	197.82	2.70	14.58	199.35
-38	4	5	13.55	60.79	-7.85	3.75
-36	4	5	69.80	60.92	-86.01	-7.08
-34	4	5	86.80	52.58	8.27	-93.78
-32	4	5	106.66	47.40	-75.81	86.46
-30	4	5	51.21	54.22	31.00	43.69
-28	4	5	98.79	47.55	-96.67	-26.32
-26	4	5	24.08	48.29	16.21	-16.51
-24	4	5	183.91	18.27	145.27	114.97
-22	4	5	363.98	10.96	-116.90	-362.08
-20	4	5	298.12	29.26	-307.47	86.39
-18	4	5	356.82	34.06	-78.09	-370.04
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-14	4	5	28.52	20.49	29.44	-14.46
-12	4	5	2122.80	203.45	-2090.26	737.03
-10	4	5	213.17	20.02	-32.39	-223.15
-8	4	5	71.81	26.79	0.04	55.36
-6	4	5	620.01	59.53	-220.91	-610.49
-4	4	5	1054.00	98.37	-933.37	564.32
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2	4	5	504.19	5.12	166.88	505.17
4	4	5	1617.22	6.89	-1534.15	748.96
6	4	5	729.94	6.76	-137.48	-750.25
8	4	5	1105.91	8.92	1096.53	-385.14
10	4	5	527.64	4.25	-229.05	-509.42
12	4	5	2023.20	4.56	-1981.52	784.89
-37	5	5	20.37	62.88	-14.82	-11.25
-35	5	5	16.48	60.45	-27.39	7.76
-33	5	5	120.50	39.82	115.58	43.85
-31	5	5	48.50	54.29	-25.50	-34.79
-29	5	5	40.69	53.48	-1.11	36.02
-27	5	5	124.41	33.27	92.16	84.81
-25	5	5	134.54	28.57	129.42	-18.98
-23	5	5	61.02	50.44	-59.21	1.60
-21	5	5	49.14	48.42	7.28	47.58
-19	5	5	81.31	18.83	83.38	-28.16
-17	5	5	246.83	22.58	162.71	193.99
-15	5	5	83.44	15.97	54.80	-67.60
-13	5	5	84.77	13.71	-82.25	34.03
-11	5	5	109.21	12.48	60.71	89.14
-9	5	5	157.91	15.01	148.74	53.59
-7	5	5	23.88	27.53	-22.79	-1.89
-5	5	5	81.92	7.48	35.70	76.11
-3	5	5	230.59	109.94	123.00	201.63
-1	5	5	164.79	40.97	163.80	-31.49
1	5	5	113.20	9.75	5.00	-118.70
3	5	5	144.61	111.35	89.21	122.74
5	5	5	118.66	15.52	0.76	124.59
7	5	5	43.79	18.10	35.95	-27.71
9	5	5	132.26	14.26	110.12	84.43
11	5	5	53.40	27.83	16.44	-44.79
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15	5	5	32.95	32.48	39.12	6.59
17	5	5	157.80	11.38	155.21	-6.39
19	5	5	83.33	21.05	80.35	-15.65
21	5	5	78.81	22.71	-3.76	76.51
23	5	5	89.07	21.89	2.71	-94.44
-38	6	5	49.78	67.78	-15.20	42.25
-36	6	5	38.77	64.94	-36.58	-1.43
-34	6	5	60.67	61.89	-47.03	31.45
-32	6	5	67.79	62.27	-36.22	-61.22
-30	6	5	138.82	34.78	136.66	-56.67
-28	6	5	244.93	21.52	151.46	217.81
-26	6	5	462.90	13.97	-419.81	249.32
-24	6	5	318.09	15.63	51.82	331.68
-22	6	5	169.23	28.58	166.63	-25.82
-20	6	5	351.05	33.90	149.29	339.45
-18	6	5	513.56	49.70	-493.91	209.18
-16	6	5	545.87	52.79	172.98	545.36
-14	6	5	295.27	21.08	312.47	-23.97
-12	6	5	138.98	11.84	78.39	113.75
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-8	6	5	192.23	12.83	-171.57	-76.59
-6	6	5	691.82	66.28	672.20	-260.44

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0	6	5	1194.73	25.40	429.48	1191.56
2	6	5	1049.66	12.39	929.14	-603.90
4	6	5	129.27	9.94	-106.35	-79.62
6	6	5	338.43	10.51	286.12	-195.48
8	6	5	112.77	17.16	99.24	42.55
10	6	5	427.25	27.76	-371.63	252.80
12	6	5	40.00	37.21	14.40	48.36
14	6	5	338.02	8.25	336.59	-77.11
16	6	5	826.95	6.67	278.55	817.02
18	6	5	619.45	9.71	-562.38	298.93
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-37	7	5	64.51	66.43	-55.73	-27.69
-35	7	5	9.14	68.06	5.50	-10.46
-29	7	5	86.06	61.06	-10.58	-86.90
-27	7	5	94.22	52.62	-86.46	-53.50
-25	7	5	163.11	29.15	-159.00	48.51
-23	7	5	26.78	57.94	-26.66	-3.92
-21	7	5	168.98	27.57	11.42	-171.13
-19	7	5	121.73	15.48	37.42	119.81
-17	7	5	176.21	10.87	-170.11	-55.48
-15	7	5	75.44	17.85	-21.90	-81.56
-13	7	5	77.62	21.00	-83.66	-21.25
-11	7	5	258.13	22.79	-263.04	-75.73
-9	7	5	105.36	12.57	-97.83	39.34
-7	7	5	66.38	15.87	-72.86	13.13
-5	7	5	37.24	29.39	-22.80	35.62
-3	7	5	179.40	17.15	-177.77	-42.48
-1	7	5	204.92	20.11	-191.93	-95.12
1	7	5	80.44	15.22	-78.87	-35.47
3	7	5	142.18	51.06	-144.94	-43.91
5	7	5	36.20	37.08	-30.43	6.76
7	7	5	115.71	15.37	-116.48	2.73
9	7	5	36.34	25.65	-4.09	29.47
11	7	5	62.05	18.27	-53.37	33.59
13	7	5	101.71	23.77	-99.06	34.31
15	7	5	139.93	19.37	4.39	-139.36
17	7	5	74.68	34.54	-78.51	-23.77
-34	8	5	34.53	66.93	-21.86	35.88
-32	8	5	54.07	64.26	-7.10	-64.45
-30	8	5	108.02	49.33	-99.48	-66.54
-28	8	5	320.81	17.97	327.83	-68.01
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-24	8	5	513.15	15.37	-490.50	265.38
-22	8	5	180.02	27.72	121.98	145.11
-20	8	5	344.56	17.69	-188.09	323.31
-18	8	5	110.51	13.59	26.50	109.97
-16	8	5	220.86	23.01	-171.16	141.34
-14	8	5	440.24	44.62	283.16	364.07
-12	8	5	239.45	20.45	229.75	80.53
-10	8	5	301.77	29.28	114.67	299.70
-8	8	5	1062.77	110.44	-775.85	816.85
-6	8	5	190.06	19.74	-144.57	-141.56

-4	8	5	221.98	21.99	201.17	-109.70
-2	8	5	356.55	37.03	-311.48	-211.91
0	8	5	1656.46	173.13	-1342.81	1126.13
2	8	5	127.85	13.30	90.76	94.52
4	8	5	421.35	41.04	-323.19	304.47
6	8	5	124.47	20.05	-76.53	93.23
8	8	5	730.95	8.33	-434.69	625.43
10	8	5	504.61	34.62	365.23	401.47
12	8	5	318.20	10.72	327.82	-48.64
14	8	5	611.66	8.04	324.91	553.26
-37	9	5	51.47	73.49	54.80	16.74
-35	9	5	36.30	74.55	-20.93	38.79
-27	9	5	40.18	65.43	-29.17	24.83
-25	9	5	85.31	62.85	-96.66	7.06
-23	9	5	20.76	61.60	-16.16	26.18
-21	9	5	92.43	56.34	92.85	-4.25
-19	9	5	105.86	47.61	-100.67	-41.36
-17	9	5	49.48	30.08	-48.46	4.39
-15	9	5	196.04	19.70	131.89	149.48
-13	9	5	156.38	13.45	34.68	-156.40
-11	9	5	113.63	16.58	-67.51	100.30
-9	9	5	61.01	19.86	-28.27	61.91
-7	9	5	122.64	12.55	95.46	73.31
-5	9	5	174.10	16.72	173.25	36.92
-3	9	5	95.86	12.64	-72.52	-69.18
-1	9	5	86.39	11.46	-33.54	83.50
1	9	5	77.74	11.46	-8.29	78.18
3	9	5	64.93	12.18	-68.09	-16.71
5	9	5	31.39	24.50	13.25	-30.31
7	9	5	85.77	14.31	90.81	-15.46
9	9	5	126.23	10.26	-29.83	126.39
11	9	5	18.68	35.14	-21.14	-2.08
-36	10	5	117.37	64.83	79.73	90.73
-34	10	5	46.43	73.64	-46.44	20.42
-32	10	5	97.09	72.61	62.48	84.22
-30	10	5	379.83	22.98	-276.21	292.63
-28	10	5	97.93	65.65	60.68	79.91
-26	10	5	75.87	65.91	-71.44	41.15
-24	10	5	67.73	62.37	74.77	29.69
-22	10	5	282.84	21.70	-190.61	228.52
-20	10	5	135.77	40.82	109.93	98.68
-18	10	5	195.82	27.12	99.93	-181.74
-16	10	5	112.25	20.09	105.24	-6.20
-14	10	5	565.95	58.70	-418.28	431.42
-12	10	5	465.43	47.34	288.01	385.66
-10	10	5	376.04	38.33	64.67	-378.79
-8	10	5	273.49	20.24	235.81	163.80
-6	10	5	553.70	56.26	-449.68	378.44
-4	10	5	155.21	14.32	147.98	80.46
-2	10	5	199.20	15.89	-182.49	87.80
0	10	5	440.50	44.99	-243.11	-398.23
2	10	5	111.14	11.69	-92.93	-79.21
4	10	5	310.33	30.91	193.46	257.02
6	10	5	473.14	48.06	-354.08	334.42

8	10	5	250.67	22.70	209.50	161.77
10	10	5	409.72	39.82	-394.60	186.21
12	10	5	442.46	6.78	290.89	360.20
-35	11	5	19.16	70.82	-15.13	-20.39
-33	11	5	137.30	51.22	33.93	-142.83
-31	11	5	47.61	69.65	17.02	39.09
-29	11	5	67.74	66.57	-65.85	21.53
-27	11	5	84.64	66.63	-19.90	-83.98
-25	11	5	26.90	63.02	-19.46	-7.92
-23	11	5	103.51	51.60	-107.37	-42.96
-21	11	5	23.68	61.85	15.79	16.12
-19	11	5	44.43	56.61	18.23	-45.44
-17	11	5	141.89	29.53	-16.56	-151.35
-15	11	5	137.85	13.01	-118.55	-65.74
-13	11	5	137.86	13.02	-110.47	78.01
-11	11	5	147.96	14.61	-6.88	-155.44
-9	11	5	104.95	15.27	-4.25	-107.34
-7	11	5	139.15	13.65	93.31	-119.65
-5	11	5	191.70	19.43	-157.77	-119.19
-3	11	5	110.83	12.76	74.75	-89.37
-1	11	5	114.10	13.90	-34.34	-110.02
1	11	5	219.82	22.98	-229.59	-26.19
3	11	5	168.10	15.98	74.95	-159.96
5	11	5	131.28	13.56	-76.21	-118.51
7	11	5	143.40	33.13	151.75	-27.65
9	11	5	116.68	11.92	-73.28	-92.26
11	11	5	156.32	9.76	-1.70	-155.23
-34	12	5	31.86	70.22	14.15	28.00
-32	12	5	139.42	45.00	13.01	142.87
-30	12	5	94.44	67.83	-74.17	-75.65
-28	12	5	133.21	45.83	-116.35	64.03
-26	12	5	63.51	63.36	-62.17	-18.25
-24	12	5	133.12	38.41	127.40	20.48
-22	12	5	95.69	54.93	67.64	89.13
-20	12	5	8.84	55.72	3.78	12.53
-18	12	5	278.19	17.78	-259.19	-149.07
-16	12	5	176.16	24.26	177.60	1.90
-14	12	5	288.33	15.14	-262.16	-167.78
-12	12	5	703.39	71.79	-486.40	556.34
-10	12	5	156.35	14.79	164.00	24.08
-8	12	5	550.08	52.23	-172.45	553.32
-6	12	5	106.14	11.34	63.01	96.36
-4	12	5	428.39	40.84	-104.32	433.05
-2	12	5	322.36	33.56	304.49	149.59
0	12	5	596.84	56.11	-94.18	620.39
2	12	5	321.67	33.45	217.39	256.79
4	12	5	558.12	53.71	-209.41	541.05
6	12	5	50.60	17.61	47.89	6.31
8	12	5	147.80	10.70	138.50	-52.72
10	12	5	214.13	8.88	-203.58	-92.63
12	12	5	571.83	44.75	-364.64	479.92
14	12	5	169.26	24.35	-127.93	-122.38
-31	13	5	8.69	65.16	-8.27	2.02
-29	13	5	42.71	65.11	-36.63	26.17

-27	13	5	118.26	46.48	101.24	73.91
-25	13	5	81.83	59.89	39.38	-64.73
-23	13	5	79.23	57.78	36.27	79.77
-21	13	5	69.97	58.00	-38.51	60.39
-19	13	5	92.31	50.38	57.91	-74.17
-17	13	5	102.33	45.59	88.33	62.64
-15	13	5	62.83	45.24	-56.71	-22.06
-13	13	5	81.60	30.15	35.03	66.22
-11	13	5	74.97	20.80	22.33	71.99
-9	13	5	93.59	15.05	38.41	-87.15
-7	13	5	57.56	27.87	-53.99	-29.21
-5	13	5	63.47	20.87	45.11	49.56
-3	13	5	145.48	25.82	142.15	25.24
-1	13	5	46.00	35.90	-31.57	-33.97
1	13	5	63.79	18.89	-69.96	-0.67
3	13	5	75.11	12.76	33.03	72.84
5	13	5	114.46	11.50	85.28	80.19
7	13	5	73.12	25.14	16.42	-76.76
9	13	5	26.71	34.74	-9.63	-22.22
11	13	5	49.41	32.26	-18.42	50.60
13	13	5	72.83	53.42	42.71	55.68
15	13	5	111.10	41.81	-96.46	60.95
-32	14	5	90.48	65.63	83.49	-56.39
-30	14	5	74.46	64.00	0.80	79.00
-28	14	5	50.76	63.34	46.49	-36.75
-26	14	5	354.53	18.25	-89.07	365.43
-24	14	5	145.11	34.56	136.76	57.99
-22	14	5	170.68	28.93	18.79	-173.76
-20	14	5	51.35	57.37	-37.44	-45.03
-18	14	5	345.11	42.89	-56.33	364.09
-16	14	5	56.63	44.62	16.69	-54.91
-14	14	5	137.18	20.46	-80.65	125.40
-12	14	5	230.09	18.99	-150.54	-194.12
-10	14	5	135.61	32.25	138.68	-45.06
-8	14	5	123.61	19.42	137.55	-16.61
-6	14	5	263.54	26.61	138.45	-242.33
-4	14	5	169.33	9.61	139.29	-88.15
-2	14	5	361.51	37.76	-104.28	371.71
0	14	5	313.94	33.24	290.91	144.79
2	14	5	215.99	21.80	54.04	-208.70
4	14	5	193.42	6.88	-49.80	-187.49
6	14	5	245.15	9.15	77.06	-240.76
8	14	5	139.59	31.02	26.62	-133.61
10	14	5	177.55	26.38	73.78	176.94
12	14	5	337.47	14.77	-258.42	-247.68
14	14	5	117.94	39.02	-101.83	77.94
16	14	5	0.76	57.37	-0.70	2.70
18	14	5	414.27	15.00	-51.42	429.28
-29	15	5	40.21	63.01	-18.88	-40.64
-23	15	5	51.05	58.39	10.39	-51.40
-21	15	5	87.98	41.71	15.43	-92.47
-19	15	5	69.24	39.83	54.20	51.70
-17	15	5	36.04	44.60	-14.44	32.79
-15	15	5	56.85	57.43	63.10	11.78

-13	15	5	66.34	57.97	-57.19	5.48
-11	15	5	83.28	56.42	-65.33	57.21
-9	15	5	36.34	58.14	34.65	-0.01
-7	15	5	43.43	55.48	-18.51	47.79
-5	15	5	109.69	39.97	47.20	-111.20
-3	15	5	148.00	14.91	-95.16	110.99
-1	15	5	44.57	24.65	30.72	39.78
1	15	5	32.87	27.03	34.80	5.83
3	15	5	100.99	15.07	-25.20	103.65
5	15	5	127.84	35.74	42.93	-137.25
7	15	5	68.55	56.87	-46.01	53.75
9	15	5	97.14	50.46	86.51	-39.14
11	15	5	93.36	48.68	94.89	15.67
13	15	5	101.25	48.11	-75.80	71.48
15	15	5	97.66	50.94	75.88	-75.75
17	15	5	39.34	60.17	34.33	16.76
19	15	5	90.09	56.08	66.07	59.71
21	15	5	51.41	64.82	-12.43	-52.40
23	15	5	82.19	63.90	4.64	-79.88
-28	16	5	81.61	49.26	64.90	-34.60
-26	16	5	73.93	69.77	68.52	33.00
-24	16	5	93.00	33.59	-63.54	80.57
-22	16	5	38.70	47.14	-22.89	42.06
-20	16	5	173.73	19.10	41.52	181.69
-18	16	5	36.72	58.86	-46.25	8.94
-16	16	5	182.27	30.12	-60.12	178.00
-14	16	5	203.67	26.34	175.91	123.34
-12	16	5	316.99	20.14	102.74	314.27
-10	16	5	249.49	21.62	180.91	203.44
-8	16	5	79.95	58.16	44.69	-75.45
-6	16	5	166.27	29.57	-178.58	19.98
-4	16	5	160.11	16.84	152.99	69.06
-2	16	5	82.41	31.56	-27.95	77.14
0	16	5	360.17	15.93	-200.44	322.85
2	16	5	193.79	30.05	192.46	60.23
4	16	5	326.87	18.15	105.60	331.90
6	16	5	117.39	39.28	-101.36	58.00
8	16	5	131.89	39.54	83.20	-118.79
10	16	5	262.20	21.09	248.17	115.60
12	16	5	352.41	16.78	109.20	360.41
14	16	5	327.05	19.59	289.95	191.72
16	16	5	257.72	24.10	-74.66	269.95
18	16	5	24.78	60.03	8.98	24.53
20	16	5	167.72	37.58	80.73	-157.25
22	16	5	104.34	55.98	-99.50	40.48
24	16	5	46.54	66.53	-9.02	45.76
26	16	5	112.61	58.28	97.44	64.81
28	16	5	63.94	68.05	63.97	-31.58
-27	17	5	53.14	55.24	-51.36	-9.40
-25	17	5	14.54	49.52	9.80	0.93
-23	17	5	69.26	64.12	-75.45	25.62
-21	17	5	29.25	63.54	-19.82	-21.97
-19	17	5	30.15	61.91	-24.03	15.60
-17	17	5	82.56	60.84	-55.32	63.47

-15	17	5	88.35	62.48	88.29	-7.00
-13	17	5	39.91	59.28	-34.13	-21.63
-11	17	5	81.63	59.93	-54.34	59.50
-9	17	5	82.08	59.64	-2.37	85.18
-7	17	5	29.70	57.89	18.44	-7.33
-5	17	5	45.42	55.89	-34.05	37.54
-3	17	5	36.54	56.71	-39.19	0.53
-1	17	5	63.42	55.75	0.80	64.99
1	17	5	86.26	47.88	-4.57	93.45
3	17	5	41.26	56.80	-41.59	-7.97
5	17	5	157.90	29.93	-132.45	103.37
7	17	5	53.96	59.16	23.91	-46.93
9	17	5	51.95	60.60	2.72	51.89
11	17	5	70.94	60.88	-76.22	5.86
13	17	5	69.49	62.43	-70.99	1.06
15	17	5	83.58	63.01	21.59	82.73
17	17	5	23.99	65.66	-22.35	19.64
19	17	5	30.62	64.03	-25.05	14.59
21	17	5	28.14	63.68	-20.85	21.03
23	17	5	84.91	67.78	-90.93	2.91
25	17	5	14.15	64.83	10.42	2.69
-24	18	5	12.12	65.53	-0.43	18.16
-22	18	5	82.94	65.38	89.51	-10.84
-20	18	5	122.31	50.98	112.68	-67.09
-18	18	5	93.54	67.19	34.61	96.37
-16	18	5	193.37	30.96	210.59	-20.89
-14	18	5	253.55	24.15	71.65	260.01
-12	18	5	268.83	22.69	277.41	55.83
-10	18	5	152.20	38.66	-48.25	-142.77
-8	18	5	200.87	29.56	-207.34	-38.01
-6	18	5	51.59	58.91	43.68	-34.86
-4	18	5	55.75	57.17	-23.76	-45.26
-2	18	5	21.53	55.85	29.21	-8.79
2	18	5	104.22	43.21	10.81	-112.26
4	18	5	25.52	57.93	30.32	8.82
8	18	5	82.07	59.56	-59.50	-60.49
10	18	5	243.09	28.37	-16.05	258.09
12	18	5	308.42	20.80	310.16	69.48
14	18	5	49.84	64.98	63.02	14.46
16	18	5	83.00	65.68	65.77	-46.07
18	18	5	20.42	68.49	-30.09	23.83
20	18	5	57.79	68.42	15.97	-56.42
22	18	5	95.90	67.70	80.75	52.32
24	18	5	74.41	67.41	-78.47	-5.65
-21	19	5	31.74	69.40	24.24	18.72
-17	19	5	45.77	65.65	-35.33	-38.70
-15	19	5	86.73	63.55	-58.32	60.20
-13	19	5	57.43	65.51	32.66	50.28
-11	19	5	24.44	62.99	-21.63	4.24
-9	19	5	55.05	59.52	-51.39	22.55
-7	19	5	49.84	58.77	-32.01	-45.49
-5	19	5	69.70	59.01	24.02	70.06
-3	19	5	28.36	56.17	-6.53	-28.25
-1	19	5	43.79	55.64	-39.03	5.85

3	19	5	66.52	58.92	-32.22	-62.79
5	19	5	65.38	62.57	38.69	56.08
7	19	5	30.40	62.81	-32.10	-20.87
9	19	5	85.82	62.94	-73.98	44.97
11	19	5	31.98	63.67	-13.38	-22.82
13	19	5	8.04	66.31	4.97	7.84
15	19	5	41.92	63.94	-19.40	38.11
17	19	5	45.82	63.68	-36.16	-34.95
19	19	5	56.44	67.35	-54.47	18.94
-18	20	5	61.93	66.82	-42.22	42.20
-16	20	5	29.56	65.75	21.41	5.36
-14	20	5	140.30	44.88	144.04	-37.40
-12	20	5	125.95	45.97	-112.16	75.75
-10	20	5	34.77	62.64	32.22	-9.50
-8	20	5	337.45	20.76	90.82	346.26
-6	20	5	112.10	48.17	-118.98	2.75
-4	20	5	142.05	37.52	-72.23	130.10
-2	20	5	207.24	25.84	216.37	7.68
4	20	5	177.09	31.94	-83.40	175.07
6	20	5	77.45	62.31	-79.41	8.63
8	20	5	136.07	40.51	60.57	125.32
10	20	5	40.46	64.12	-38.30	16.00
12	20	5	99.00	62.49	-83.96	52.59
14	20	5	228.67	31.54	238.84	-37.90
16	20	5	44.01	68.95	30.67	25.27
18	20	5	32.69	67.55	-10.82	26.88
-15	21	5	38.85	67.30	-29.46	-31.94
-13	21	5	21.52	66.76	0.01	-23.97
-11	21	5	25.58	64.97	-23.68	19.84
-9	21	5	49.74	62.31	-21.53	-46.41
-5	21	5	72.27	60.67	-33.29	-69.32
-3	21	5	54.88	59.25	48.76	-27.21
5	21	5	73.57	61.59	-22.49	-65.81
7	21	5	0.60	64.40	0.40	-2.45
9	21	5	20.18	65.45	-19.57	-5.94
11	21	5	45.79	66.47	-48.43	-1.17
13	21	5	6.70	65.70	3.67	4.86
15	21	5	51.08	67.32	-42.85	16.85
-10	22	5	83.22	64.26	36.41	-78.24
-8	22	5	73.34	66.86	31.39	-61.68
-6	22	5	173.57	33.35	102.51	156.80
6	22	5	69.96	63.09	44.01	65.17
8	22	5	58.13	63.76	-32.25	-43.65
-38	0	6	4.83	57.55	4.43	0.00
-36	0	6	416.30	58.54	-439.38	0.00
-34	0	6	22.86	53.45	47.44	0.00
-22	0	6	58.44	18.41	60.10	0.00
-20	0	6	630.83	88.78	-657.93	0.00
-18	0	6	74.14	13.88	-76.75	0.00
-16	0	6	1425.77	199.91	1514.31	0.00
-14	0	6	49.96	20.17	49.28	0.00
-12	0	6	1021.31	143.58	-1089.30	0.00
-8	0	6	1659.70	232.54	1759.95	0.00
-6	0	6	38.92	30.95	40.79	0.00

-4	0	6	430.49	60.96	-458.05	0.00
-2	0	6	4.99	28.56	-0.39	0.00
0	0	6	632.94	88.71	663.82	0.00
2	0	6	38.84	30.87	-53.17	0.00
4	0	6	32.18	32.91	-32.75	0.00
6	0	6	1.95	28.09	-1.93	0.00
-39	1	6	3.46	61.43	-6.63	-11.27
-37	1	6	3.91	47.04	2.86	2.43
-35	1	6	83.52	53.07	11.18	-78.78
-33	1	6	96.96	42.36	64.88	80.59
-31	1	6	107.19	36.61	55.01	-98.11
-29	1	6	134.77	28.02	-125.39	-61.08
-23	1	6	125.60	8.98	-93.12	-90.14
-21	1	6	101.26	9.58	-88.89	57.34
-19	1	6	141.08	8.49	43.52	-135.81
-17	1	6	105.43	10.68	76.06	75.68
-15	1	6	85.68	12.15	-79.76	31.61
-13	1	6	198.97	28.55	9.16	-207.40
-11	1	6	7.97	32.72	-7.85	4.66
-9	1	6	83.83	45.80	9.86	93.49
-7	1	6	191.19	14.75	-29.85	-195.46
-5	1	6	101.03	26.44	-52.51	-83.71
-3	1	6	151.73	13.82	4.82	-147.86
-1	1	6	60.74	12.06	-49.60	30.22
1	1	6	42.87	13.43	1.39	-46.18
3	1	6	151.43	14.92	-87.77	-124.13
5	1	6	33.98	33.21	-27.82	-22.39
7	1	6	83.99	18.83	-20.17	-87.59
-38	2	6	51.17	58.79	-2.95	60.92
-36	2	6	108.73	40.55	6.19	116.02
-34	2	6	91.41	48.15	-21.59	-86.15
-32	2	6	269.40	17.26	47.36	278.05
-30	2	6	166.49	23.07	18.54	153.40
-28	2	6	111.12	31.53	24.69	112.38
-26	2	6	201.74	17.48	122.01	-177.70
-24	2	6	278.24	12.17	-6.51	296.29
-22	2	6	305.87	29.49	253.86	171.77
-20	2	6	496.09	49.00	-15.48	-521.78
-18	2	6	267.84	17.48	189.79	-193.32
-16	2	6	113.44	11.48	2.44	-122.57
-14	2	6	386.90	36.04	383.02	129.41
-12	2	6	583.21	56.95	-126.12	-597.81
-10	2	6	339.31	32.73	263.79	-225.12
-8	2	6	1399.03	7.84	236.03	1459.98
-6	2	6	816.93	10.80	-836.69	209.84
-4	2	6	206.71	18.61	-2.16	-215.69
-2	2	6	127.62	12.33	78.15	-97.51
0	2	6	612.17	60.59	129.61	622.04
2	2	6	704.43	69.44	-728.08	131.13
4	2	6	430.87	7.00	-87.35	-439.10
6	2	6	781.21	8.27	-771.65	284.38
8	2	6	1229.45	6.20	197.75	1275.33
-35	3	6	38.02	56.74	-14.23	34.31
-33	3	6	22.67	54.95	-19.57	-19.83

-31	3	6	70.28	53.67	60.93	54.81
-29	3	6	16.86	52.71	25.17	-0.54
-27	3	6	65.46	49.50	47.08	-41.85
-25	3	6	148.86	21.14	9.48	147.23
-23	3	6	92.52	14.99	83.57	44.94
-21	3	6	83.91	15.89	44.60	-73.67
-19	3	6	145.93	14.26	89.99	117.67
-17	3	6	137.71	34.86	-78.85	117.24
-15	3	6	160.66	15.84	108.63	-128.87
-13	3	6	32.58	29.25	-28.21	24.27
-11	3	6	58.78	21.52	-19.86	58.05
-9	3	6	116.11	20.27	37.87	106.91
-7	3	6	219.77	32.55	181.16	143.49
-5	3	6	91.62	13.51	-15.52	-97.97
-3	3	6	62.77	15.53	32.02	60.63
-1	3	6	109.36	11.15	75.98	74.19
1	3	6	130.33	12.68	56.10	116.03
3	3	6	11.87	26.95	14.52	-8.48
5	3	6	121.64	18.92	40.57	-125.26
7	3	6	258.76	18.80	87.52	257.60
9	3	6	99.49	24.88	45.45	77.22
-38	4	6	127.90	48.09	30.54	131.58
-36	4	6	81.71	61.48	77.79	-14.11
-34	4	6	101.82	44.12	63.78	88.86
-32	4	6	143.10	34.22	-141.00	36.46
-30	4	6	85.42	47.90	45.42	72.40
-28	4	6	167.82	30.57	149.02	-88.02
-26	4	6	49.68	51.61	13.65	59.54
-24	4	6	982.76	11.21	-980.08	360.22
-22	4	6	468.15	43.28	145.25	463.60
-20	4	6	543.62	52.35	530.92	-215.83
-18	4	6	79.06	15.95	0.31	-86.51
-16	4	6	892.05	87.92	-845.87	408.73
-14	4	6	118.25	11.34	-115.67	-41.17
-12	4	6	341.07	30.17	-342.83	-97.40
-10	4	6	150.83	13.68	19.82	158.15
-8	4	6	891.32	86.66	-877.44	312.36
-6	4	6	653.81	62.73	125.19	672.29
-4	4	6	1500.90	143.78	1416.82	-674.63
-2	4	6	341.24	32.63	66.29	351.79
0	4	6	768.62	18.58	-751.13	300.82
2	4	6	599.30	10.64	197.42	604.60
4	4	6	1537.48	7.07	1534.22	-510.56
6	4	6	736.92	7.28	197.34	743.68
8	4	6	350.72	25.87	308.96	-212.20
10	4	6	302.94	17.16	128.02	302.87
12	4	6	356.08	5.61	-363.90	95.82
-37	5	6	28.85	66.24	19.83	-16.56
-35	5	6	77.03	64.50	-49.00	-71.23
-33	5	6	103.65	47.63	-106.05	-3.61
-31	5	6	70.49	57.88	-8.54	-61.76
-29	5	6	104.80	40.19	76.86	-59.89
-27	5	6	70.16	54.11	-79.65	14.27
-25	5	6	142.75	29.01	7.85	-155.76

-23	5	6	33.49	53.08	31.20	21.83
-21	5	6	75.43	18.99	74.07	9.86
-19	5	6	253.75	23.36	-40.16	-256.65
-17	5	6	168.89	16.29	-170.88	-31.32
-15	5	6	46.93	33.61	-44.48	-1.06
-13	5	6	60.09	20.23	39.97	-55.96
-11	5	6	208.21	19.64	-168.79	-127.00
-9	5	6	159.05	14.98	-141.82	-73.03
-7	5	6	132.15	15.85	-12.67	-132.23
-5	5	6	103.27	8.89	-87.02	-55.83
-3	5	6	162.50	14.83	-103.40	-128.24
-1	5	6	241.90	37.76	-161.47	-190.86
1	5	6	233.92	45.32	-204.63	-136.69
3	5	6	118.50	130.81	-69.33	-105.47
5	5	6	87.73	21.07	-56.22	-68.20
7	5	6	104.82	19.64	-51.03	-92.84
9	5	6	227.45	6.58	-162.62	-166.45
11	5	6	170.37	8.25	-170.97	14.75
13	5	6	72.65	17.29	61.95	-29.10
15	5	6	131.93	12.39	-133.08	-4.52
17	5	6	124.83	12.95	-119.88	22.62
-34	6	6	234.32	26.86	237.73	-48.56
-32	6	6	261.54	24.49	-26.03	-278.71
-30	6	6	77.52	62.21	-77.24	-19.44
-28	6	6	162.56	29.13	-97.95	-144.31
-26	6	6	98.97	53.11	96.43	33.55
-24	6	6	120.39	39.84	-53.71	-118.05
-22	6	6	275.16	26.45	176.99	-214.29
-20	6	6	458.02	44.35	216.81	421.60
-18	6	6	443.73	42.83	-319.41	332.80
-16	6	6	236.79	19.76	-42.77	-248.12
-14	6	6	192.06	18.05	-176.97	-79.07
-12	6	6	161.21	15.98	77.83	146.66
-10	6	6	260.51	22.70	-93.09	248.13
-8	6	6	871.40	83.25	-320.07	-837.77
-6	6	6	597.72	58.24	542.23	-324.73
-4	6	6	233.34	14.85	170.72	171.73
-2	6	6	1036.01	187.03	-887.39	623.36
0	6	6	729.93	29.47	-381.30	-655.82
2	6	6	103.49	22.85	62.78	-86.20
4	6	6	420.30	6.64	198.95	388.83
6	6	6	1108.86	7.59	-968.55	653.98
8	6	6	575.37	6.37	-191.86	-566.96
10	6	6	165.48	9.10	80.87	-154.70
12	6	6	84.87	20.95	13.86	-74.40
14	6	6	1261.03	7.02	-1138.70	649.11
-37	7	6	58.44	69.60	30.37	54.11
-35	7	6	35.23	69.56	27.60	26.75
-33	7	6	58.58	65.19	58.44	-28.05
-31	7	6	42.08	65.98	34.74	20.35
-29	7	6	120.38	47.11	-46.62	116.40
-27	7	6	101.87	53.86	50.72	-92.57
-23	7	6	16.93	60.66	15.57	3.68
-21	7	6	73.43	22.74	87.81	4.12

-19	7	6	137.76	13.68	105.42	98.49
-17	7	6	69.36	27.52	44.78	-48.61
-15	7	6	61.92	22.39	52.55	46.55
-13	7	6	155.59	16.07	100.46	124.13
-11	7	6	161.82	14.94	154.69	-59.60
-9	7	6	134.56	12.36	128.99	48.69
-7	7	6	115.78	28.26	18.37	111.03
-5	7	6	326.92	31.19	298.90	158.40
-3	7	6	38.66	27.27	14.20	29.44
-1	7	6	131.99	9.74	108.82	79.64
1	7	6	91.33	18.25	87.36	42.71
3	7	6	197.59	119.48	102.73	177.87
5	7	6	231.72	96.46	229.99	62.59
7	7	6	76.26	24.09	-79.48	30.81
9	7	6	181.23	11.82	187.49	29.50
11	7	6	124.79	13.06	112.28	-62.63
-36	8	6	207.62	39.96	-189.39	110.32
-34	8	6	57.79	69.56	59.40	-42.58
-32	8	6	134.90	47.96	118.20	-89.30
-30	8	6	185.46	35.67	-100.84	-160.26
-28	8	6	218.16	27.19	-172.24	147.59
-26	8	6	127.22	47.24	58.33	116.00
-24	8	6	70.67	63.82	-69.41	-5.84
-22	8	6	146.39	37.78	-81.94	-128.47
-20	8	6	274.17	25.98	-223.48	170.79
-18	8	6	207.66	19.53	188.35	99.37
-16	8	6	137.85	21.77	-38.93	-156.21
-14	8	6	282.25	26.79	200.88	222.17
-12	8	6	1145.40	109.59	-841.42	854.25
-10	8	6	538.83	51.69	369.38	424.91
-8	8	6	985.37	96.03	805.17	-648.99
-6	8	6	335.97	31.44	-167.59	-302.10
-4	8	6	190.07	12.99	-90.24	178.42
-2	8	6	87.73	11.04	5.81	-92.24
0	8	6	542.24	52.71	-551.86	157.19
2	8	6	329.96	5.37	-167.26	-306.56
4	8	6	98.03	68.08	-74.03	-127.96
6	8	6	441.13	7.76	-223.57	-395.14
8	8	6	1301.52	37.33	1091.02	-837.69
10	8	6	138.09	14.84	42.16	140.22
12	8	6	254.40	11.81	-262.00	50.57
-35	9	6	13.64	76.16	16.10	6.08
-33	9	6	48.27	71.55	50.29	12.90
-31	9	6	93.35	70.50	-34.76	-90.78
-29	9	6	91.60	68.56	-85.13	50.58
-25	9	6	106.27	57.65	79.76	-56.72
-23	9	6	200.54	30.62	-166.19	-135.37
-21	9	6	112.61	48.43	-94.97	57.77
-19	9	6	99.63	19.79	78.82	-73.23
-17	9	6	35.33	34.09	15.16	-41.49
-15	9	6	84.68	16.81	-84.31	-29.84
-13	9	6	167.98	11.51	-39.70	-165.61
-11	9	6	55.60	25.46	-16.05	55.69
-9	9	6	130.48	14.33	60.76	-121.02

-7	9	6	220.03	21.33	-80.40	-212.68
-5	9	6	69.03	16.61	-68.22	1.05
-3	9	6	13.04	28.85	-3.67	-9.65
-1	9	6	53.38	17.41	-47.34	-26.42
1	9	6	145.02	13.19	-98.89	-111.79
3	9	6	33.19	27.16	10.55	-30.62
5	9	6	50.62	20.84	-48.99	20.17
7	9	6	59.53	48.05	-9.58	-66.39
9	9	6	94.32	17.43	46.98	-84.13
11	9	6	42.28	36.34	-42.20	11.79
-34	10	6	26.31	75.48	19.36	34.99
-32	10	6	100.94	72.89	49.05	90.87
-30	10	6	135.31	54.46	-81.08	120.06
-28	10	6	104.96	68.58	71.61	83.66
-26	10	6	157.26	40.46	150.20	-73.87
-24	10	6	120.99	48.84	-69.35	105.87
-22	10	6	449.52	16.25	386.87	-270.17
-20	10	6	504.41	15.28	-299.96	-436.50
-18	10	6	495.13	47.51	384.74	-347.12
-16	10	6	247.47	24.12	181.84	180.28
-14	10	6	129.62	14.94	118.03	62.35
-12	10	6	33.83	31.38	-14.76	52.56
-10	10	6	613.24	59.39	455.64	-446.40
-8	10	6	197.24	8.38	29.38	190.62
-6	10	6	663.82	63.94	-232.60	650.46
-4	10	6	339.00	32.82	-245.10	-248.13
-2	10	6	376.05	34.96	203.70	-323.99
0	10	6	359.68	35.66	260.11	261.55
2	10	6	862.20	10.73	-354.63	830.23
4	10	6	678.58	65.50	-489.80	-489.38
6	10	6	345.87	30.64	289.70	-206.70
8	10	6	128.70	13.93	12.87	138.00
10	10	6	715.20	65.82	-277.78	669.14
12	10	6	176.43	10.73	15.84	181.42
-33	11	6	48.30	73.01	32.60	43.09
-29	11	6	19.04	72.36	27.37	-15.30
-27	11	6	48.11	66.96	-0.50	52.48
-25	11	6	76.85	66.38	-24.43	77.73
-23	11	6	47.28	63.40	31.33	39.88
-21	11	6	28.89	62.57	27.80	23.66
-19	11	6	114.93	45.27	-22.04	117.98
-17	11	6	173.56	16.26	99.12	147.93
-15	11	6	52.08	30.32	-57.18	15.79
-13	11	6	45.88	33.43	-10.57	55.68
-11	11	6	90.42	15.39	19.20	92.98
-9	11	6	103.73	12.66	2.84	104.97
-7	11	6	166.79	13.41	155.20	70.38
-5	11	6	139.27	15.17	-33.66	140.00
-3	11	6	116.44	13.96	93.73	69.88
-1	11	6	90.26	14.08	34.62	83.95
1	11	6	137.43	12.96	94.18	100.60
3	11	6	87.22	13.36	-12.78	88.37
5	11	6	106.66	14.96	-21.25	109.78
7	11	6	248.54	13.88	251.92	48.48

9	11	6	146.79	11.08	-71.75	136.34
11	11	6	103.75	15.91	40.30	92.89
13	11	6	3.83	53.68	2.26	-2.06
-34	12	6	36.98	74.32	-23.77	-33.14
-32	12	6	102.48	74.42	-108.50	37.57
-30	12	6	157.41	46.51	154.64	50.27
-28	12	6	55.24	66.80	-41.42	41.94
-26	12	6	96.46	62.41	74.68	76.92
-24	12	6	410.64	18.25	-204.33	380.17
-22	12	6	132.63	40.98	136.10	15.49
-20	12	6	62.17	61.19	52.34	-53.05
-18	12	6	199.61	26.73	-180.11	-91.23
-16	12	6	7.29	35.16	9.42	2.31
-14	12	6	341.19	32.55	305.19	173.55
-12	12	6	248.20	24.35	-205.69	150.97
-10	12	6	192.53	17.96	-171.48	-98.30
-8	12	6	227.04	19.99	-186.92	142.87
-6	12	6	160.13	15.28	-99.64	-136.67
-4	12	6	295.68	19.69	90.46	-293.05
-2	12	6	526.46	50.23	439.48	329.29
0	12	6	404.64	38.08	-211.02	349.16
2	12	6	863.81	83.49	759.02	483.13
4	12	6	370.21	36.85	245.03	-297.64
6	12	6	158.81	14.27	-118.45	-115.67
8	12	6	70.97	17.36	-50.57	-40.00
10	12	6	50.46	33.64	51.86	-1.20
12	12	6	123.43	14.72	29.04	-116.12
14	12	6	179.24	27.31	150.60	102.58
-31	13	6	67.48	69.70	47.28	-57.94
-29	13	6	73.24	67.15	0.40	-73.10
-27	13	6	62.36	66.38	-59.98	33.23
-25	13	6	82.74	64.46	-63.78	-68.23
-23	13	6	56.86	64.27	34.07	46.40
-19	13	6	102.59	52.68	-77.27	-75.01
-17	13	6	28.32	60.46	-30.59	9.30
-15	13	6	28.35	47.00	24.82	18.82
-13	13	6	61.73	24.55	3.61	-64.70
-11	13	6	282.15	26.62	-277.78	-84.36
-9	13	6	44.81	31.90	0.23	53.62
-7	13	6	15.01	32.48	7.66	-8.85
-5	13	6	105.53	14.85	-23.70	-112.37
-3	13	6	144.23	12.41	-146.62	-21.53
-1	13	6	133.73	10.97	-101.90	-87.52
1	13	6	89.50	15.74	-91.51	3.08
3	13	6	50.43	21.45	-43.42	-34.93
5	13	6	147.68	13.18	-61.92	-137.16
7	13	6	51.92	21.56	-50.53	-3.23
9	13	6	32.72	36.41	-28.15	11.08
11	13	6	151.97	12.31	-154.86	16.49
13	13	6	39.15	55.67	3.37	-35.07
15	13	6	26.08	56.99	-24.83	-16.20
-28	14	6	157.37	41.88	132.12	101.27
-26	14	6	60.63	64.52	13.43	-61.39
-24	14	6	18.08	62.93	-21.62	9.22

-22	14	6	38.41	64.03	28.32	41.81
-20	14	6	139.86	34.92	20.15	146.32
-18	14	6	330.35	79.15	-188.01	291.22
-16	14	6	51.28	45.88	-28.44	51.16
-14	14	6	379.82	87.15	92.13	-383.32
-12	14	6	161.31	12.53	28.52	158.18
-10	14	6	114.73	14.06	18.49	107.68
-8	14	6	424.61	40.46	-383.42	-199.13
-6	14	6	118.80	16.78	6.45	-117.02
-4	14	6	304.30	26.81	210.91	229.98
-2	14	6	266.07	25.98	-31.56	266.98
0	14	6	347.84	33.66	264.17	254.36
2	14	6	228.72	21.00	0.45	-233.19
4	14	6	407.32	38.51	292.75	294.45
6	14	6	920.96	51.53	-216.50	934.33
8	14	6	160.28	13.14	-157.73	-50.36
10	14	6	164.01	30.32	-14.26	-165.08
12	14	6	121.23	42.92	91.18	81.88
14	14	6	264.52	20.13	-37.90	266.41
16	14	6	175.85	29.08	-179.70	22.11
18	14	6	141.20	37.34	-85.02	122.63
20	14	6	102.18	55.03	25.82	107.18
-29	15	6	69.03	67.02	35.49	63.31
-25	15	6	32.61	64.00	-25.86	-13.62
-23	15	6	34.51	52.08	-26.66	20.08
-21	15	6	33.13	50.62	26.83	16.16
-19	15	6	74.00	40.20	75.53	-38.19
-17	15	6	29.91	45.45	-27.36	-5.45
-15	15	6	18.27	58.99	-13.49	-22.92
-13	15	6	49.17	58.47	-41.16	33.28
-11	15	6	25.39	59.35	1.10	23.25
-9	15	6	54.57	31.53	9.89	-55.42
-7	15	6	85.91	18.66	-34.98	84.04
-5	15	6	98.82	20.31	83.33	-71.85
-3	15	6	66.37	20.40	-54.29	40.74
-1	15	6	16.27	29.49	-25.46	-0.17
1	15	6	67.19	15.96	-66.74	14.72
3	15	6	12.40	28.57	-16.35	-2.32
5	15	6	40.14	41.07	31.08	-28.01
7	15	6	125.83	38.44	-30.46	126.86
9	15	6	96.75	52.46	-0.49	-98.41
11	15	6	81.49	59.86	-92.60	-9.41
13	15	6	61.83	60.38	19.21	57.66
15	15	6	74.88	60.42	-65.17	37.80
17	15	6	75.45	61.55	-68.42	-45.31
19	15	6	95.79	53.91	73.41	-64.10
21	15	6	40.71	62.16	-10.32	49.41
23	15	6	25.13	65.88	5.93	24.63
25	15	6	20.78	70.11	-5.95	-17.21
-28	16	6	94.90	44.71	10.12	-100.36
-26	16	6	69.17	52.79	70.45	-35.78
-24	16	6	239.32	20.75	-33.39	247.12
-22	16	6	52.66	65.03	-27.06	-45.25
-20	16	6	240.85	21.76	-141.20	214.78

-16	16	6	139.51	33.16	-29.86	148.45
-14	16	6	62.05	61.24	70.11	-2.55
-12	16	6	322.86	21.90	-86.81	330.13
-10	16	6	310.97	18.49	322.86	-37.77
-8	16	6	202.66	26.15	57.01	212.56
-6	16	6	158.01	33.76	-129.02	-98.81
-4	16	6	60.67	29.05	-38.02	-35.14
-2	16	6	117.65	12.79	43.57	-117.35
0	16	6	122.66	14.50	-27.73	-125.20
2	16	6	165.52	15.00	-105.84	-127.97
4	16	6	90.57	60.04	-99.49	-27.83
6	16	6	175.40	26.79	-98.34	-148.25
8	16	6	200.57	30.43	37.63	-206.55
10	16	6	37.46	60.23	28.06	-22.93
12	16	6	159.75	36.64	-45.04	151.45
14	16	6	257.68	28.07	272.38	-21.35
16	16	6	156.93	39.05	-2.48	-160.18
18	16	6	62.85	62.76	-36.29	-62.05
20	16	6	266.47	24.87	-74.10	260.57
22	16	6	87.03	65.05	45.00	-64.84
24	16	6	53.40	64.48	-44.00	42.08
26	16	6	39.97	66.65	39.03	-24.52
28	16	6	28.92	69.01	21.44	20.80
-27	17	6	26.87	58.52	27.17	4.92
-25	17	6	59.18	51.30	22.26	-52.69
-23	17	6	87.68	66.50	-92.21	-0.88
-21	17	6	45.22	64.81	43.01	3.52
-19	17	6	103.14	57.35	34.85	-98.40
-17	17	6	97.90	60.56	-9.19	-99.46
-15	17	6	54.27	62.97	-37.16	34.58
-13	17	6	73.44	57.77	-68.77	-34.33
-11	17	6	115.50	43.69	117.45	0.77
-9	17	6	53.07	59.74	-33.30	-38.74
-7	17	6	123.48	41.55	-43.32	-125.96
-5	17	6	39.33	44.95	42.82	9.99
-3	17	6	34.40	58.07	32.28	-18.62
-1	17	6	27.46	56.31	-16.24	13.09
1	17	6	86.71	50.00	-86.62	-2.49
3	17	6	8.02	58.30	-1.59	-6.29
5	17	6	82.65	60.36	86.10	15.54
7	17	6	114.14	44.84	25.27	-121.74
9	17	6	34.09	62.65	-23.57	11.54
11	17	6	38.55	63.45	37.93	3.14
13	17	6	73.83	65.00	-80.28	19.16
15	17	6	47.54	64.35	48.42	-16.83
19	17	6	53.90	68.13	28.31	-51.02
21	17	6	10.36	66.80	11.28	-9.94
23	17	6	20.90	66.70	-18.19	13.85
25	17	6	73.74	65.89	53.89	-51.90
-24	18	6	51.60	67.27	26.48	44.51
-22	18	6	65.82	66.43	-31.23	-62.95
-20	18	6	84.93	70.32	-77.16	-39.06
-18	18	6	117.50	59.22	51.68	-107.45
-16	18	6	77.08	67.23	72.37	42.04

-14	18	6	23.44	63.91	-26.39	-9.97
-12	18	6	11.27	63.97	-15.73	1.13
-10	18	6	3.20	60.93	-2.88	2.58
-8	18	6	175.66	25.69	159.97	98.23
-6	18	6	410.33	17.07	-4.25	423.16
-4	18	6	128.43	40.27	-130.54	-30.05
-2	18	6	202.84	23.25	-72.90	-195.73
4	18	6	268.18	22.99	-276.32	-41.16
6	18	6	135.46	39.83	-30.58	137.23
8	18	6	137.35	43.45	132.01	59.59
10	18	6	250.50	24.98	-28.98	248.75
12	18	6	55.40	66.65	-31.11	51.70
14	18	6	55.68	67.79	-8.18	59.20
16	18	6	89.84	67.29	87.36	16.29
18	18	6	306.11	26.64	24.13	308.98
20	18	6	49.08	69.72	44.30	-6.05
22	18	6	29.81	69.47	29.48	-20.12
24	18	6	26.47	70.58	14.05	-20.68
-21	19	6	71.95	70.16	-32.13	-74.39
-19	19	6	44.77	67.05	2.20	46.87
-17	19	6	30.02	66.11	18.94	-27.40
-15	19	6	36.26	65.98	-10.27	35.38
-13	19	6	22.59	67.16	22.94	2.64
-11	19	6	44.33	64.35	-43.79	18.38
-9	19	6	70.98	63.01	74.36	-0.16
-7	19	6	70.59	62.74	56.71	-55.83
-3	19	6	36.91	57.24	26.65	-20.26
3	19	6	63.50	60.34	60.70	4.86
5	19	6	9.15	62.45	-9.87	-2.83
7	19	6	99.40	58.28	28.43	-95.46
9	19	6	95.22	64.83	91.02	29.92
11	19	6	28.44	65.83	18.72	-15.77
13	19	6	33.56	68.31	27.71	26.19
15	19	6	43.61	67.36	-46.08	22.00
17	19	6	16.96	66.96	11.98	-12.67
19	19	6	60.91	66.13	14.15	62.95
21	19	6	82.70	72.02	-30.32	-76.09
-18	20	6	52.50	68.83	-52.97	-3.73
-16	20	6	75.29	68.76	8.08	-78.61
-14	20	6	34.87	66.77	-18.46	-43.07
-12	20	6	127.62	51.33	105.45	80.80
-10	20	6	34.61	66.85	-2.64	-30.38
-8	20	6	25.67	64.89	-28.74	-2.54
-6	20	6	79.55	62.11	-47.61	-71.96
-4	20	6	87.62	59.03	90.30	-36.20
4	20	6	102.12	55.61	79.35	-75.50
6	20	6	79.47	66.78	-82.51	-11.13
8	20	6	45.88	65.31	48.79	-27.99
10	20	6	68.68	65.08	-2.51	-59.95
12	20	6	106.75	61.70	-26.17	-101.61
14	20	6	71.00	69.07	-69.56	-11.47
16	20	6	76.36	71.97	69.86	-40.51
-15	21	6	25.52	67.27	14.21	29.98
-13	21	6	17.27	66.97	19.35	-9.90

-11	21	6	105.69	61.17	-45.26	99.64	
-9	21	6	11.78	64.07	9.67	-2.20	
-7	21	6	24.19	66.09	22.88	-5.83	
-5	21	6	46.24	64.00	-36.55	-31.28	
5	21	6	58.33	62.97	-52.24	-20.76	
7	21	6	41.94	64.40	32.02	25.83	
9	21	6	11.20	67.86	-7.05	-15.70	
11	21	6	90.24	67.74	9.56	89.52	
13	21	6	18.43	68.21	14.21	-15.01	
15	21	6	48.53	70.05	5.95	50.90	
-10	22	6	140.58	44.47	-74.61	-132.21	
-8	22	6	102.00	60.27	-104.71	1.45	
6	22	6	152.85	39.02	53.30	140.83	
8	22	6	36.49	65.38	25.00	-14.80	
10	22	6	27.32	68.71	-6.35	-28.75	
-38	0	7	49.42	61.15	-56.87	0.00	
-36	0	7	69.58	59.31	71.90	0.00	
-34	0	7	114.27	38.56	110.90	0.00	
-32	0	7	158.72	27.46	-167.16	0.00	
-22	0	7	125.29	12.72	-123.92	0.00	
-20	0	7	694.92	70.66	718.79	0.00	
-18	0	7	128.13	12.97	126.04	0.00	
-16	0	7	23.83	38.96	-24.28	0.00	
-14	0	7	140.20	14.18	-132.03	0.00	
-10	0	7	127.94	14.24	123.01	0.00	
-8	0	7	2469.30	248.24	2536.56	0.00	
-6	0	7	30.55	35.08	-26.70	0.00	
-4	0	7	300.52	32.45	313.24	0.00	
-2	0	7	101.64	14.33	98.21	0.00	
0	0	7	1072.78	108.48	-1086.15	0.00	0.00
2	0	7	40.41	32.25	50.05	0.00	
4	0	7	813.33	82.05	-830.22	0.00	
6	0	7	3.95	30.78	-13.25	0.00	
-37	1	7	63.21	50.55	55.81	14.06	
-35	1	7	64.42	49.28	-0.77	-60.69	
-33	1	7	79.44	53.56	-5.13	-87.06	
-31	1	7	62.66	53.00	58.15	-10.91	
-29	1	7	36.04	53.41	6.17	39.46	
-27	1	7	27.92	51.68	11.83	24.47	
-25	1	7	109.32	30.10	-13.56	-113.76	
-23	1	7	64.92	20.38	50.27	-37.01	
-21	1	7	87.20	12.51	-5.76	86.70	
-19	1	7	123.64	9.08	-121.15	-28.90	
-17	1	7	127.37	9.10	-57.27	-112.34	
-15	1	7	137.90	14.24	28.17	137.36	
-13	1	7	103.06	13.51	102.38	13.08	
-11	1	7	44.59	39.70	-19.24	-50.48	
-9	1	7	127.93	30.46	40.72	-130.00	
-7	1	7	71.89	37.87	60.81	-36.25	
-5	1	7	83.74	13.95	53.26	62.61	
-3	1	7	63.14	22.42	27.66	54.03	
-1	1	7	7.32	24.76	1.26	10.43	
1	1	7	21.98	23.70	22.35	11.46	
3	1	7	40.80	28.91	0.73	43.44	

5	1	7	194.71	13.82	129.66	147.10
7	1	7	79.67	19.90	20.45	76.49
-38	2	7	208.24	21.12	190.49	-95.32
-36	2	7	40.47	61.41	27.44	-31.13
-34	2	7	299.45	19.16	305.83	-6.03
-32	2	7	120.09	39.74	72.66	-108.98
-30	2	7	133.04	35.30	70.01	-118.41
-28	2	7	569.31	13.17	78.15	571.32
-26	2	7	72.56	52.09	-7.95	104.38
-24	2	7	253.95	17.89	-48.40	-250.92
-22	2	7	614.79	42.97	609.75	-163.98
-20	2	7	110.16	22.13	120.99	-16.31
-18	2	7	82.99	13.15	84.99	-0.95
-16	2	7	832.12	57.84	-102.10	-833.97
-14	2	7	113.83	14.37	-116.66	0.81
-12	2	7	260.48	18.43	63.14	257.12
-10	2	7	276.64	14.75	267.60	-73.79
-8	2	7	916.15	9.13	-140.57	-923.63
-6	2	7	598.19	11.61	612.95	-70.44
-4	2	7	761.10	53.03	198.95	748.00
-2	2	7	892.02	62.34	-907.05	37.22
0	2	7	204.07	16.21	-23.31	-211.61
2	2	7	67.38	19.03	65.37	-15.67
4	2	7	184.04	9.18	70.97	175.22
6	2	7	683.13	7.26	666.34	-206.42
8	2	7	640.20	6.58	-14.38	-661.90
-37	3	7	28.09	64.56	-13.67	18.79
-35	3	7	19.80	63.11	-2.41	14.68
-33	3	7	44.32	60.27	-30.29	-28.79
-31	3	7	100.21	48.43	-85.66	50.01
-29	3	7	83.33	48.70	38.04	64.29
-27	3	7	80.06	51.92	-30.22	-65.49
-25	3	7	112.45	36.66	8.32	-104.71
-23	3	7	134.83	12.96	-33.58	128.49
-21	3	7	173.19	11.85	31.50	169.20
-19	3	7	106.04	14.36	86.98	49.17
-17	3	7	22.99	28.17	-23.81	-4.40
-15	3	7	105.84	9.93	-108.76	3.80
-13	3	7	149.95	13.67	6.39	151.95
-11	3	7	13.99	43.64	15.63	3.93
-9	3	7	170.85	30.01	-35.84	-163.50
-7	3	7	128.93	39.26	-74.05	109.51
-5	3	7	95.06	13.69	-63.09	63.31
-3	3	7	49.90	17.76	-22.50	-40.73
-1	3	7	204.77	71.22	-90.01	-184.08
1	3	7	36.49	21.49	-23.73	-27.30
3	3	7	47.07	28.96	-17.29	-39.66
5	3	7	133.64	17.29	-127.08	-52.15
7	3	7	114.73	30.82	-40.29	-116.99
9	3	7	138.14	20.81	-39.09	-131.02
-38	4	7	76.61	69.96	23.44	-71.95
-36	4	7	94.35	67.50	-62.87	70.65
-34	4	7	83.41	63.84	-50.09	-73.89
-32	4	7	354.97	18.33	315.33	-183.43

-30	4	7	58.75	57.75	38.78	36.57
-28	4	7	91.70	49.06	-32.87	90.46
-26	4	7	113.95	35.10	-66.73	93.53
-24	4	7	334.70	22.83	297.29	-166.80
-22	4	7	297.18	20.46	58.35	-296.13
-20	4	7	664.60	46.66	665.28	-109.75
-18	4	7	283.96	19.72	-165.39	-236.60
-16	4	7	431.53	29.21	397.07	-194.23
-14	4	7	236.24	15.90	183.01	152.10
-12	4	7	140.23	22.45	-71.95	132.32
-10	4	7	744.28	52.38	-297.64	-696.57
-8	4	7	614.63	12.56	585.29	-245.72
-6	4	7	751.59	52.94	-153.31	-746.66
-4	4	7	1175.01	82.37	1114.29	-466.98
-2	4	7	135.06	9.43	34.20	129.08
0	4	7	528.32	14.46	536.38	-105.35
2	4	7	507.91	7.57	207.04	476.00
4	4	7	2417.18	101.61	2334.28	-848.46
6	4	7	621.15	8.12	-186.86	-593.37
8	4	7	502.06	6.56	516.45	-43.51
10	4	7	33.27	39.95	35.21	12.76
12	4	7	274.51	4.55	-273.15	33.33
-37	5	7	34.13	69.77	-24.32	4.11
-35	5	7	22.44	66.84	7.58	-8.99
-33	5	7	56.30	63.73	5.35	64.86
-31	5	7	29.54	64.86	-11.61	12.22
-29	5	7	54.52	60.77	-25.53	-50.33
-27	5	7	121.19	42.07	53.19	109.31
-25	5	7	122.22	37.40	118.92	7.79
-23	5	7	80.87	21.50	-50.07	-60.06
-21	5	7	60.49	26.51	48.14	-32.13
-19	5	7	100.80	15.91	100.93	39.63
-17	5	7	168.54	11.93	162.75	34.50
-15	5	7	69.66	27.54	46.06	54.52
-13	5	7	25.84	32.51	3.77	-19.16
-11	5	7	104.56	17.53	37.09	-98.29
-9	5	7	204.10	11.89	57.69	201.47
-7	5	7	110.17	17.75	82.99	67.16
-5	5	7	84.18	11.98	22.99	85.91
-3	5	7	170.58	11.85	67.02	157.80
-1	5	7	112.16	29.09	116.64	12.10
1	5	7	199.18	14.30	142.10	144.72
3	5	7	229.17	98.80	147.81	176.81
5	5	7	129.76	11.28	66.16	111.77
7	5	7	99.24	20.59	52.50	87.85
9	5	7	196.84	10.84	128.81	153.70
11	5	7	203.68	18.47	102.08	181.50
-36	6	7	71.38	70.86	-18.24	-70.04
-34	6	7	308.10	24.05	232.14	-219.46
-32	6	7	104.91	62.92	69.48	78.68
-30	6	7	303.44	21.75	281.19	-112.41
-28	6	7	165.83	37.60	-77.42	-150.26
-26	6	7	517.59	18.73	428.26	-314.38
-24	6	7	105.28	18.58	97.27	52.88

-22	6	7	75.85	23.42	79.13	8.39
-20	6	7	198.67	14.21	-85.70	-179.67
-18	6	7	299.31	20.18	155.16	-266.34
-16	6	7	1002.48	70.44	446.31	911.61
-14	6	7	581.75	40.32	-481.91	344.79
-12	6	7	69.25	40.59	-62.95	73.43
-10	6	7	370.21	26.27	297.98	-237.47
-8	6	7	117.30	21.47	110.11	65.58
-6	6	7	458.06	32.35	-409.15	230.18
-4	6	7	425.15	49.70	-201.81	-384.72
-2	6	7	634.56	12.17	531.33	-372.14
0	6	7	952.43	18.03	378.03	893.09
2	6	7	492.55	18.44	437.87	-229.85
4	6	7	238.17	8.46	-175.85	-146.66
6	6	7	606.98	36.35	516.39	-341.69
8	6	7	259.80	11.34	143.03	218.51
10	6	7	267.73	12.83	232.64	-137.93
-35	7	7	82.10	73.56	14.47	72.84
-33	7	7	80.91	69.98	22.89	72.30
-27	7	7	102.02	59.07	-91.47	-65.28
-25	7	7	87.58	63.44	-43.49	72.29
-23	7	7	10.68	35.13	-8.69	6.98
-21	7	7	127.61	16.52	-76.69	-105.58
-19	7	7	103.88	16.52	-4.89	106.66
-17	7	7	78.51	21.06	-56.63	42.25
-15	7	7	161.28	13.36	-0.68	-159.70
-13	7	7	206.36	17.05	-179.10	-109.33
-11	7	7	144.00	11.71	-91.63	114.26
-9	7	7	97.29	16.19	36.38	90.01
-7	7	7	16.32	31.83	-10.93	-18.10
-5	7	7	147.28	10.67	-128.53	-74.12
-3	7	7	182.19	12.36	-173.78	-69.61
-1	7	7	60.86	77.07	-39.51	44.82
1	7	7	187.98	7.45	-165.84	-85.22
3	7	7	155.73	23.55	-137.72	-67.31
5	7	7	100.63	34.46	-36.09	-95.50
7	7	7	78.11	21.55	-65.01	47.48
9	7	7	83.54	27.70	-59.25	70.16
11	7	7	319.46	10.59	-296.93	-141.13
-36	8	7	78.96	76.60	-78.33	-11.73
-34	8	7	46.69	73.54	-21.51	-37.85
-32	8	7	86.23	73.70	84.97	18.88
-30	8	7	93.55	72.52	-97.35	2.28
-28	8	7	167.86	40.98	114.62	-126.02
-24	8	7	193.64	32.62	-33.98	184.89
-22	8	7	137.25	15.12	-115.30	-62.74
-20	8	7	338.00	13.39	159.86	-314.60
-18	8	7	21.61	36.18	-13.09	13.61
-16	8	7	408.40	28.43	351.19	-222.59
-14	8	7	263.11	16.10	53.48	255.47
-12	8	7	592.73	40.19	411.13	-437.03
-10	8	7	458.32	32.16	313.37	347.17
-8	8	7	994.17	70.12	861.95	-533.76
-6	8	7	168.63	14.85	-165.82	-19.02

-4	8	7	672.25	47.91	556.12	-391.98
-2	8	7	389.44	26.35	247.40	305.44
0	8	7	103.55	28.41	30.97	-122.79
2	8	7	496.05	8.98	-332.69	-381.46
4	8	7	170.05	42.22	168.14	-75.42
6	8	7	340.96	12.04	-262.26	-231.96
8	8	7	293.36	39.96	165.20	-274.21
10	8	7	24.28	37.16	-5.38	30.33
12	8	7	213.36	11.88	213.19	-42.03
-35	9	7	35.09	78.07	-22.13	-25.62
-33	9	7	10.94	76.00	9.42	-19.50
-25	9	7	59.73	69.03	-48.44	23.47
-23	9	7	60.55	69.23	14.38	-49.83
-21	9	7	115.66	17.62	38.23	106.54
-19	9	7	74.23	27.13	-54.53	-51.68
-17	9	7	68.07	25.39	-42.90	-43.08
-15	9	7	169.85	12.39	16.16	164.45
-13	9	7	86.49	18.50	21.28	-93.45
-11	9	7	89.67	17.59	46.63	75.56
-9	9	7	30.71	31.46	-19.79	-13.61
-7	9	7	110.55	16.06	84.79	75.28
-5	9	7	113.62	11.62	114.99	-5.01
-3	9	7	77.58	18.36	25.48	65.85
-1	9	7	63.76	18.29	19.23	61.21
1	9	7	42.55	28.17	-32.57	-24.27
3	9	7	83.84	25.37	10.83	83.31
5	9	7	307.45	95.84	258.53	179.94
7	9	7	126.64	15.91	98.77	76.45
9	9	7	61.51	30.36	-37.45	45.60
11	9	7	94.77	22.77	43.89	87.35
-34	10	7	45.15	76.84	-13.24	-40.18
-32	10	7	80.46	77.18	-25.69	-84.45
-30	10	7	108.42	73.66	-50.99	-94.53
-28	10	7	156.14	53.79	84.87	135.27
-26	10	7	294.86	29.28	-198.69	224.97
-24	10	7	52.38	72.47	-38.23	-36.18
-22	10	7	268.85	29.83	4.14	-282.43
-20	10	7	103.79	23.15	115.89	16.11
-18	10	7	154.31	12.30	-101.39	121.29
-16	10	7	286.10	19.47	-178.54	-231.74
-14	10	7	565.60	38.93	178.82	-543.99
-12	10	7	135.97	18.74	143.47	36.18
-10	10	7	306.62	21.20	-199.77	233.94
-8	10	7	83.75	16.55	62.12	55.85
-6	10	7	305.49	21.28	-245.35	-194.31
-4	10	7	543.19	37.37	416.80	355.25
-2	10	7	810.69	20.02	-573.31	593.30
0	10	7	487.39	35.05	-328.35	-366.70
2	10	7	168.58	17.27	-145.15	-113.27
4	10	7	51.96	29.48	15.56	-64.95
6	10	7	379.74	26.42	-342.48	161.51
8	10	7	148.53	18.23	-63.89	-144.21
10	10	7	216.93	52.18	-211.38	-54.20
12	10	7	281.89	8.30	156.99	236.64

-33	11	7	65.21	76.94	23.66	-52.61
-31	11	7	22.27	74.69	-15.05	-21.96
-29	11	7	36.30	73.16	-33.86	22.28
-27	11	7	82.63	72.96	-9.30	-78.51
-25	11	7	25.13	72.15	-20.58	1.31
-23	11	7	62.95	70.67	4.76	57.51
-21	11	7	129.04	51.25	120.62	-23.60
-19	11	7	61.47	30.57	26.50	-57.55
-17	11	7	63.68	30.55	-51.32	-37.00
-15	11	7	128.90	15.10	-120.61	-52.52
-13	11	7	98.20	19.57	62.70	77.24
-11	11	7	132.88	13.28	-58.09	-120.77
-9	11	7	101.10	16.23	45.82	-89.03
-7	11	7	94.63	16.36	60.82	-66.78
-5	11	7	59.60	24.68	-46.23	-44.00
-3	11	7	178.47	11.05	96.65	-149.92
-1	11	7	282.88	20.05	-276.96	-66.75
1	11	7	85.08	16.47	-44.40	-74.60
3	11	7	98.21	16.23	54.29	-86.77
5	11	7	145.66	11.76	-21.83	-144.56
7	11	7	142.15	10.03	-38.77	-133.64
9	11	7	99.20	12.32	-73.81	-64.97
11	11	7	172.92	10.83	33.42	-166.89
13	11	7	112.90	16.77	-110.12	15.62
-32	12	7	61.91	76.14	17.63	-60.59
-30	12	7	124.15	61.71	-122.36	-6.19
-28	12	7	82.68	74.08	-17.09	86.59
-26	12	7	18.48	69.88	12.62	15.66
-24	12	7	93.47	66.86	-63.64	-61.12
-22	12	7	98.08	62.87	75.70	70.47
-20	12	7	367.18	21.20	273.70	-244.89
-18	12	7	215.38	15.19	-203.39	-69.46
-16	12	7	328.35	23.54	170.22	-281.61
-14	12	7	67.04	24.97	-49.10	-49.17
-12	12	7	29.27	33.77	41.55	0.56
-10	12	7	400.50	27.78	-338.46	-223.79
-8	12	7	633.17	42.10	245.30	-593.67
-6	12	7	215.50	15.23	-170.16	-135.17
-4	12	7	273.17	15.41	90.49	-265.28
-2	12	7	113.23	12.90	-109.89	-11.80
0	12	7	324.85	22.71	154.91	-289.91
2	12	7	213.43	13.59	152.89	154.30
4	12	7	359.29	25.14	265.59	-254.00
6	12	7	69.13	21.40	-49.31	52.19
8	12	7	490.77	34.30	247.32	-425.46
10	12	7	296.32	9.53	227.80	182.30
12	12	7	546.39	25.52	-341.24	434.58
14	12	7	310.74	16.67	-212.28	-233.86
16	12	7	98.70	54.95	54.27	-80.55
-31	13	7	45.24	70.37	-38.50	-17.19
-29	13	7	9.45	72.29	-6.24	2.23
-27	13	7	124.13	48.51	92.55	86.31
-25	13	7	87.55	66.88	46.73	-64.37
-23	13	7	54.10	65.88	56.94	-12.06

-21	13	7	57.38	65.19	-49.52	13.82
-19	13	7	151.18	35.24	153.36	8.92
-17	13	7	48.89	36.60	44.30	-24.44
-15	13	7	47.11	38.80	1.85	40.71
-13	13	7	24.89	35.40	15.51	28.63
-11	13	7	8.63	34.07	15.47	-3.27
-9	13	7	124.28	14.62	116.46	48.32
-7	13	7	92.90	17.92	72.27	-53.60
-5	13	7	62.25	25.90	34.49	57.20
-3	13	7	73.29	19.20	26.13	66.44
-1	13	7	76.44	17.13	75.22	20.66
1	13	7	153.41	10.07	139.28	59.87
3	13	7	89.12	15.36	93.30	-5.26
5	13	7	32.88	30.59	29.00	18.39
7	13	7	105.48	12.49	103.88	-20.53
9	13	7	141.60	15.52	135.46	-16.14
11	13	7	118.14	17.79	37.60	109.80
13	13	7	30.57	37.16	-2.91	-35.68
15	13	7	23.25	59.26	-3.78	16.40
17	13	7	211.30	26.79	191.01	92.92
-30	14	7	59.36	72.10	19.12	-55.66
-28	14	7	92.97	70.18	-36.92	-91.93
-26	14	7	276.36	27.05	60.60	-273.52
-24	14	7	84.61	69.21	-51.28	-67.05
-22	14	7	66.87	65.00	45.23	-55.62
-20	14	7	117.63	36.72	-45.88	-110.14
-18	14	7	150.35	23.96	-124.90	-73.99
-16	14	7	18.67	46.70	17.28	14.64
-14	14	7	598.87	42.07	-149.91	581.55
-12	14	7	300.42	20.66	-250.55	-164.45
-10	14	7	195.19	15.76	-70.48	-194.06
-8	14	7	242.21	15.07	-162.80	-182.03
-6	14	7	78.59	20.92	72.78	45.75
-4	14	7	255.83	9.38	-157.81	-199.10
-2	14	7	180.18	13.37	-102.05	-157.86
0	14	7	27.59	29.95	37.27	-21.76
2	14	7	45.07	29.77	14.46	41.12
4	14	7	131.00	15.09	-77.71	-88.15
6	14	7	295.64	27.57	59.30	-294.59
8	14	7	198.80	14.70	195.72	-22.28
10	14	7	136.77	15.44	23.11	-139.57
12	14	7	329.75	8.07	-249.73	-214.92
14	14	7	65.99	60.72	34.55	61.56
16	14	7	221.94	24.00	-143.57	-164.33
18	14	7	244.50	25.13	-17.05	-248.07
20	14	7	258.98	29.40	-209.39	-144.72
22	14	7	67.63	68.56	30.26	-68.97
-29	15	7	34.64	71.35	-1.84	33.67
-27	15	7	15.28	69.83	-16.82	-7.28
-25	15	7	57.74	57.40	34.70	40.20
-23	15	7	30.38	55.44	-6.74	-26.52
-21	15	7	116.46	48.38	104.04	-53.81
-19	15	7	20.71	48.89	1.37	23.03
-17	15	7	43.13	48.83	5.25	44.31

-15	15	7	90.36	59.15	78.25	-50.63
-13	15	7	86.81	61.76	-38.09	80.95
-11	15	7	70.68	26.72	68.55	9.07
-9	15	7	75.84	26.12	68.80	-41.88
-7	15	7	51.74	33.19	46.15	-7.34
-5	15	7	78.07	21.21	14.33	-71.28
-3	15	7	140.91	11.94	-57.46	131.64
-1	15	7	85.10	16.87	84.57	-31.20
1	15	7	29.04	30.96	-3.73	25.95
3	15	7	38.19	30.09	20.35	36.95
5	15	7	95.82	46.62	25.30	-90.77
7	15	7	24.84	41.35	-18.67	25.44
9	15	7	85.09	64.47	75.40	-34.72
11	15	7	100.40	55.70	-84.47	60.23
13	15	7	48.40	66.20	-40.34	24.29
15	15	7	35.18	64.72	36.53	16.14
17	15	7	41.68	65.13	5.32	-40.09
21	15	7	20.94	65.23	25.34	1.17
23	15	7	63.05	63.43	45.52	-38.37
25	15	7	42.11	72.69	7.56	33.47
27	15	7	29.25	74.39	28.22	-15.87
-28	16	7	35.01	65.18	37.12	-26.45
-26	16	7	124.96	34.80	78.64	90.72
-24	16	7	87.00	45.83	24.77	-91.19
-22	16	7	128.90	29.88	-131.23	-16.49
-20	16	7	258.27	16.62	29.47	-261.63
-18	16	7	164.98	41.08	-156.18	44.10
-16	16	7	57.03	63.85	-51.52	13.60
-14	16	7	145.41	43.41	95.37	109.95
-12	16	7	135.19	44.58	-28.51	-129.10
-10	16	7	149.99	35.10	42.01	147.40
-8	16	7	350.29	23.90	145.73	-318.07
-6	16	7	226.94	13.92	-211.07	84.36
-4	16	7	562.26	17.51	77.86	-559.59
-2	16	7	237.58	14.30	189.72	136.43
0	16	7	235.41	15.33	-57.29	227.92
2	16	7	131.14	10.08	-129.45	-22.26
4	16	7	584.17	17.12	45.56	-584.34
6	16	7	327.70	22.20	-337.19	-14.88
8	16	7	202.96	31.36	92.87	-182.88
10	16	7	115.85	51.97	60.70	101.25
12	16	7	240.12	28.36	3.46	-241.94
14	16	7	254.51	26.94	177.12	180.46
16	16	7	207.09	34.92	40.54	211.33
18	16	7	125.40	53.71	-105.21	46.07
20	16	7	260.54	30.21	-36.58	-259.31
24	16	7	246.40	27.82	-50.07	244.95
26	16	7	33.46	67.49	33.50	13.01
-25	17	7	21.46	53.74	23.05	7.05
-23	17	7	55.91	68.59	-40.36	-37.26
-21	17	7	5.90	68.00	10.29	6.29
-19	17	7	45.09	69.09	-44.30	-2.38
-17	17	7	34.55	68.69	-22.72	21.54
-15	17	7	77.86	64.69	46.26	64.74

-13	17	7	61.76	63.43	36.71	-54.57
-11	17	7	13.43	64.01	-16.90	-5.41
-9	17	7	60.73	61.08	-52.92	29.06
-7	17	7	57.71	48.45	57.56	-11.90
-5	17	7	30.51	48.70	-4.69	24.20
-3	17	7	57.12	30.12	45.57	-28.53
-1	17	7	93.46	16.81	-23.35	83.84
1	17	7	41.58	57.52	-35.44	15.96
5	17	7	55.72	61.78	59.08	2.44
7	17	7	23.22	63.46	8.16	20.20
9	17	7	86.80	64.55	-14.36	86.63
11	17	7	6.16	68.64	9.06	-6.48
13	17	7	89.00	68.28	87.84	20.23
15	17	7	95.26	66.25	87.05	11.66
17	17	7	88.44	72.29	-71.71	50.32
19	17	7	45.30	71.72	45.04	-13.00
21	17	7	29.21	70.80	-4.65	-15.98
23	17	7	58.80	71.33	-17.87	54.87
25	17	7	30.64	70.43	-17.99	-24.66
-24	18	7	104.38	72.76	-104.03	-17.77
-22	18	7	154.65	47.16	-45.45	-149.01
-20	18	7	129.98	55.93	-125.68	-15.90
-18	18	7	42.65	70.10	8.33	-40.48
-16	18	7	114.35	57.75	101.48	-55.83
-14	18	7	120.65	54.84	-48.25	-105.64
-12	18	7	52.57	65.91	39.54	33.47
-10	18	7	50.37	63.30	42.36	23.52
-8	18	7	94.74	40.95	-90.46	-28.12
-6	18	7	116.61	45.62	-99.56	37.15
-4	18	7	52.36	62.05	49.16	27.40
-2	18	7	174.04	30.67	24.80	169.11
2	18	7	20.49	61.47	-12.61	15.36
4	18	7	233.91	23.74	-219.63	-70.29
6	18	7	145.16	41.11	-38.65	-142.80
8	18	7	284.21	24.88	-279.58	-34.42
10	18	7	116.50	53.68	-36.98	-109.93
12	18	7	64.61	67.43	37.64	57.57
14	18	7	149.08	54.56	-81.98	-114.52
16	18	7	14.17	70.55	3.78	17.63
18	18	7	60.22	70.73	2.35	-66.19
20	18	7	59.54	73.95	-23.02	-45.79
22	18	7	189.33	40.19	-34.88	-189.17
-21	19	7	1.87	74.16	1.42	1.31
-19	19	7	19.95	69.56	10.33	-17.18
-17	19	7	9.14	69.27	6.59	-6.62
-15	19	7	55.74	67.79	-42.84	38.45
-13	19	7	15.09	70.59	-13.00	-1.95
-9	19	7	69.41	66.54	41.15	-52.60
-7	19	7	56.83	65.19	-60.35	-10.06
-5	19	7	54.13	63.33	8.34	55.71
-3	19	7	83.90	60.09	-20.85	-79.11
3	19	7	54.54	62.79	-42.01	-29.49
5	19	7	19.33	65.11	9.54	-11.06
9	19	7	76.20	67.27	-20.00	69.23

11	19	7	39.62	68.65	1.75	-34.90
13	19	7	24.40	71.95	-11.84	16.67
17	19	7	41.65	70.72	15.43	-36.14
19	19	7	24.34	68.79	-22.68	1.92
21	19	7	26.32	73.11	22.44	-8.96
-18	20	7	59.63	73.92	-46.18	25.58
-16	20	7	216.31	36.61	-52.29	-208.35
-14	20	7	182.80	39.50	179.52	21.66
-12	20	7	67.56	68.19	-62.01	-26.65
-10	20	7	96.39	67.18	-92.54	-26.48
-8	20	7	279.85	26.81	-132.56	-242.48
-6	20	7	276.04	26.05	-270.68	55.26
-4	20	7	70.05	60.84	-74.79	11.30
4	20	7	148.90	41.75	24.77	145.52
6	20	7	198.71	37.59	-175.53	80.98
8	20	7	252.76	28.85	-184.39	-166.49
10	20	7	62.45	69.90	36.15	41.95
12	20	7	218.33	33.18	1.01	219.19
14	20	7	88.89	72.90	80.79	-36.31
16	20	7	198.56	37.79	-123.22	-147.34
18	20	7	102.54	75.31	-103.03	33.76
-15	21	7	25.05	69.75	-20.99	-23.70
-13	21	7	13.44	70.85	7.02	10.03
-11	21	7	56.25	68.47	-38.34	-41.82
-7	21	7	22.34	66.70	5.60	-27.49
-5	21	7	56.10	63.65	-27.46	-48.88
5	21	7	53.04	65.36	-3.73	-52.15
7	21	7	46.66	66.92	38.46	-38.17
9	21	7	76.10	71.37	-0.03	-70.90
11	21	7	15.58	68.20	5.32	7.23
13	21	7	32.50	72.35	-18.99	-30.33
-8	22	7	149.79	40.55	-152.07	15.08
6	22	7	124.01	46.47	25.88	126.43
8	22	7	56.22	64.09	-56.28	3.79
-36	0	8	1.56	58.66	1.46	0.00
-34	0	8	70.04	58.23	-71.90	0.00
-32	0	8	293.23	26.91	301.59	0.00
-30	0	8	23.37	54.60	35.86	0.00
-28	0	8	422.76	38.42	432.35	0.00
-26	0	8	24.87	50.24	-22.06	0.00
-22	0	8	83.05	16.63	91.38	0.00
-20	0	8	409.61	37.23	424.12	0.00
-18	0	8	80.34	19.57	-83.03	0.00
-16	0	8	141.64	28.38	-142.50	0.00
-14	0	8	19.99	32.80	18.72	0.00
-12	0	8	712.78	64.87	719.23	0.00
-10	0	8	9.16	37.46	4.63	0.00
-8	0	8	1209.43	110.44	1224.14	0.00
-6	0	8	27.47	38.71	26.96	0.00
-4	0	8	890.89	81.02	892.50	0.00
-2	0	8	45.85	32.60	35.03	0.00
0	0	8	1.53	30.06	-1.23	0.00
2	0	8	29.08	35.34	-29.63	0.00
4	0	8	63.97	28.85	-63.59	0.00

6	0	8	3.04	33.76	0.99	0.00
-37	1	8	27.85	52.10	-16.74	-28.16
-35	1	8	75.61	45.45	-11.07	-76.16
-33	1	8	102.18	31.35	58.13	83.71
-31	1	8	36.99	55.40	8.20	-50.78
-29	1	8	113.48	35.82	-59.89	-106.06
-27	1	8	61.26	54.90	34.82	48.19
-25	1	8	87.50	15.82	41.00	73.00
-23	1	8	167.55	10.41	-76.91	-151.70
-21	1	8	138.54	9.62	-131.14	39.63
-19	1	8	47.35	21.11	48.71	-11.32
-17	1	8	103.18	10.22	53.27	86.29
-15	1	8	130.10	16.31	-117.96	72.24
-13	1	8	68.39	20.54	-73.53	-6.11
-11	1	8	97.25	22.73	-56.59	82.07
-9	1	8	131.73	20.93	38.38	123.49
-7	1	8	40.37	32.63	-40.63	8.85
-5	1	8	104.84	12.03	-37.73	95.55
-3	1	8	74.73	20.30	-14.88	73.73
-1	1	8	54.44	17.08	43.45	25.56
1	1	8	19.96	24.52	-17.04	-12.36
3	1	8	119.21	9.65	-31.89	111.95
5	1	8	137.56	10.35	14.33	135.50
7	1	8	165.86	10.42	-45.50	-158.80
-36	2	8	50.27	53.10	-1.73	-47.55
-34	2	8	46.60	61.51	-48.68	7.22
-32	2	8	111.85	41.33	30.17	105.52
-30	2	8	408.97	17.65	-415.50	65.47
-28	2	8	126.29	35.14	-45.63	112.73
-26	2	8	111.17	14.33	-91.74	66.75
-24	2	8	450.84	28.61	92.47	445.88
-22	2	8	323.35	19.34	-331.79	8.52
-20	2	8	110.31	10.70	-36.23	104.45
-18	2	8	710.54	19.57	-657.40	280.68
-16	2	8	243.69	14.36	-66.16	-234.10
-14	2	8	109.35	16.01	17.18	-105.04
-12	2	8	617.71	38.77	-163.28	-605.70
-10	2	8	335.84	10.42	329.91	54.62
-8	2	8	412.42	9.52	76.53	409.52
-6	2	8	577.81	36.59	-583.30	-48.32
-4	2	8	274.99	16.19	17.53	275.20
-2	2	8	155.31	15.51	132.02	70.97
0	2	8	140.39	8.92	-22.76	134.96
2	2	8	955.90	60.73	948.25	-176.87
4	2	8	42.74	31.53	24.10	-33.75
6	2	8	583.01	8.53	-550.11	204.34
8	2	8	612.43	5.75	124.00	600.36
-37	3	8	39.23	67.91	14.77	-28.99
-35	3	8	92.00	63.24	-21.83	89.16
-33	3	8	49.25	59.87	-18.19	50.63
-31	3	8	97.65	52.89	52.31	-84.74
-29	3	8	83.61	55.99	-27.73	-64.94
-27	3	8	54.00	57.31	-62.10	14.43
-25	3	8	106.33	15.31	7.37	115.33

-23	3	8	61.37	24.72	39.83	45.74
-21	3	8	142.36	12.11	52.99	-131.74
-19	3	8	49.54	28.75	34.17	51.21
-17	3	8	166.41	48.97	-118.25	126.37
-15	3	8	213.83	13.69	104.91	-186.91
-13	3	8	52.23	28.72	48.96	-2.33
-11	3	8	82.17	26.68	4.23	83.58
-9	3	8	56.20	59.18	-56.03	28.92
-7	3	8	121.13	16.96	98.18	-70.43
-5	3	8	118.38	12.66	-24.40	-117.26
-3	3	8	48.98	13.63	24.19	-37.70
-1	3	8	131.40	14.07	7.41	-127.53
1	3	8	27.55	19.82	24.77	-4.12
3	3	8	59.70	19.76	28.62	59.77
5	3	8	40.70	38.76	38.29	-11.20
7	3	8	121.43	17.89	100.40	-70.94
9	3	8	83.32	32.07	-27.05	83.03
-36	4	8	66.79	68.73	34.42	-55.41
-34	4	8	140.51	41.28	97.45	108.55
-32	4	8	163.03	34.94	171.87	1.42
-30	4	8	81.27	60.18	-69.73	34.28
-28	4	8	97.82	52.26	-86.54	-29.26
-26	4	8	204.07	12.04	128.89	167.47
-24	4	8	188.31	12.78	164.34	-91.74
-22	4	8	250.99	13.81	26.56	250.23
-20	4	8	619.10	39.48	583.55	-219.60
-18	4	8	341.25	20.03	158.34	308.26
-16	4	8	350.94	21.69	326.83	-130.62
-14	4	8	163.52	11.17	-87.39	-137.38
-12	4	8	293.74	17.22	-274.18	129.38
-10	4	8	223.32	13.56	79.43	209.18
-8	4	8	206.96	20.94	-8.12	-185.56
-6	4	8	253.13	15.91	20.02	251.22
-4	4	8	1353.93	86.37	-1289.04	462.01
-2	4	8	272.54	12.48	66.35	266.29
0	4	8	893.28	25.06	-896.05	167.34
2	4	8	131.63	12.34	-23.82	128.31
4	4	8	1231.63	30.90	1198.62	-313.07
6	4	8	910.85	7.09	249.19	871.07
8	4	8	36.93	38.37	10.42	-58.40
10	4	8	641.03	7.06	165.65	623.73
-37	5	8	18.99	73.56	16.61	7.71
-33	5	8	124.68	52.76	-121.19	-44.10
-31	5	8	42.25	64.51	-33.34	-26.88
-29	5	8	31.54	64.10	24.65	-9.77
-27	5	8	90.98	61.02	-90.18	29.93
-25	5	8	103.12	16.98	-55.33	-87.87
-23	5	8	40.15	36.10	-40.84	-5.78
-21	5	8	52.67	31.44	52.55	18.56
-19	5	8	19.47	35.76	-11.62	-18.89
-17	5	8	135.28	13.93	-87.28	-104.54
-15	5	8	68.30	30.31	-49.81	32.60
-13	5	8	103.06	17.48	96.08	-34.20
-11	5	8	100.66	20.10	-60.64	-77.77

-9	5	8	129.44	11.35	-83.86	99.36
-7	5	8	52.72	23.88	15.78	-51.88
-5	5	8	49.05	18.94	-45.57	-21.56
-3	5	8	87.39	11.64	-71.84	-45.53
-1	5	8	141.08	13.75	-140.46	25.05
1	5	8	56.93	9.54	-40.51	39.43
3	5	8	153.38	147.97	-22.19	-154.38
5	5	8	110.35	13.27	-108.65	8.47
7	5	8	29.56	40.00	25.63	3.20
9	5	8	205.67	13.44	-136.69	-153.56
11	5	8	142.40	12.98	-136.74	-42.90
-36	6	8	76.36	72.38	55.38	43.07
-34	6	8	152.36	51.29	-114.26	108.76
-30	6	8	312.53	25.49	-256.92	179.02
-28	6	8	181.09	33.20	-46.80	-168.71
-26	6	8	176.37	32.47	-154.71	98.46
-24	6	8	316.35	18.90	-196.85	-256.86
-22	6	8	270.04	16.55	235.50	-123.12
-20	6	8	147.22	17.00	144.37	57.42
-18	6	8	774.70	49.32	-683.95	386.21
-16	6	8	59.08	37.82	-79.03	17.75
-14	6	8	560.06	35.22	-452.32	319.76
-12	6	8	125.91	13.86	74.24	109.46
-10	6	8	40.07	47.19	-36.33	-3.41
-8	6	8	283.84	18.29	-143.76	-249.77
-6	6	8	686.67	18.89	-498.55	475.15
-4	6	8	45.88	39.18	48.83	-51.33
-2	6	8	96.45	19.78	-66.30	-55.03
0	6	8	761.15	20.03	-405.44	-651.06
2	6	8	100.44	35.20	56.69	76.79
4	6	8	82.35	19.10	53.29	72.11
6	6	8	763.15	6.63	606.53	-482.11
8	6	8	72.69	29.49	-37.69	-72.56
10	6	8	158.51	14.09	-93.65	147.77
12	6	8	159.56	13.60	-50.15	-144.70
-35	7	8	19.53	76.43	10.36	18.20
-31	7	8	61.27	69.22	11.52	68.21
-29	7	8	160.48	42.21	-28.09	159.66
-27	7	8	111.31	51.91	59.12	-95.95
-25	7	8	82.14	23.86	77.48	-15.53
-23	7	8	103.06	18.31	20.24	108.18
-21	7	8	120.94	17.33	82.06	98.42
-19	7	8	80.65	21.78	35.68	-74.25
-17	7	8	105.54	28.41	-29.36	-101.90
-15	7	8	33.46	35.50	-24.09	33.31
-13	7	8	74.48	24.11	61.10	51.28
-11	7	8	173.87	11.11	168.57	-37.79
-9	7	8	114.07	19.07	36.22	-109.30
-7	7	8	38.14	31.47	30.75	16.91
-5	7	8	92.42	16.30	87.67	31.91
-3	7	8	84.90	17.84	-71.10	-36.81
-1	7	8	148.18	14.06	149.12	3.87
1	7	8	68.36	33.38	-25.99	-68.16
3	7	8	163.64	111.07	155.19	54.84

5	7	8	124.19	14.77	122.97	-27.65
7	7	8	81.29	20.60	6.86	79.46
9	7	8	126.73	19.67	128.42	16.08
11	7	8	148.11	15.46	89.96	-120.33
-34	8	8	90.53	77.05	-72.75	-54.57
-32	8	8	156.35	50.91	60.84	-142.05
-28	8	8	93.28	71.28	88.30	-8.75
-26	8	8	93.84	71.00	-85.44	-28.27
-24	8	8	210.42	13.80	125.73	-164.94
-22	8	8	104.31	19.02	39.41	-102.40
-20	8	8	327.80	21.07	246.75	-221.40
-18	8	8	137.40	13.30	-86.59	-105.75
-16	8	8	449.54	29.97	-393.27	216.89
-14	8	8	457.28	30.48	377.78	272.26
-12	8	8	416.87	22.66	-384.65	170.83
-10	8	8	53.19	33.30	-51.62	-14.90
-8	8	8	1103.03	74.76	931.01	-611.64
-6	8	8	469.81	30.99	353.63	315.15
-4	8	8	129.09	25.01	-106.71	-1.06
-2	8	8	296.15	19.98	187.06	234.44
0	8	8	592.87	20.08	-445.03	417.47
2	8	8	172.74	12.35	-50.32	-167.61
4	8	8	319.81	8.25	-327.68	53.76
6	8	8	535.47	6.45	-256.57	-474.86
8	8	8	252.93	8.79	-226.77	118.25
10	8	8	79.94	32.41	73.15	34.19
12	8	8	1052.12	8.13	-813.36	689.88
-33	9	8	42.15	77.92	43.93	2.33
-31	9	8	32.59	78.90	25.33	13.09
-27	9	8	16.73	74.28	-21.73	0.58
-25	9	8	90.97	70.41	90.10	-9.83
-23	9	8	122.84	18.15	-36.82	-113.35
-21	9	8	92.60	21.23	-93.26	32.62
-19	9	8	58.12	36.02	-28.27	-56.64
-17	9	8	63.05	29.43	19.79	48.91
-15	9	8	28.97	37.21	-28.59	-4.65
-13	9	8	68.76	25.29	-60.35	-29.17
-11	9	8	40.86	35.35	-33.37	18.85
-9	9	8	75.52	34.49	67.16	-39.04
-7	9	8	82.91	18.27	74.66	37.47
-5	9	8	56.03	29.38	-47.62	-29.47
-3	9	8	23.51	39.34	-9.45	25.16
-1	9	8	67.49	25.47	20.13	-59.24
1	9	8	5.99	34.39	7.72	-4.79
3	9	8	69.86	31.33	52.77	41.84
5	9	8	33.29	45.24	-39.67	-1.66
7	9	8	119.78	18.95	-41.02	-111.59
9	9	8	85.02	23.91	3.33	-82.72
11	9	8	87.05	22.71	-87.37	19.74
13	9	8	41.88	38.73	-24.84	-39.55
-34	10	8	124.98	74.32	66.79	-106.64
-30	10	8	403.94	26.08	-199.29	361.58
-28	10	8	151.33	51.66	11.48	149.42
-26	10	8	75.97	73.63	-42.51	55.99

-24	10	8	23.18	72.39	-37.17	6.98
-22	10	8	209.42	16.13	-6.26	217.37
-20	10	8	244.01	15.16	-237.29	-82.22
-18	10	8	334.48	21.91	-154.86	295.03
-16	10	8	189.93	14.02	162.44	104.65
-14	10	8	160.25	12.72	140.51	59.47
-12	10	8	293.38	11.51	-279.19	-120.96
-10	10	8	494.30	33.25	408.86	-283.61
-8	10	8	32.86	32.53	22.59	21.96
-6	10	8	304.51	20.16	241.36	-183.06
-4	10	8	90.89	31.46	-93.44	47.41
-2	10	8	184.31	12.78	72.99	170.60
0	10	8	398.10	27.29	284.52	290.84
2	10	8	669.32	10.40	467.05	-497.33
4	10	8	739.52	49.96	-532.04	-521.95
6	10	8	511.09	71.08	-32.40	518.83
8	10	8	18.00	39.67	-3.99	-23.51
10	10	8	460.90	61.37	292.61	-378.67
12	10	8	188.71	12.30	-174.39	58.89
-33	11	8	78.19	80.41	41.95	63.07
-31	11	8	17.49	77.48	14.25	-14.63
-29	11	8	38.10	76.08	-28.56	-6.21
-27	11	8	88.67	75.00	-23.67	91.53
-25	11	8	47.59	71.47	35.89	31.56
-23	11	8	53.59	69.63	46.61	32.15
-21	11	8	34.92	39.41	-36.28	-17.70
-19	11	8	101.43	21.71	-1.61	106.90
-17	11	8	194.22	13.03	19.01	195.66
-15	11	8	64.38	29.47	-68.13	-4.92
-13	11	8	36.67	34.47	18.60	-30.15
-11	11	8	149.57	11.40	-62.48	135.40
-9	11	8	113.59	16.17	75.89	80.95
-7	11	8	28.13	34.91	30.70	11.32
-5	11	8	139.06	17.16	-106.70	93.48
-3	11	8	33.87	32.21	-34.57	13.69
-1	11	8	85.28	15.92	1.78	85.65
1	11	8	178.97	12.13	182.40	14.44
3	11	8	113.87	15.55	-90.70	71.60
5	11	8	84.68	17.04	40.92	64.87
7	11	8	91.24	25.58	86.83	15.25
9	11	8	171.92	10.37	-60.19	160.36
11	11	8	101.86	19.86	99.45	10.44
13	11	8	82.22	81.10	-65.67	-25.47
-32	12	8	74.09	79.50	68.57	-43.82
-30	12	8	112.06	69.11	84.88	69.82
-28	12	8	91.44	73.37	-83.19	0.77
-26	12	8	216.75	32.62	210.62	65.70
-24	12	8	105.23	62.13	-39.60	98.15
-22	12	8	176.50	35.86	-165.91	-55.34
-20	12	8	342.56	20.96	114.33	-328.69
-18	12	8	257.18	15.55	242.31	97.34
-16	12	8	59.04	33.18	46.31	-35.50
-14	12	8	291.06	19.28	194.25	219.69
-12	12	8	234.74	14.67	103.48	-211.55

-10	12	8	149.33	11.32	-52.36	-137.18
-8	12	8	186.62	12.66	-153.04	93.92
-6	12	8	375.12	25.12	-302.11	-223.06
-4	12	8	180.86	15.20	-174.53	71.82
-2	12	8	595.72	40.25	546.05	239.37
0	12	8	784.51	51.90	-423.46	662.83
2	12	8	255.58	16.48	204.53	157.22
4	12	8	529.25	35.88	306.85	-432.43
6	12	8	207.09	13.48	167.09	120.29
8	12	8	452.06	29.41	-206.13	418.60
10	12	8	400.64	23.66	325.59	238.24
12	12	8	200.15	11.04	-155.20	124.07
14	12	8	200.57	22.62	149.36	132.68
16	12	8	129.45	41.55	-113.12	65.40
-31	13	8	28.83	75.98	-25.05	-19.03
-29	13	8	33.04	71.00	16.17	-22.37
-27	13	8	50.47	72.49	-46.57	-34.39
-25	13	8	88.02	71.56	-86.07	-21.21
-23	13	8	60.00	70.37	-34.48	49.76
-21	13	8	35.48	66.18	30.72	-25.57
-19	13	8	91.91	26.05	79.69	40.35
-17	13	8	120.16	16.26	-70.62	-91.66
-15	13	8	78.71	23.61	-6.37	72.99
-13	13	8	34.04	35.79	29.16	-16.52
-11	13	8	95.02	22.19	-35.29	-87.25
-9	13	8	61.95	29.57	-13.71	64.09
-7	13	8	67.52	27.24	-65.41	2.13
-5	13	8	47.59	33.47	22.48	-37.66
-3	13	8	58.06	25.34	-45.20	24.78
-1	13	8	69.96	21.62	-67.87	-11.52
1	13	8	81.30	16.73	-78.40	11.14
3	13	8	76.88	18.57	22.97	-66.68
5	13	8	38.42	31.83	25.12	-25.06
7	13	8	40.04	31.14	-35.00	23.60
9	13	8	100.13	22.41	-104.87	0.78
11	13	8	138.53	16.00	-136.29	-14.77
13	13	8	74.28	27.74	-29.09	-66.91
15	13	8	55.12	62.96	-52.42	-11.85
17	13	8	40.50	60.24	-41.53	18.78
19	13	8	149.27	41.98	-111.03	-94.25
-30	14	8	94.79	73.34	-49.76	79.43
-28	14	8	122.16	63.58	103.54	72.06
-26	14	8	108.53	63.00	98.71	33.99
-22	14	8	65.52	56.57	-62.01	5.75
-20	14	8	107.14	36.41	89.40	65.97
-18	14	8	302.06	48.42	-56.17	306.57
-16	14	8	174.06	15.98	32.29	175.92
-14	14	8	79.73	23.79	-77.52	17.13
-12	14	8	133.39	15.67	56.00	119.70
-10	14	8	54.98	34.08	21.67	53.47
-8	14	8	464.40	29.69	-459.26	-89.45
-6	14	8	564.50	10.70	-155.65	544.82
-4	14	8	233.49	15.80	199.73	129.05
-2	14	8	348.16	23.47	89.92	-343.94

0	14	8	195.86	12.49	-197.77	88.29
2	14	8	100.57	17.96	90.71	-52.73
4	14	8	356.71	22.59	274.70	231.54
6	14	8	207.57	10.49	-103.53	-184.34
8	14	8	142.16	18.54	-117.00	74.88
10	14	8	127.84	18.22	97.83	89.21
12	14	8	335.48	29.78	297.60	161.38
14	14	8	534.27	19.26	128.43	-533.29
16	14	8	230.00	26.29	-227.97	-66.74
18	14	8	346.82	22.97	-5.31	351.42
20	14	8	100.48	61.78	91.97	63.04
22	14	8	75.13	67.47	-61.07	-2.28
24	14	8	103.93	68.41	-78.41	65.90
-27	15	8	72.22	71.70	-71.01	-13.76
-25	15	8	47.52	58.60	31.53	-37.41
-23	15	8	58.30	56.61	-31.43	54.14
-21	15	8	63.63	52.56	56.81	20.20
-19	15	8	78.49	45.48	2.53	-79.65
-17	15	8	73.56	48.25	-61.41	23.51
-15	15	8	62.45	35.32	-62.99	-13.16
-13	15	8	25.99	39.98	17.74	19.53
-11	15	8	68.53	31.04	20.68	-66.22
-9	15	8	85.19	23.03	-80.78	-43.21
-7	15	8	19.92	35.79	-8.93	19.46
-5	15	8	28.47	35.31	-12.60	24.06
-3	15	8	78.84	20.46	-69.08	22.99
-1	15	8	122.25	12.67	-70.72	-99.93
1	15	8	139.36	11.19	-125.05	59.65
3	15	8	115.81	13.94	82.77	-85.44
5	15	8	19.90	43.70	10.31	-20.08
7	15	8	64.59	39.24	-49.14	44.67
9	15	8	47.30	46.28	-32.51	-40.21
11	15	8	44.95	63.16	-14.59	38.90
13	15	8	75.54	65.37	63.09	-44.39
17	15	8	55.08	65.35	9.25	-57.20
19	15	8	87.28	65.91	88.74	-11.32
21	15	8	47.95	67.61	-6.57	49.44
23	15	8	27.88	65.43	9.52	-18.13
25	15	8	47.55	69.72	-32.83	-13.70
27	15	8	16.67	72.26	7.77	-30.14
29	15	8	46.00	75.15	47.25	-0.20
-26	16	8	37.38	55.87	39.79	-20.56
-24	16	8	86.88	47.85	-27.65	-79.70
-22	16	8	92.49	42.02	3.26	-86.68
-20	16	8	71.13	73.10	1.42	73.15
-18	16	8	61.88	67.27	-35.53	-63.46
-16	16	8	137.59	45.05	-101.62	-85.08
-14	16	8	187.56	34.15	146.33	-105.53
-12	16	8	407.47	27.02	-49.84	409.89
-10	16	8	81.30	27.99	-63.29	-44.06
-8	16	8	117.19	21.67	-37.03	-127.87
-6	16	8	201.90	12.60	200.95	-13.75
-4	16	8	425.78	30.64	-9.78	436.91
-2	16	8	201.51	13.55	199.59	40.55

0	16	8	126.96	16.69	-53.02	-123.20
2	16	8	142.16	10.56	-75.78	-123.06
4	16	8	292.94	13.19	-83.23	286.35
6	16	8	242.68	24.13	-166.99	-177.34
8	16	8	150.14	38.78	-123.20	82.97
10	16	8	213.71	32.39	191.94	-83.99
12	16	8	351.65	26.56	-3.34	362.79
14	16	8	82.10	65.56	-5.98	-78.92
16	16	8	247.01	32.14	39.39	-240.80
18	16	8	22.68	69.18	15.42	-22.95
20	16	8	206.88	34.34	-41.28	210.39
22	16	8	91.41	70.00	89.59	-17.88
24	16	8	208.48	32.31	-85.82	184.14
26	16	8	37.58	68.27	-22.86	-27.94
-25	17	8	20.95	54.93	20.82	-11.19
-23	17	8	50.77	69.84	-11.23	-56.43
-21	17	8	4.61	69.06	5.57	-3.93
-19	17	8	34.58	69.33	-28.21	-17.40
-17	17	8	88.81	69.60	64.77	-61.52
-15	17	8	33.51	66.86	-30.57	-3.26
-13	17	8	74.96	63.43	-71.15	-11.70
-11	17	8	83.04	64.77	77.87	28.86
-9	17	8	46.77	35.43	15.70	-42.84
-7	17	8	137.28	13.91	109.02	-78.99
-5	17	8	31.60	35.11	3.87	-29.94
-3	17	8	23.31	33.96	5.64	24.81
-1	17	8	29.25	32.96	-4.76	31.19
1	17	8	100.58	18.14	18.28	-96.12
3	17	8	15.50	61.05	-1.55	19.37
5	17	8	37.19	62.78	33.72	-2.59
7	17	8	78.09	64.89	-31.61	-73.06
9	17	8	3.95	65.73	4.11	-1.35
11	17	8	28.33	69.51	0.06	34.89
13	17	8	59.78	67.61	-50.52	32.76
15	17	8	73.69	68.29	13.47	-66.87
17	17	8	28.45	70.01	-8.20	-26.65
19	17	8	51.41	68.31	38.37	-34.27
23	17	8	55.55	72.20	-37.63	40.98
25	17	8	57.65	72.28	-13.73	-48.09
-22	18	8	103.43	74.37	19.19	101.19
-20	18	8	26.17	72.71	-18.80	24.97
-18	18	8	235.24	33.13	-6.88	232.95
-16	18	8	61.80	69.42	60.34	17.31
-14	18	8	127.63	50.81	68.75	-108.42
-12	18	8	172.74	40.24	-177.33	3.80
-10	18	8	52.47	51.19	-20.55	48.54
-8	18	8	233.00	16.78	232.07	43.24
-6	18	8	82.51	44.71	-24.25	80.85
-4	18	8	110.03	47.33	-80.57	74.70
-2	18	8	43.81	36.12	-11.69	-41.18
4	18	8	389.75	18.56	-392.28	-28.85
6	18	8	226.11	29.95	69.97	209.96
8	18	8	153.82	45.51	157.35	-7.42
10	18	8	131.38	50.61	-64.98	-123.42

12	18	8	244.98	31.76	-248.83	34.58
14	18	8	42.49	71.80	19.74	44.13
16	18	8	78.80	62.55	69.78	46.73
18	18	8	71.69	71.68	-72.57	14.24
20	18	8	27.41	72.99	-14.69	23.64
22	18	8	45.06	74.64	40.31	30.73
-21	19	8	59.76	70.04	-30.86	-51.02
-19	19	8	41.37	69.09	31.97	21.88
-17	19	8	69.96	70.24	-37.56	55.72
-15	19	8	35.01	68.87	-7.49	33.08
-13	19	8	48.58	68.59	4.69	-53.31
-11	19	8	59.68	65.84	-32.23	51.85
-9	19	8	100.23	61.98	79.18	-52.12
-7	19	8	44.15	65.21	0.77	-44.64
-5	19	8	30.90	62.22	-21.67	11.37
-3	19	8	22.81	60.39	-0.07	17.83
3	19	8	40.93	64.00	-8.97	31.63
5	19	8	50.47	66.40	0.91	-52.75
7	19	8	74.32	67.40	71.25	-31.31
9	19	8	51.79	68.80	37.22	36.56
11	19	8	64.98	54.57	-31.34	-57.76
13	19	8	45.45	72.16	21.03	40.97
15	19	8	72.90	71.39	61.74	-45.27
19	19	8	28.43	70.92	-15.68	34.12
-16	20	8	119.45	59.69	112.07	26.57
-14	20	8	57.06	71.62	59.36	-4.00
-12	20	8	127.24	52.67	-33.22	-117.31
-8	20	8	98.38	64.16	105.67	22.05
-6	20	8	71.90	63.44	-3.38	-76.67
-4	20	8	112.86	47.76	-62.07	-91.74
4	20	8	121.54	39.23	9.71	-115.14
6	20	8	71.95	65.35	68.36	-5.64
8	20	8	233.07	31.29	134.03	197.13
10	20	8	100.56	69.47	102.62	2.23
12	20	8	88.87	69.72	-3.03	87.73
14	20	8	108.07	70.71	-110.85	-9.16
16	20	8	34.66	73.80	15.82	34.82
-13	21	8	41.37	69.98	32.45	31.85
-11	21	8	23.01	68.16	-21.79	-1.33
-9	21	8	22.36	68.65	3.92	20.33
-7	21	8	21.81	68.03	6.08	25.16
11	21	8	110.08	64.10	2.67	107.22
13	21	8	48.57	72.78	-22.94	-38.22
-8	22	8	102.58	62.10	-99.57	19.84
8	22	8	62.47	69.72	-16.41	54.65
-36	0	9	104.32	60.21	-103.09	0.00
-34	0	9	33.22	61.53	42.90	0.00
-32	0	9	104.36	48.09	-101.11	0.00
-30	0	9	13.45	56.06	19.45	0.00
-28	0	9	537.33	48.99	-548.92	0.00
-26	0	9	42.03	52.18	-33.63	0.00
-24	0	9	20.64	50.38	-22.16	0.00
-22	0	9	37.09	32.71	36.60	0.00
-20	0	9	131.22	28.29	-131.51	0.00

-18	0	9	50.47	29.03	-44.30	0.00	
-16	0	9	1417.81	129.63	-1433.16		0.00
-14	0	9	7.83	42.75	2.68	0.00	
-12	0	9	898.61	81.71	-909.89	0.00	
-10	0	9	113.91	20.15	-109.03	0.00	
-8	0	9	267.78	24.94	-269.14	0.00	
-6	0	9	45.89	41.58	38.59	0.00	
-4	0	9	267.73	24.44	-273.61	0.00	
-2	0	9	65.06	28.22	-62.05	0.00	
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2	0	9	78.07	23.79	93.47	0.00	
4	0	9	566.89	52.14	562.24	0.00	
6	0	9	97.46	16.96	-100.50	0.00	
-37	1	9	108.97	36.36	109.44	25.29	
-35	1	9	70.65	51.82	-25.03	-66.42	
-33	1	9	47.89	49.95	-50.07	-25.85	
-31	1	9	66.62	48.87	30.59	53.62	
-29	1	9	114.56	25.52	113.20	29.38	
-27	1	9	4.86	54.87	-2.13	-11.72	
-25	1	9	52.91	28.11	-38.91	41.41	
-23	1	9	97.48	15.41	93.23	-39.52	
-21	1	9	68.66	15.55	44.40	53.36	
-19	1	9	33.91	28.97	-27.87	12.99	
-17	1	9	89.97	12.80	-87.85	16.19	
-15	1	9	146.81	13.33	5.35	142.45	
-13	1	9	140.66	15.23	130.25	43.11	
-11	1	9	135.68	12.62	-24.17	-129.59	
-9	1	9	47.15	34.63	-21.37	40.01	
-7	1	9	94.63	18.34	26.11	87.17	
-5	1	9	113.73	10.76	78.63	-77.10	
-3	1	9	103.97	16.59	-76.62	-72.09	
-1	1	9	58.58	17.07	45.06	-38.25	
1	1	9	16.27	27.41	-5.60	-15.47	
3	1	9	116.44	11.34	-27.54	-113.20	
5	1	9	60.95	19.54	26.64	-52.64	
7	1	9	14.43	35.58	15.46	-4.91	
-36	2	9	127.30	30.44	-5.61	-123.46	
-34	2	9	166.32	23.52	-146.94	-61.22	
-32	2	9	144.81	38.93	-15.83	-146.53	
-30	2	9	217.59	21.91	-186.32	94.20	
-28	2	9	311.00	18.48	13.07	312.33	
-26	2	9	109.49	15.10	38.85	-101.76	
-24	2	9	105.33	16.53	-20.11	102.16	
-22	2	9	118.83	19.29	-14.39	118.69	
-20	2	9	222.42	12.44	69.44	210.04	
-18	2	9	95.29	21.51	-58.16	-58.86	
-16	2	9	208.82	13.79	-35.18	-206.35	
-14	2	9	172.27	13.97	146.67	85.23	
-12	2	9	273.37	14.63	-75.92	-267.39	
-10	2	9	438.49	13.73	428.27	-62.43	
-8	2	9	802.75	51.67	-91.93	-796.92	
-6	2	9	43.73	28.02	-9.05	-32.56	
-4	2	9	189.59	12.14	14.05	189.50	
-2	2	9	238.85	14.98	205.64	-141.75	

0	2	9	128.40	11.01	13.79	128.07
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4	2	9	87.90	32.97	59.47	27.76
6	2	9	34.64	37.30	-36.50	-58.81
8	2	9	436.09	7.35	-45.96	-434.50
-37	3	9	57.09	53.04	-56.99	-6.87
-35	3	9	38.97	64.86	42.13	6.97
-33	3	9	48.24	66.04	1.91	-41.70
-31	3	9	42.04	58.99	-44.12	8.74
-29	3	9	26.75	60.45	-32.10	15.86
-27	3	9	82.78	21.31	-67.22	-55.99
-25	3	9	222.04	13.90	117.90	-183.87
-23	3	9	129.84	12.72	-24.92	124.10
-21	3	9	100.71	18.75	-94.11	-32.72
-19	3	9	72.95	23.59	-6.90	-73.87
-17	3	9	87.00	42.20	89.07	-38.63
-15	3	9	74.32	21.53	-72.01	-13.37
-13	3	9	63.82	25.73	-57.85	-28.08
-11	3	9	38.07	50.41	19.08	35.69
-9	3	9	55.29	54.22	15.35	-53.38
-7	3	9	73.59	30.71	-46.11	51.71
-5	3	9	39.93	26.50	-38.92	-7.30
-3	3	9	21.71	22.98	-2.99	-15.82
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1	3	9	62.78	11.17	42.25	50.72
3	3	9	28.22	24.17	-20.01	-15.05
5	3	9	129.61	10.19	4.82	128.53
7	3	9	5.17	44.78	4.54	-4.51
9	3	9	81.44	28.09	-44.74	66.41
-36	4	9	111.42	60.24	108.57	-25.24
-34	4	9	116.16	57.94	-26.80	-117.56
-32	4	9	119.66	52.50	120.16	-23.67
-30	4	9	112.64	53.32	38.13	108.94
-28	4	9	168.99	36.01	-169.83	50.83
-26	4	9	54.02	32.39	41.79	31.58
-24	4	9	263.10	16.05	-203.03	166.93
-22	4	9	128.96	13.89	-16.37	-132.71
-20	4	9	216.70	13.46	-209.29	36.50
-18	4	9	52.10	34.35	49.25	20.29
-16	4	9	395.42	23.47	-292.32	276.14
-14	4	9	251.40	14.93	57.91	244.97
-12	4	9	243.88	16.43	-224.95	104.04
-10	4	9	414.73	14.15	-93.32	-403.96
-8	4	9	206.13	19.45	145.01	123.16
-6	4	9	729.80	46.45	-271.88	-673.18
-4	4	9	1788.62	112.69	-1697.40	529.26
-2	4	9	97.77	11.35	49.78	89.78
0	4	9	88.15	25.77	-64.86	52.96
2	4	9	180.98	13.48	-112.41	-132.13
4	4	9	282.53	10.11	-207.41	189.11
6	4	9	149.11	11.45	24.67	-140.52
8	4	9	534.54	7.65	515.60	-117.06
10	4	9	87.91	21.81	-80.28	31.24
-35	5	9	43.86	73.59	6.24	-42.10

-33	5	9	66.68	69.56	44.96	58.21
-29	5	9	50.71	67.24	-55.09	-12.76
-27	5	9	48.47	38.69	15.18	41.18
-25	5	9	114.50	17.01	102.10	56.81
-23	5	9	96.13	17.81	-52.52	-74.12
-21	5	9	70.87	23.99	2.53	71.66
-19	5	9	184.62	12.12	68.16	169.65
-17	5	9	191.30	14.00	182.45	-49.49
-15	5	9	84.31	22.26	-10.95	85.46
-13	5	9	92.74	19.03	31.21	87.95
-11	5	9	89.18	25.01	82.93	-25.06
-9	5	9	154.73	22.70	99.57	116.50
-7	5	9	57.19	24.43	-13.75	-56.12
-5	5	9	82.85	12.17	-0.09	81.85
-3	5	9	132.90	105.41	73.96	102.65
-1	5	9	74.86	10.86	60.07	-40.46
1	5	9	35.58	105.83	29.42	-23.82
3	5	9	57.13	28.07	47.91	19.11
5	5	9	91.97	17.51	60.55	62.08
7	5	9	66.85	51.74	-61.51	-31.20
9	5	9	124.97	19.13	36.57	-116.79
11	5	9	82.30	23.99	64.38	42.53
-34	6	9	188.91	47.79	-133.95	125.80
-32	6	9	210.61	40.42	100.17	184.26
-30	6	9	30.54	68.83	-30.57	-19.56
-28	6	9	94.09	67.71	-99.60	4.70
-26	6	9	278.83	16.81	276.81	-27.90
-24	6	9	98.73	18.52	-13.21	-97.38
-22	6	9	55.58	35.80	-10.98	-46.57
-20	6	9	218.83	14.02	-97.15	-193.52
-18	6	9	104.33	19.52	-78.55	76.71
-16	6	9	663.12	42.38	248.52	612.61
-14	6	9	694.31	43.20	538.19	-430.03
-12	6	9	263.50	16.80	90.44	250.04
-10	6	9	397.62	23.87	-299.08	268.66
-8	6	9	402.62	25.98	194.11	360.52
-6	6	9	90.98	17.22	-61.60	-55.79
-4	6	9	87.96	25.52	23.25	-59.44
-2	6	9	168.08	12.10	49.00	155.72
0	6	9	484.89	13.88	160.15	459.91
2	6	9	459.70	7.51	407.08	-217.20
4	6	9	108.49	16.69	-19.72	98.74
6	6	9	726.29	21.08	-582.57	439.59
8	6	9	506.63	26.81	174.31	473.36
10	6	9	237.56	12.15	118.56	-213.85
12	6	9	114.50	22.54	17.48	116.18
-35	7	9	105.25	80.58	29.38	96.31
-29	7	9	72.60	70.22	-26.76	-63.34
-27	7	9	55.10	70.69	-58.60	-22.55
-25	7	9	114.69	18.14	-114.79	24.19
-23	7	9	22.67	37.62	17.73	7.02
-21	7	9	127.84	16.89	-81.74	-101.72
-19	7	9	47.97	38.52	-18.72	-39.24
-17	7	9	132.37	12.86	-130.00	2.48

-15	7	9	122.43	17.76	-41.72	-115.49
-13	7	9	199.66	17.65	-74.09	-188.11
-11	7	9	66.42	28.49	-3.92	68.06
-9	7	9	150.43	16.55	-135.05	-61.32
-7	7	9	22.61	46.20	28.47	5.15
-5	7	9	127.21	83.06	-81.48	-86.25
-3	7	9	95.01	22.97	-85.98	-52.34
-1	7	9	52.34	41.65	-42.41	-17.10
1	7	9	87.09	27.79	-75.44	33.82
3	7	9	90.57	35.89	49.36	77.46
5	7	9	158.22	35.58	-129.81	-87.65
7	7	9	10.12	36.38	-2.46	17.05
9	7	9	68.25	79.29	-24.11	72.89
11	7	9	179.78	13.86	-177.08	-14.17
-32	8	9	86.95	77.23	-56.46	58.31
-30	8	9	64.39	75.51	-48.61	33.75
-28	8	9	78.54	74.36	36.57	75.65
-26	8	9	73.56	76.33	66.98	43.44
-24	8	9	133.47	19.44	-106.35	87.58
-22	8	9	97.63	21.72	-90.97	-34.44
-20	8	9	149.65	16.97	99.85	87.13
-18	8	9	91.57	22.74	16.58	81.81
-16	8	9	717.95	45.74	-620.47	377.39
-14	8	9	171.13	12.78	46.94	168.43
-12	8	9	240.95	15.85	-63.03	234.74
-10	8	9	179.05	11.87	95.43	150.52
-8	8	9	809.58	51.42	-618.16	523.81
-6	8	9	623.83	40.04	351.83	524.13
-4	8	9	303.00	11.70	27.21	298.60
-2	8	9	456.46	19.45	185.07	413.18
0	8	9	184.05	13.36	-19.02	183.06
2	8	9	69.60	29.43	34.93	65.31
4	8	9	404.44	10.30	350.66	-195.00
6	8	9	398.88	9.86	-340.29	-203.20
8	8	9	1160.65	34.91	-900.77	746.42
10	8	9	67.01	35.96	53.77	59.88
12	8	9	231.28	13.91	144.63	-184.47
-33	9	9	18.38	80.33	-20.11	-22.83
-31	9	9	74.40	77.47	11.81	74.50
-29	9	9	119.82	67.46	82.82	-74.71
-27	9	9	111.31	78.55	9.32	109.99
-25	9	9	42.09	39.49	-22.34	41.23
-23	9	9	25.90	40.23	23.54	-21.44
-21	9	9	127.78	15.86	80.41	96.64
-19	9	9	34.54	39.44	-24.76	-21.10
-17	9	9	25.49	37.43	-30.61	9.90
-15	9	9	88.34	21.35	-30.14	78.85
-13	9	9	15.46	35.63	13.18	-2.04
-11	9	9	23.21	37.08	-19.73	-17.43
-9	9	9	97.76	17.89	-67.92	69.53
-7	9	9	134.91	11.58	49.89	121.47
-5	9	9	113.81	14.97	-11.51	-112.59
-3	9	9	110.42	14.76	-107.68	15.91
-1	9	9	51.33	30.53	-37.78	39.28

1	9	9	53.42	41.72	-22.30	50.40
3	9	9	52.61	40.76	-34.59	-36.69
5	9	9	39.62	39.55	41.34	-0.13
7	9	9	104.24	21.97	-91.26	56.76
9	9	9	76.16	47.88	-42.08	60.95
11	9	9	75.79	60.29	-69.88	4.56
13	9	9	55.23	41.37	27.02	-39.95
-32	10	9	32.89	82.58	-35.87	-0.30
-30	10	9	139.18	63.04	-97.23	103.82
-28	10	9	115.63	70.51	95.96	61.72
-26	10	9	78.93	75.46	-84.02	5.91
-24	10	9	43.50	41.15	-46.54	24.53
-22	10	9	447.56	28.05	-308.35	318.98
-20	10	9	361.07	22.22	283.55	218.40
-18	10	9	131.86	17.42	-119.66	-24.95
-16	10	9	312.33	19.14	-238.58	-201.71
-14	10	9	112.89	20.55	108.30	-26.61
-12	10	9	53.91	31.11	30.77	-61.16
-10	10	9	181.96	10.96	-0.69	-189.08
-8	10	9	123.53	19.06	103.15	32.94
-6	10	9	614.36	39.37	-401.40	457.24
-4	10	9	742.60	47.71	535.59	509.33
-2	10	9	465.06	28.99	27.06	-468.62
0	10	9	238.67	15.77	-161.97	-178.90
2	10	9	539.56	34.60	-300.60	445.41
4	10	9	320.71	12.92	287.23	113.55
6	10	9	383.22	11.04	-369.40	102.40
8	10	9	125.76	59.27	132.03	2.25
10	10	9	595.20	48.43	-323.68	482.30
12	10	9	115.08	18.69	92.98	60.64
14	10	9	384.89	17.22	-314.27	210.76
-31	11	9	59.20	81.05	-11.65	-58.01
-29	11	9	30.26	76.15	-27.64	25.33
-27	11	9	86.27	77.85	-28.66	-76.62
-25	11	9	121.28	60.23	-8.09	-124.72
-23	11	9	50.88	40.31	46.90	26.29
-21	11	9	48.56	40.79	-8.73	-47.59
-19	11	9	95.66	23.12	9.10	-92.08
-17	11	9	171.99	13.66	-116.93	-122.94
-15	11	9	126.30	15.94	-97.08	-76.64
-13	11	9	24.57	35.40	19.22	14.86
-11	11	9	71.66	22.35	-31.32	-64.24
-9	11	9	108.13	15.02	41.31	-103.01
-7	11	9	117.16	15.20	-80.84	-80.51
-5	11	9	59.88	26.98	-19.22	-56.18
-3	11	9	84.36	20.64	35.80	-78.14
-1	11	9	152.60	14.57	-134.25	-64.34
1	11	9	171.28	11.07	65.93	-152.79
3	11	9	46.72	32.15	-40.98	32.43
5	11	9	151.30	12.23	119.53	-93.24
7	11	9	111.35	13.98	-41.61	-97.30
9	11	9	50.62	40.49	7.00	-46.46
11	11	9	104.00	43.10	4.87	-98.30
13	11	9	57.14	55.72	-30.20	45.49

15	11	9	54.75	58.07	46.37	-27.36
-30	12	9	36.14	80.07	43.39	-8.69
-28	12	9	311.06	28.19	-153.11	280.39
-26	12	9	56.35	69.64	18.47	51.22
-24	12	9	117.79	61.86	-40.02	109.26
-22	12	9	199.63	12.80	195.02	36.70
-20	12	9	437.25	27.39	-198.63	385.45
-18	12	9	157.66	13.93	79.91	139.87
-16	12	9	219.53	11.88	87.12	201.28
-14	12	9	40.02	35.34	35.62	14.18
-12	12	9	382.58	22.05	-147.38	360.83
-10	12	9	116.45	15.53	-116.49	2.20
-8	12	9	325.55	19.27	275.92	-175.42
-6	12	9	69.46	25.52	-68.06	-30.30
-4	12	9	772.73	18.58	-479.80	611.98
-2	12	9	114.04	13.87	-95.47	-54.12
0	12	9	144.71	12.17	-29.50	132.42
2	12	9	340.75	21.82	-280.86	-188.53
4	12	9	247.32	14.85	-28.51	254.03
6	12	9	426.13	26.51	355.63	233.49
8	12	9	202.82	12.13	69.88	181.03
10	12	9	318.96	15.84	210.59	227.29
12	12	9	198.65	29.63	-78.61	189.49
14	12	9	116.67	41.07	-67.66	-98.31
16	12	9	75.45	58.97	74.29	-22.01
18	12	9	278.12	26.72	-264.50	-89.25
-29	13	9	23.03	75.72	-31.27	-2.52
-27	13	9	45.33	74.11	-21.56	36.26
-23	13	9	81.23	68.38	48.89	-65.91
-21	13	9	74.30	69.39	-68.46	33.73
-19	13	9	99.28	21.19	73.11	66.50
-17	13	9	20.80	37.67	-5.45	-21.85
-15	13	9	115.66	19.06	65.17	92.68
-13	13	9	46.60	36.27	-6.60	51.03
-11	13	9	67.16	29.81	60.45	28.80
-9	13	9	69.90	27.06	65.42	17.13
-7	13	9	54.43	36.48	14.39	-51.81
-5	13	9	137.37	11.88	-15.62	136.59
-3	13	9	66.70	24.75	-46.15	49.93
-1	13	9	16.09	33.90	-15.13	4.43
1	13	9	6.03	32.99	2.44	0.68
3	13	9	42.21	33.06	43.83	0.89
5	13	9	82.67	18.23	-14.67	78.57
7	13	9	64.45	22.87	-51.58	-43.28
9	13	9	107.43	23.24	-31.74	-109.76
11	13	9	136.37	17.98	38.27	131.84
13	13	9	46.13	62.01	26.11	33.61
15	13	9	39.35	61.57	-29.19	-31.27
17	13	9	72.97	61.50	68.81	11.56
19	13	9	45.08	64.05	-37.76	21.04
21	13	9	58.97	67.48	14.15	55.26
-28	14	9	106.44	71.95	-105.61	-14.77
-26	14	9	43.90	73.90	38.86	-31.28
-24	14	9	103.73	74.34	80.88	-67.25

-22	14	9	82.44	56.56	71.58	-40.41
-20	14	9	54.04	62.46	-10.42	-52.96
-18	14	9	143.15	15.17	-11.84	144.19
-16	14	9	229.62	14.57	234.20	14.12
-14	14	9	89.22	24.58	-50.20	-74.13
-12	14	9	347.94	20.36	-317.60	-133.82
-10	14	9	234.81	13.89	-5.81	233.85
-8	14	9	196.39	17.01	203.68	-57.58
-6	14	9	205.95	11.17	-29.94	-205.48
-4	14	9	337.22	21.82	-261.84	-211.24
-2	14	9	221.49	14.11	88.28	191.24
0	14	9	126.99	18.67	-16.78	-136.68
2	14	9	202.42	12.96	-106.10	166.79
4	14	9	68.75	22.04	40.80	-44.91
6	14	9	321.43	34.85	19.16	314.01
8	14	9	530.62	41.91	495.55	154.39
10	14	9	84.26	31.58	-75.59	-30.79
12	14	9	46.91	40.58	11.84	-50.24
14	14	9	289.61	26.22	-19.87	277.42
16	14	9	160.17	37.37	72.28	-131.42
18	14	9	81.07	65.32	-11.60	75.34
20	14	9	74.77	63.93	63.21	-59.12
22	14	9	55.68	65.44	59.07	-2.25
24	14	9	9.22	69.67	11.68	11.48
26	14	9	256.80	32.32	-80.64	241.01
-27	15	9	8.49	72.41	0.63	7.89
-25	15	9	17.90	58.38	12.22	4.37
-23	15	9	47.97	55.37	-14.40	-38.98
-21	15	9	33.63	54.74	-20.18	-33.88
-19	15	9	64.92	51.30	-57.33	32.59
-17	15	9	44.43	39.03	37.49	29.13
-15	15	9	53.06	38.97	13.59	-51.01
-13	15	9	48.80	39.42	-53.39	8.24
-11	15	9	111.27	19.26	96.63	-62.89
-9	15	9	46.67	38.67	36.66	25.22
-7	15	9	92.26	18.39	68.86	-59.70
-5	15	9	93.05	20.99	-72.02	-44.40
-3	15	9	53.52	31.42	-8.61	56.89
-1	15	9	105.91	14.97	104.94	-19.28
1	15	9	61.54	12.77	42.85	45.22
3	15	9	43.19	33.27	28.82	-25.30
5	15	9	29.32	84.63	-17.76	-24.07
7	15	9	58.69	44.19	50.53	-19.23
9	15	9	65.46	66.90	30.97	64.54
11	15	9	61.32	39.54	-57.66	25.72
13	15	9	78.93	65.76	15.83	-78.82
15	15	9	109.49	60.16	5.01	117.14
17	15	9	57.97	66.54	37.50	-28.57
19	15	9	61.51	68.60	-40.52	42.33
21	15	9	13.61	66.76	-7.28	-16.05
23	15	9	27.62	67.01	-4.71	-22.94
25	15	9	67.45	69.43	-20.55	62.32
27	15	9	51.15	71.57	30.77	34.62
-26	16	9	90.61	69.19	91.35	28.34

-24	16	9	107.48	45.77	40.71	94.32
-22	16	9	104.40	62.40	-26.48	95.06
-20	16	9	290.05	26.02	105.39	-270.76
-18	16	9	80.18	68.29	80.50	10.91
-16	16	9	483.62	24.65	-96.01	478.23
-14	16	9	156.91	17.09	109.84	114.59
-12	16	9	130.00	17.75	-6.19	121.06
-10	16	9	33.14	39.04	28.60	1.53
-8	16	9	310.28	17.84	12.32	314.31
-6	16	9	211.62	13.51	135.60	158.55
-4	16	9	184.34	13.70	135.52	122.60
-2	16	9	347.35	21.93	290.62	178.25
0	16	9	314.55	18.25	-26.97	317.29
2	16	9	90.05	16.83	-46.35	75.66
4	16	9	207.95	19.06	147.72	-147.79
6	16	9	186.70	16.69	-184.46	27.10
8	16	9	71.35	65.48	-59.45	-41.66
10	16	9	79.69	66.65	24.15	82.88
12	16	9	43.56	67.43	52.88	12.54
14	16	9	108.12	56.69	-100.29	12.45
18	16	9	45.92	70.83	27.26	40.84
20	16	9	134.10	55.70	105.29	82.56
22	16	9	116.07	38.21	81.90	72.85
24	16	9	28.92	72.45	-47.51	-14.80
26	16	9	43.37	70.57	19.28	33.22
-25	17	9	38.90	71.10	-20.78	30.89
-23	17	9	32.45	71.56	-30.12	11.47
-21	17	9	43.95	70.36	30.35	32.46
-19	17	9	22.12	72.11	-21.03	-3.27
-17	17	9	56.32	68.35	-13.87	52.91
-15	17	9	97.10	65.35	-57.38	78.38
-13	17	9	42.27	66.35	37.37	-11.58
-11	17	9	70.72	31.95	-64.82	-28.65
-9	17	9	48.11	37.79	-31.48	35.26
-7	17	9	81.43	24.93	-8.93	73.56
-5	17	9	113.60	16.51	-109.85	34.91
-3	17	9	24.42	35.48	18.91	-3.25
-1	17	9	106.79	16.59	-11.89	104.81
1	17	9	41.18	33.71	-36.65	21.52
3	17	9	19.70	60.71	-13.65	4.40
5	17	9	39.21	64.00	-34.44	-20.62
7	17	9	159.70	39.18	-48.72	150.76
9	17	9	64.00	63.63	-29.45	57.38
11	17	9	116.18	54.51	-109.32	16.78
13	17	9	27.85	70.46	18.66	18.34
15	17	9	63.44	68.48	53.65	-38.41
17	17	9	104.37	64.75	-36.77	89.34
23	17	9	71.72	75.03	34.18	61.53
25	17	9	6.93	73.88	8.30	-2.83
-22	18	9	70.25	72.91	-16.76	65.50
-20	18	9	64.00	72.78	33.65	-53.26
-18	18	9	63.71	69.99	-11.88	-62.58
-16	18	9	80.34	69.60	-78.21	11.89
-14	18	9	88.39	70.07	55.81	-72.37

-12	18	9	148.33	48.45	127.55	-77.31
-10	18	9	79.75	74.16	46.76	61.60
-8	18	9	41.77	37.09	-42.96	-1.65
-6	18	9	107.31	19.02	56.38	93.59
-4	18	9	359.51	22.46	355.24	-12.29
-2	18	9	59.52	35.38	-50.44	38.48
4	18	9	147.30	38.43	95.56	-97.89
6	18	9	7.14	66.34	-11.80	3.17
8	18	9	162.98	40.21	-152.45	-52.09
10	18	9	81.54	68.44	75.33	-34.69
12	18	9	66.34	67.97	69.83	-10.14
14	18	9	266.52	29.65	6.94	260.25
16	18	9	118.38	62.23	122.10	-13.88
18	18	9	221.14	37.29	1.43	206.21
20	18	9	133.14	55.70	124.61	-26.16
22	18	9	78.74	75.74	35.34	71.02
-19	19	9	43.95	72.10	-12.00	-38.90
-17	19	9	96.06	71.25	-76.89	44.23
-15	19	9	18.37	70.39	-8.65	15.43
-13	19	9	42.96	54.49	-21.48	-36.70
-11	19	9	35.89	55.11	-26.51	0.51
-9	19	9	75.46	66.88	-73.42	-14.07
-7	19	9	79.70	64.54	-54.90	59.56
-5	19	9	60.99	63.47	55.47	-8.93
5	19	9	32.07	64.76	9.93	-25.26
7	19	9	57.43	67.39	-46.77	27.17
11	19	9	41.61	70.13	36.16	-20.24
13	19	9	39.90	57.25	-0.71	39.33
15	19	9	29.48	72.43	-26.54	12.55
17	19	9	35.37	73.85	-10.99	-32.90
19	19	9	30.62	73.40	-15.82	-21.93
-16	20	9	21.30	72.32	-16.19	13.75
-14	20	9	227.51	32.53	226.15	-9.93
-12	20	9	193.84	38.28	60.59	182.03
-8	20	9	61.58	66.19	-0.36	-61.81
-6	20	9	23.25	64.71	10.29	-21.46
6	20	9	70.05	66.11	-47.61	54.02
8	20	9	160.17	45.12	90.20	136.97
10	20	9	140.66	49.62	139.04	18.46
14	20	9	10.81	72.40	-3.06	18.88
16	20	9	56.48	74.00	41.82	48.00
-13	21	9	47.20	69.98	2.01	47.21
-11	21	9	46.40	69.61	-36.60	-28.16
-9	21	9	25.92	68.15	20.86	12.55
-7	21	9	35.33	65.74	-21.76	-23.83
9	21	9	27.86	69.45	6.34	-30.51
11	21	9	32.82	72.49	26.27	15.65
13	21	9	54.62	74.20	-50.60	-17.31
-36	0	10	93.67	53.50	105.18	0.00
-34	0	10	42.34	54.31	33.04	0.00
-32	0	10	112.18	40.89	125.31	0.00
-30	0	10	64.10	52.02	-70.59	0.00
-28	0	10	53.33	51.27	-63.40	0.00
-26	0	10	85.97	38.75	85.80	0.00

-24	0	10	211.64	47.40	238.39	0.00
-22	0	10	27.39	29.75	-24.42	0.00
-20	0	10	42.35	32.11	-41.77	0.00
-18	0	10	26.10	29.70	-33.87	0.00
-16	0	10	534.70	116.92	582.97	0.00
-14	0	10	57.38	38.75	-64.50	0.00
-12	0	10	193.55	42.43	218.77	0.00
-10	0	10	18.30	38.68	26.58	0.00
-8	0	10	1389.20	303.29	1536.48	0.00
-6	0	10	42.57	32.83	-42.46	0.00
-4	0	10	71.08	25.37	77.93	0.00
-2	0	10	74.36	39.93	73.05	0.00
0	0	10	2228.87	485.61	2435.13	0.00
2	0	10	42.19	33.85	-44.37	0.00
4	0	10	190.34	41.41	211.93	0.00
6	0	10	104.77	22.87	101.41	0.00
-35	1	10	25.90	46.86	3.20	-27.37
-33	1	10	63.96	45.47	61.44	-6.44
-31	1	10	29.76	44.94	-6.80	35.33
-29	1	10	13.99	41.68	20.62	-4.63
-27	1	10	29.40	41.42	25.27	-4.17
-25	1	10	74.39	29.95	47.54	64.02
-23	1	10	134.53	19.48	-21.18	-128.05
-21	1	10	106.06	11.49	-101.04	33.29
-19	1	10	105.72	16.26	69.76	86.00
-17	1	10	29.40	30.95	24.86	14.77
-15	1	10	111.57	16.51	-65.23	-90.67
-13	1	10	96.71	20.12	-96.48	23.86
-11	1	10	7.38	32.18	-8.11	-12.64
-9	1	10	47.16	36.39	-15.92	47.98
-7	1	10	35.70	34.09	-30.27	-2.27
-5	1	10	27.97	27.71	-13.20	-32.26
-3	1	10	25.94	26.96	-14.26	17.31
-1	1	10	44.14	19.30	-0.08	44.03
1	1	10	37.90	29.06	-3.88	-38.26
3	1	10	49.65	22.84	-31.65	32.42
5	1	10	52.24	19.57	-25.66	49.84
7	1	10	78.53	21.48	-61.71	45.33
9	1	10	44.67	36.58	41.08	35.20
-36	2	10	66.55	48.37	47.96	-58.41
-34	2	10	69.84	40.87	75.52	-5.31
-32	2	10	138.58	22.29	-30.43	-148.20
-30	2	10	158.85	24.06	173.98	-4.45
-28	2	10	64.99	54.55	7.37	-70.26
-26	2	10	177.85	25.49	165.40	-103.65
-24	2	10	292.21	41.65	115.87	289.50
-22	2	10	80.88	20.51	90.37	38.78
-20	2	10	511.65	75.33	144.66	534.29
-18	2	10	238.42	35.46	-257.67	-65.97
-16	2	10	99.66	15.71	-27.42	98.53
-14	2	10	470.11	70.44	509.34	98.32
-12	2	10	353.41	53.16	27.23	-383.78
-10	2	10	99.15	19.26	-19.32	-105.13
-8	2	10	88.87	21.27	64.59	80.59

-6	2	10	387.27	59.02	-324.74	248.42
-4	2	10	115.26	19.16	-4.37	-117.72
-2	2	10	129.58	15.26	120.36	-86.62
0	2	10	177.45	23.31	-23.28	192.69
2	2	10	227.04	34.01	254.74	-26.52
4	2	10	97.51	10.37	34.50	-92.97
6	2	10	392.54	7.17	-416.36	-0.09
8	2	10	509.88	6.69	99.30	537.72
10	2	10	141.19	11.06	-29.02	-126.63
-35	3	10	32.18	48.06	26.54	19.70
-33	3	10	71.16	43.12	-69.81	-2.27
-31	3	10	145.60	33.44	37.29	-146.10
-29	3	10	39.77	54.83	-16.18	-33.84
-27	3	10	6.71	30.83	8.38	-0.96
-25	3	10	52.13	27.70	-40.60	-5.83
-23	3	10	58.84	24.20	23.88	59.92
-21	3	10	97.40	14.85	89.57	-38.28
-19	3	10	67.97	22.56	28.17	-69.90
-17	3	10	57.59	25.75	-48.63	28.44
-15	3	10	101.77	15.13	103.80	-30.83
-13	3	10	86.32	18.06	69.77	49.27
-11	3	10	142.95	29.39	64.29	129.59
-9	3	10	89.27	23.55	-34.88	89.12
-7	3	10	103.33	31.88	93.69	-46.80
-5	3	10	48.24	29.43	-9.86	49.10
-3	3	10	37.32	16.36	31.95	20.92
-1	3	10	27.20	23.62	-31.49	15.30
1	3	10	79.96	11.16	81.30	-2.12
3	3	10	34.40	18.43	-18.21	27.16
5	3	10	45.61	25.55	49.62	-9.61
7	3	10	140.90	13.16	-32.15	-137.56
9	3	10	61.37	33.62	-2.96	70.00
-36	4	10	33.89	50.51	15.15	25.54
-34	4	10	88.31	60.63	-17.67	94.55
-32	4	10	48.41	63.85	20.46	-39.14
-30	4	10	28.90	58.27	-26.91	-23.37
-28	4	10	81.77	20.99	76.66	24.11
-26	4	10	82.34	18.72	-10.57	87.37
-24	4	10	122.70	14.51	-17.89	-122.70
-22	4	10	256.03	36.50	109.01	248.34
-20	4	10	405.13	60.22	417.27	-123.68
-18	4	10	256.07	37.20	21.87	275.79
-16	4	10	307.49	45.19	-327.23	65.15
-14	4	10	79.18	20.74	53.89	71.40
-12	4	10	785.45	116.59	809.99	-237.62
-10	4	10	89.16	12.56	-14.87	93.71
-8	4	10	26.36	33.74	5.29	-23.16
-6	4	10	390.61	55.93	152.79	382.20
-4	4	10	274.06	35.32	208.79	-215.92
-2	4	10	344.15	48.43	-186.45	-307.67
0	4	10	541.63	79.62	-553.11	156.96
2	4	10	196.76	15.65	-59.26	-205.56
4	4	10	1349.55	56.20	1343.93	-615.99
6	4	10	463.23	12.49	8.76	495.69

8	4	10	208.95	13.24	-208.60	52.81
10	4	10	513.30	6.26	261.12	493.28
-35	5	10	26.10	68.08	-12.86	-10.63
-31	5	10	51.63	60.86	17.75	56.71
-29	5	10	8.32	59.00	3.87	7.89
-27	5	10	98.01	16.73	-90.61	-35.60
-25	5	10	83.63	24.77	-78.77	43.46
-23	5	10	28.75	33.36	28.90	-7.05
-21	5	10	43.74	33.12	-3.27	-56.26
-19	5	10	80.16	20.62	-80.40	26.33
-17	5	10	135.09	18.30	-67.35	-130.32
-15	5	10	28.51	36.17	-18.55	24.04
-13	5	10	86.06	20.49	74.30	-45.24
-11	5	10	171.46	26.49	-112.05	-140.66
-9	5	10	92.05	17.67	-95.90	-24.80
-7	5	10	13.43	27.45	11.63	-15.45
-5	5	10	39.14	21.47	-41.17	-14.83
-3	5	10	188.21	27.59	-91.24	-171.96
-1	5	10	122.90	18.68	-125.70	4.26
1	5	10	78.38	30.19	10.71	81.55
3	5	10	68.07	62.95	-59.92	-34.35
5	5	10	45.00	28.74	10.15	-51.50
7	5	10	36.11	29.57	33.03	12.96
9	5	10	109.94	18.35	-114.04	-38.74
11	5	10	64.51	27.21	-12.35	69.33
-34	6	10	99.83	75.28	81.34	-55.71
-32	6	10	71.66	73.90	45.97	57.47
-30	6	10	164.08	49.34	-139.36	87.80
-28	6	10	94.58	18.98	-71.99	-68.01
-26	6	10	390.42	29.09	346.40	-177.05
-24	6	10	304.31	28.61	-22.76	-301.23
-22	6	10	225.26	20.75	172.41	-151.36
-20	6	10	169.48	17.81	-46.78	-166.91
-18	6	10	275.17	20.90	266.36	-69.28
-16	6	10	286.17	28.48	-35.94	-283.37
-14	6	10	382.20	22.93	-356.98	115.21
-12	6	10	83.30	20.18	-5.42	75.75
-10	6	10	81.99	22.74	91.56	-39.93
-8	6	10	244.85	13.73	224.06	167.10
-6	6	10	588.98	29.84	-610.23	198.90
-4	6	10	118.88	19.36	64.25	108.91
-2	6	10	227.39	8.18	-183.55	156.14
0	6	10	631.63	9.49	-233.71	-647.25
2	6	10	206.80	11.12	-186.37	119.60
4	6	10	127.64	11.26	85.65	103.82
6	6	10	73.35	22.48	17.36	66.85
8	6	10	57.92	23.60	8.60	70.27
10	6	10	238.25	9.77	232.82	-103.24
12	6	10	62.28	28.54	-11.46	79.94
-31	7	10	22.86	77.36	-6.50	-26.41
-29	7	10	58.01	76.98	-31.61	41.75
-27	7	10	87.30	19.18	83.56	19.35
-25	7	10	128.95	15.66	128.14	-15.49
-23	7	10	53.69	29.38	56.82	11.53

-21	7	10	94.50	19.46	9.11	93.13
-19	7	10	94.03	20.30	6.76	-101.17
-17	7	10	65.02	24.65	52.14	32.81
-15	7	10	23.53	36.27	25.15	11.86
-13	7	10	51.82	31.18	46.24	32.83
-11	7	10	220.63	21.23	208.48	64.93
-9	7	10	104.06	25.36	101.31	-21.73
-7	7	10	92.89	41.80	89.38	-17.66
-5	7	10	38.23	36.99	-39.92	-15.05
-3	7	10	91.35	25.74	87.95	31.14
-1	7	10	163.52	12.08	151.29	54.48
1	7	10	19.26	56.99	19.41	-5.34
3	7	10	100.38	84.20	94.93	37.30
5	7	10	65.37	28.12	57.57	-13.00
7	7	10	64.41	31.10	57.60	6.49
9	7	10	23.21	38.66	-18.06	14.26
11	7	10	19.72	42.27	22.18	10.82
-32	8	10	49.33	79.19	48.51	28.20
-30	8	10	109.21	80.22	71.33	83.22
-28	8	10	347.97	30.56	-319.11	135.44
-26	8	10	42.37	36.21	4.82	-36.66
-24	8	10	250.10	25.43	241.31	-60.29
-22	8	10	159.37	17.80	-114.53	-117.62
-20	8	10	202.37	19.21	84.05	-173.85
-18	8	10	73.90	23.32	-25.00	-74.27
-16	8	10	21.56	36.40	15.52	-6.22
-14	8	10	176.52	16.56	-122.87	-123.82
-12	8	10	212.43	20.39	-206.59	-39.58
-10	8	10	198.00	17.09	-59.22	-188.96
-8	8	10	1016.55	10.34	717.10	-709.70
-6	8	10	116.25	19.96	26.67	113.66
-4	8	10	49.19	44.62	-59.77	-14.43
-2	8	10	503.78	16.94	396.01	308.96
0	8	10	452.59	14.05	351.71	-275.65
2	8	10	201.38	19.83	-139.45	-137.03
4	8	10	294.77	21.03	243.03	-171.48
6	8	10	159.41	13.20	64.66	-138.26
8	8	10	287.21	25.23	95.11	-253.36
10	8	10	291.63	23.99	-192.31	-225.06
12	8	10	452.63	9.08	-367.17	231.69
-31	9	10	79.35	80.01	5.68	79.37
-29	9	10	19.70	77.81	22.01	-18.70
-27	9	10	49.48	80.10	30.73	-26.43
-25	9	10	74.19	23.83	76.04	-12.01
-23	9	10	64.16	27.85	-51.32	-30.25
-21	9	10	75.09	23.31	-76.96	18.10
-19	9	10	69.80	24.32	60.51	39.33
-17	9	10	31.90	34.87	28.31	10.55
-15	9	10	175.38	15.73	-136.05	-96.05
-13	9	10	110.03	20.96	-44.32	103.14
-11	9	10	81.01	18.85	31.37	-76.31
-9	9	10	51.26	41.84	6.15	-42.87
-7	9	10	56.81	27.63	-51.86	-22.01
-5	9	10	119.17	14.15	-104.68	-65.90

-3	9	10	59.41	40.18	28.71	42.71
-1	9	10	97.05	23.58	38.50	-81.17
1	9	10	74.05	26.77	-14.49	-67.74
3	9	10	46.74	38.72	37.68	14.43
5	9	10	17.58	39.62	1.24	10.04
7	9	10	44.79	45.46	-34.36	23.74
9	9	10	107.44	20.52	26.69	-97.53
11	9	10	38.14	38.03	29.43	18.59
13	9	10	195.56	11.71	76.77	175.28
-32	10	10	36.61	83.90	10.83	-29.94
-30	10	10	189.22	48.67	146.11	-123.94
-28	10	10	52.73	78.34	-30.42	-42.22
-26	10	10	66.06	72.88	-7.17	61.21
-24	10	10	40.95	36.21	-12.96	24.20
-22	10	10	227.64	17.07	140.06	-174.93
-20	10	10	29.29	36.31	-11.60	-26.78
-18	10	10	283.88	21.15	-162.03	225.01
-16	10	10	146.26	15.20	39.10	137.85
-14	10	10	394.78	32.70	296.77	-259.94
-12	10	10	303.16	31.19	-147.88	-265.43
-10	10	10	219.17	17.20	206.25	-72.15
-8	10	10	121.44	15.83	-102.17	-61.88
-6	10	10	424.27	35.13	335.91	-249.07
-4	10	10	95.65	13.14	81.06	64.36
-2	10	10	131.01	17.47	47.16	95.00
0	10	10	431.61	40.14	224.86	371.55
2	10	10	91.36	28.84	83.00	55.36
4	10	10	104.78	23.00	-0.64	-109.73
6	10	10	97.72	58.12	63.44	-72.73
8	10	10	151.43	15.87	-128.44	-84.37
10	10	10	144.57	49.38	157.72	-10.17
12	10	10	158.88	14.79	-101.24	-105.94
14	10	10	168.70	28.25	97.36	-135.97
-31	11	10	60.54	83.19	-8.09	-53.07
-29	11	10	23.57	77.34	-11.79	-19.30
-27	11	10	20.17	77.49	-5.90	14.56
-25	11	10	30.13	71.39	22.34	-6.72
-23	11	10	97.14	18.62	86.49	43.33
-21	11	10	31.92	36.08	21.64	-13.89
-19	11	10	10.86	37.67	14.23	-3.27
-17	11	10	133.50	16.56	-29.05	129.68
-15	11	10	104.09	16.44	89.08	51.64
-13	11	10	117.60	14.73	113.14	-38.06
-11	11	10	96.09	17.55	11.57	100.66
-9	11	10	78.39	23.38	43.84	66.66
-7	11	10	65.76	24.68	-15.63	67.97
-5	11	10	139.18	15.12	70.98	116.53
-3	11	10	67.57	21.53	-55.29	41.86
-1	11	10	123.45	13.08	7.18	128.11
1	11	10	164.53	16.21	159.39	6.31
3	11	10	95.19	19.23	-42.15	88.57
5	11	10	91.95	30.38	49.21	83.55
7	11	10	145.85	47.04	-149.84	16.75
9	11	10	101.14	24.33	4.38	96.42

11	11	10	77.72	55.07	-6.95	68.64
13	11	10	62.85	83.48	-48.07	-17.20
15	11	10	53.93	56.80	63.10	22.73
17	11	10	66.25	61.59	11.33	52.97
-30	12	10	80.89	80.37	38.00	71.12
-28	12	10	85.81	74.03	77.48	-38.57
-26	12	10	113.99	70.90	98.07	53.74
-24	12	10	159.58	46.28	-146.69	38.94
-22	12	10	141.63	19.74	-126.28	-75.25
-20	12	10	89.91	24.27	47.54	-77.27
-18	12	10	213.01	18.48	163.78	135.93
-16	12	10	187.60	19.67	-170.42	66.45
-14	12	10	340.34	23.63	290.34	167.35
-12	12	10	272.20	28.04	235.96	-139.07
-10	12	10	238.26	16.85	-216.40	-78.78
-8	12	10	345.97	32.84	108.33	-323.73
-6	12	10	171.67	14.74	-105.99	-138.92
-4	12	10	162.61	16.61	-0.09	-164.16
-2	12	10	109.84	15.35	-107.49	-25.46
0	12	10	234.09	21.88	-29.14	-238.08
2	12	10	220.63	15.62	-135.38	-166.85
4	12	10	459.28	25.17	166.62	-426.49
6	12	10	166.19	14.15	-158.41	12.65
8	12	10	117.07	14.19	-64.48	-92.51
10	12	10	372.12	30.78	333.12	144.16
12	12	10	23.98	42.20	15.22	43.30
14	12	10	136.60	17.73	81.00	97.25
16	12	10	87.80	54.29	-57.41	-65.47
18	12	10	90.36	59.73	73.74	-5.28
20	12	10	131.61	45.70	-91.47	92.05
-29	13	10	32.35	78.45	26.46	-12.29
-27	13	10	91.79	74.53	-76.92	-42.53
-25	13	10	86.15	71.04	-39.31	68.98
-23	13	10	56.52	70.94	-28.21	-45.98
-21	13	10	47.84	36.02	-5.82	-54.12
-19	13	10	90.30	24.01	-9.76	98.40
-17	13	10	86.69	20.85	-63.67	-67.60
-15	13	10	29.62	34.87	26.06	5.99
-13	13	10	80.23	21.27	-33.24	-71.06
-11	13	10	72.05	26.10	-57.23	-45.92
-9	13	10	101.46	17.60	-64.34	79.74
-7	13	10	27.34	31.95	22.59	9.09
-5	13	10	52.08	29.28	-11.58	-47.77
-3	13	10	119.47	17.45	-120.29	-1.54
-1	13	10	38.93	32.61	19.33	28.42
1	13	10	28.14	31.41	29.69	-5.96
3	13	10	36.01	31.48	-0.29	-33.23
5	13	10	36.08	30.99	-21.00	-27.13
7	13	10	23.14	30.37	7.18	18.28
9	13	10	29.65	42.85	-28.05	16.25
11	13	10	47.94	41.95	11.31	-48.37
13	13	10	58.61	40.93	-25.64	-43.13
15	13	10	89.05	65.42	67.62	-40.12
17	13	10	30.37	63.06	20.10	-33.46

19	13	10	85.84	63.22	-73.64	36.54
21	13	10	56.44	64.28	31.56	-37.07
23	13	10	21.39	69.84	-14.97	5.65
-26	14	10	277.58	22.42	83.01	-264.17
-24	14	10	160.97	45.12	-138.05	-74.70
-22	14	10	51.03	60.68	20.48	-49.43
-20	14	10	96.01	21.07	94.39	43.28
-18	14	10	167.16	18.29	21.81	-168.72
-16	14	10	86.00	21.31	61.88	73.38
-14	14	10	80.05	22.25	26.71	53.66
-12	14	10	219.79	20.58	136.98	161.87
-10	14	10	185.50	16.36	-133.76	117.76
-8	14	10	22.65	32.79	-9.85	29.70
-6	14	10	390.37	12.98	-178.02	342.69
-4	14	10	111.82	15.35	-37.82	95.42
-2	14	10	154.34	16.37	37.77	-149.07
0	14	10	102.48	15.46	-90.37	-50.58
2	14	10	81.60	18.78	12.09	-94.44
4	14	10	146.48	11.54	19.23	144.92
6	14	10	168.40	14.41	-66.42	151.46
8	14	10	190.29	20.76	129.79	138.16
10	14	10	66.67	41.07	-39.16	-66.01
12	14	10	291.95	10.13	192.67	206.69
14	14	10	78.38	67.16	90.66	-11.39
16	14	10	114.19	56.06	120.01	8.75
18	14	10	157.36	36.22	-40.70	-158.65
20	14	10	62.97	65.64	-57.14	44.83
22	14	10	63.78	66.43	64.67	-20.42
-27	15	10	5.48	66.51	-7.51	-2.63
-25	15	10	65.64	58.00	14.78	-68.18
-23	15	10	21.44	55.58	-15.29	14.17
-21	15	10	44.96	53.43	29.99	23.73
-19	15	10	71.83	25.47	-21.33	-73.00
-17	15	10	22.32	37.00	-23.18	12.60
-15	15	10	78.86	23.47	-69.10	-35.19
-13	15	10	65.44	28.56	66.04	-3.40
-11	15	10	65.66	28.65	51.07	-38.38
-9	15	10	22.85	34.64	-3.80	-23.68
-7	15	10	60.97	25.40	25.63	-60.85
-5	15	10	117.11	14.75	-70.02	100.41
-3	15	10	70.79	21.84	65.93	-32.31
-1	15	10	50.11	31.30	-19.48	-46.98
1	15	10	50.14	30.14	-47.71	8.08
3	15	10	95.92	18.00	32.37	-97.04
5	15	10	79.19	55.67	-13.40	81.59
7	15	10	29.73	45.47	23.04	-10.63
9	15	10	92.13	30.47	-64.52	47.35
11	15	10	79.26	33.48	-74.80	21.85
13	15	10	65.02	68.17	18.83	-60.06
15	15	10	71.96	64.50	-57.46	41.89
17	15	10	28.26	67.93	-22.09	6.02
19	15	10	94.59	68.35	-74.16	-39.30
21	15	10	58.52	68.07	-9.65	53.46
-24	16	10	49.86	55.11	49.76	-17.46

-22	16	10	60.35	55.70	-29.03	-54.46
-20	16	10	79.34	69.07	-42.01	-62.34
-18	16	10	42.47	67.59	-39.47	-17.14
-16	16	10	102.99	21.15	34.14	-105.25
-14	16	10	94.88	20.34	-63.90	-75.31
-12	16	10	152.35	14.87	-116.96	-81.22
-10	16	10	283.59	23.96	-242.83	-136.01
-8	16	10	41.18	35.70	-37.91	33.66
-6	16	10	31.43	32.96	39.70	14.56
-4	16	10	156.29	12.46	-147.25	-33.91
-2	16	10	128.70	16.77	115.20	-45.94
0	16	10	115.87	15.99	107.18	16.65
2	16	10	234.05	20.47	-214.62	-61.13
4	16	10	231.03	17.13	-74.73	-215.84
6	16	10	117.81	31.75	-29.51	-103.50
8	16	10	145.79	20.63	-59.13	135.33
10	16	10	150.04	40.97	-107.66	-97.59
12	16	10	135.14	47.72	-72.38	-114.99
14	16	10	247.84	28.68	-199.64	-127.05
16	16	10	195.48	36.54	76.87	-187.12
18	16	10	96.91	70.31	-91.04	6.00
20	16	10	106.53	69.04	-81.76	44.48
-23	17	10	40.55	74.00	44.76	-12.11
-19	17	10	4.85	68.44	4.35	-2.88
-17	17	10	72.52	67.38	39.34	-53.66
-15	17	10	76.50	65.89	-72.58	9.56
-13	17	10	36.53	35.78	10.99	37.40
-11	17	10	50.54	36.09	27.67	-45.69
-9	17	10	59.28	27.59	-18.75	-59.34
-7	17	10	37.08	35.16	37.90	11.44
-5	17	10	27.61	35.31	7.00	-37.72
-3	17	10	14.54	32.92	-3.87	-19.06
-1	17	10	58.27	26.57	-13.17	-60.46
1	17	10	67.60	21.68	14.25	-71.85
3	17	10	34.92	53.68	13.90	26.58
5	17	10	126.46	42.06	81.15	-96.68
7	17	10	10.62	64.70	-2.10	-7.42
9	17	10	21.53	65.92	19.90	-12.60
11	17	10	78.34	67.68	72.08	-6.91
13	17	10	47.71	69.91	45.64	-2.59
15	17	10	54.26	70.62	11.53	-47.45
17	17	10	31.40	71.62	34.10	12.65
-22	18	10	94.44	72.64	-76.28	55.63
-20	18	10	68.90	69.39	-33.88	49.23
-18	18	10	26.07	69.10	-30.74	-3.45
-16	18	10	92.26	67.67	-94.56	7.14
-14	18	10	143.63	47.54	-35.07	-139.11
-12	18	10	206.17	22.43	-198.36	-44.21
-10	18	10	57.99	31.90	0.72	-66.80
-8	18	10	162.83	18.30	159.62	18.03
-6	18	10	88.38	18.46	-40.69	85.44
-4	18	10	105.20	18.72	111.06	36.85
-2	18	10	75.96	21.24	5.02	70.15
4	18	10	70.38	62.98	69.46	-33.07

6	18	10	90.21	68.28	-42.06	79.82	
8	18	10	32.62	67.70	-16.44	38.88	
10	18	10	96.20	70.02	14.31	-86.13	
12	18	10	176.28	40.44	-155.95	-47.84	
14	18	10	108.75	64.63	-69.78	-92.02	
16	18	10	126.49	60.86	-110.87	60.70	
-19	19	10	50.73	70.67	47.74	-22.44	
-17	19	10	35.88	72.01	0.99	36.19	
-15	19	10	63.35	57.12	59.16	-21.58	
-13	19	10	42.61	55.87	0.43	-44.22	
-11	19	10	10.90	55.55	11.95	-5.27	
-9	19	10	97.52	44.58	62.67	-68.10	
-7	19	10	35.50	64.44	36.04	9.57	
-5	19	10	26.30	35.72	-19.90	-12.95	
-3	19	10	29.88	34.70	-6.34	27.02	
5	19	10	64.20	63.41	-23.84	-57.75	
7	19	10	32.97	66.46	-7.82	36.43	
9	19	10	64.73	69.14	61.62	12.02	
11	19	10	12.21	70.22	2.26	11.65	
13	19	10	24.45	70.39	-12.03	13.29	
-16	20	10	32.13	57.78	-22.77	20.64	
-14	20	10	76.65	70.49	-77.17	18.15	
-12	20	10	95.28	66.11	99.88	-19.24	
-10	20	10	89.43	67.67	-84.64	-9.92	
-8	20	10	259.21	27.34	-66.95	-248.23	
-6	20	10	25.70	62.98	-25.81	-1.74	
6	20	10	42.19	66.30	-20.63	32.97	
8	20	10	125.05	50.49	-87.98	-93.84	
10	20	10	69.02	71.11	60.10	-16.59	
-11	21	10	17.74	69.45	17.22	-14.71	
-7	21	10	22.72	65.52	-18.12	-13.52	
-34	0	11	19.23	56.01	-31.33	0.00	
-32	0	11	82.88	51.53	-94.14	0.00	
-30	0	11	12.31	52.60	7.71	0.00	
-28	0	11	81.23	46.44	81.86	0.00	
-26	0	11	45.69	48.60	52.60	0.00	
-24	0	11	68.88	46.46	76.69	0.00	
-22	0	11	14.72	38.54	-26.08	0.00	
-20	0	11	530.71	116.64	576.30	0.00	
-18	0	11	67.19	21.87	75.86	0.00	
-16	0	11	1159.66	252.66	-1270.12	0.00	
-14	0	11	29.11	42.19	-30.14	0.00	
-12	0	11	488.48	107.58	542.81	0.00	
-10	0	11	32.20	41.60	54.27	0.00	
-8	0	11	551.27	120.23	-596.77	0.00	
-6	0	11	18.83	34.88	-11.61	0.00	
-4	0	11	332.65	73.29	366.15	0.00	
-2	0	11	39.94	31.73	47.33	0.00	
0	0	11	19.38	63.32	30.22	0.00	
2	0	11	53.77	32.45	59.59	0.00	
4	0	11	764.14	167.46	838.43	0.00	
6	0	11	57.86	26.71	68.99	0.00	
8	0	11	1366.46	297.56	-1494.79	0.00	
-35	1	11	40.34	48.76	-21.79	40.76	

-33	1	11	67.18	44.73	-56.71	-33.32
-31	1	11	78.26	53.58	-9.88	75.63
-29	1	11	78.99	33.19	68.96	45.95
-27	1	11	69.77	39.84	-23.47	-73.09
-25	1	11	57.98	41.82	21.20	-53.20
-23	1	11	83.19	17.84	87.86	9.44
-21	1	11	25.56	28.56	24.79	8.04
-19	1	11	38.42	29.78	-0.62	42.39
-17	1	11	71.51	26.52	-32.10	-70.33
-15	1	11	28.64	36.72	19.97	-12.76
-13	1	11	148.14	20.04	7.22	149.35
-11	1	11	8.24	37.94	3.08	-10.85
-9	1	11	53.76	43.87	-33.52	-50.06
-7	1	11	109.05	17.43	22.28	106.87
-5	1	11	96.77	19.97	40.84	82.21
-3	1	11	123.34	37.21	-52.80	109.41
-1	1	11	85.51	12.83	74.25	-44.57
1	1	11	44.85	27.05	-23.34	46.44
3	1	11	121.20	18.58	76.55	100.57
5	1	11	30.91	29.33	-5.19	26.49
9	1	11	80.31	25.53	6.71	-84.40
-34	2	11	76.30	42.69	28.95	65.06
-32	2	11	87.82	32.57	16.64	-91.60
-30	2	11	119.09	26.25	-26.07	-120.68
-28	2	11	99.08	27.47	-12.65	-109.72
-26	2	11	284.71	42.24	294.09	69.94
-24	2	11	65.14	19.88	36.02	-49.29
-22	2	11	176.39	25.14	-112.21	-125.96
-20	2	11	271.74	42.31	10.16	295.90
-18	2	11	220.97	30.93	-158.37	159.73
-16	2	11	167.55	24.53	20.84	177.95
-14	2	11	319.63	48.29	286.45	-193.80
-12	2	11	226.21	35.25	17.97	237.34
-10	2	11	122.41	17.13	79.37	86.05
-8	2	11	842.03	5.55	-148.48	-900.92
-6	2	11	440.92	67.68	448.00	-154.49
-4	2	11	162.48	21.83	-19.88	172.88
-2	2	11	622.85	87.38	637.96	-105.85
0	2	11	364.31	13.54	-107.37	-371.16
2	2	11	601.81	90.41	637.92	-90.46
4	2	11	401.58	60.49	94.46	416.43
6	2	11	407.40	10.45	413.53	-140.32
8	2	11	717.27	6.89	-153.75	-760.55
10	2	11	790.66	7.48	839.78	-93.89
-35	3	11	36.21	50.02	38.97	-6.14
-33	3	11	24.28	47.61	-17.54	11.62
-31	3	11	20.06	46.61	-10.09	-23.16
-29	3	11	18.06	50.73	-10.17	7.71
-27	3	11	49.42	28.72	-47.62	27.16
-25	3	11	108.04	19.96	23.53	-110.11
-23	3	11	52.93	29.51	-53.31	-3.09
-21	3	11	85.69	18.20	-75.48	43.41
-19	3	11	73.91	22.51	-24.44	-72.62
-17	3	11	73.59	29.50	33.19	-66.55

-15	3	11	111.14	16.65	-96.29	59.22
-13	3	11	31.48	36.58	40.45	-3.94
-11	3	11	48.23	25.07	49.78	1.06
-9	3	11	108.48	23.97	-65.90	-86.13
-7	3	11	131.05	19.49	-110.67	-72.03
-5	3	11	31.86	27.87	14.28	33.63
-3	3	11	29.48	29.50	-1.15	-26.84
-1	3	11	78.51	13.81	-53.20	-53.57
1	3	11	75.63	18.33	-26.17	-73.79
3	3	11	33.82	27.68	-26.95	18.83
5	3	11	99.96	22.54	-15.34	104.07
7	3	11	124.59	28.70	-19.10	-129.16
9	3	11	75.38	30.81	-64.91	9.04
11	3	11	40.45	34.72	51.48	12.35
-34	4	11	66.62	48.76	-34.52	-66.61
-32	4	11	143.30	38.19	151.09	-34.86
-30	4	11	30.05	60.47	-16.43	-27.68
-28	4	11	176.94	25.27	-168.22	83.23
-26	4	11	20.20	32.91	15.57	-7.47
-24	4	11	549.12	79.99	553.56	-191.61
-22	4	11	316.93	45.36	-90.78	-325.21
-20	4	11	98.39	19.93	-90.01	54.93
-18	4	11	103.35	20.58	42.46	105.74
-16	4	11	581.42	85.21	562.69	-260.72
-14	4	11	84.34	19.96	97.80	-9.25
-12	4	11	454.10	66.22	493.97	-44.34
-10	4	11	138.48	20.54	-5.17	-149.16
-8	4	11	871.35	130.52	879.97	-329.20
-6	4	11	435.81	64.75	-47.53	-465.15
-4	4	11	1377.47	192.80	-1315.32	583.28
-2	4	11	116.17	17.47	1.82	-126.06
0	4	11	343.11	49.80	331.88	-163.79
2	4	11	328.69	48.03	-57.93	-351.60
4	4	11	553.42	8.46	-548.41	196.85
6	4	11	355.19	10.43	-60.80	-372.24
8	4	11	89.02	24.79	-66.40	98.15
10	4	11	30.23	36.89	-43.79	-26.16
-33	5	11	61.21	67.09	61.11	28.26
-31	5	11	21.04	65.39	7.09	21.97
-29	5	11	39.17	33.07	-43.42	9.95
-27	5	11	20.96	34.16	21.82	8.84
-25	5	11	103.10	16.82	1.59	104.54
-23	5	11	51.57	34.99	-49.22	-25.35
-21	5	11	63.80	24.38	-66.56	-12.03
-19	5	11	180.12	25.66	45.64	178.88
-17	5	11	136.35	20.22	135.04	37.36
-15	5	11	42.59	37.05	-10.46	41.34
-13	5	11	22.72	54.23	21.23	-22.27
-11	5	11	139.01	28.67	113.48	80.31
-9	5	11	172.23	24.87	130.01	107.69
-7	5	11	46.24	22.23	22.67	39.63
-5	5	11	85.34	12.87	82.49	9.40
-3	5	11	92.88	35.22	54.70	76.45
-1	5	11	192.19	27.76	125.99	147.13

1	5	11	130.76	34.84	127.94	67.22
3	5	11	62.28	43.87	50.76	44.09
5	5	11	63.97	32.78	46.11	53.41
7	5	11	71.74	34.58	43.03	61.15
9	5	11	82.24	27.74	63.96	59.26
-34	6	11	176.26	44.70	-181.33	42.72
-32	6	11	164.62	39.84	4.91	179.31
-30	6	11	53.84	65.37	41.67	36.22
-28	6	11	195.33	27.09	121.39	166.65
-26	6	11	217.65	30.70	154.61	-169.48
-24	6	11	59.23	29.53	-32.12	31.94
-22	6	11	124.88	18.85	-47.75	119.00
-20	6	11	159.11	21.53	-32.71	-162.85
-18	6	11	262.41	37.57	162.48	-220.33
-16	6	11	202.32	28.83	39.24	206.33
-14	6	11	646.08	94.76	634.43	-266.75
-12	6	11	32.48	34.97	25.53	9.01
-10	6	11	191.21	27.53	106.07	-166.19
-8	6	11	589.99	6.78	249.55	591.89
-6	6	11	435.06	18.03	-399.15	259.66
-4	6	11	38.30	29.85	-47.32	19.41
-2	6	11	903.05	19.97	818.62	-527.68
0	6	11	483.26	12.85	206.70	468.14
2	6	11	82.93	33.54	72.51	-55.47
4	6	11	286.35	14.36	-171.48	-245.72
6	6	11	556.23	11.01	463.65	-372.44
8	6	11	483.20	8.13	157.66	495.52
10	6	11	361.91	8.64	329.13	-199.09
12	6	11	99.94	21.33	-99.73	-17.88
-31	7	11	34.97	70.91	-1.31	-39.17
-27	7	11	60.21	29.08	-44.53	49.85
-25	7	11	48.86	35.48	-31.44	34.19
-23	7	11	48.78	34.65	50.23	8.20
-21	7	11	92.31	24.16	-93.60	27.97
-19	7	11	73.56	24.82	-33.81	-69.31
-17	7	11	72.40	26.07	-55.83	46.12
-15	7	11	37.42	35.97	-21.16	-34.78
-13	7	11	91.45	22.85	-47.73	-80.85
-11	7	11	93.08	18.54	-87.58	28.01
-9	7	11	138.58	18.83	-143.34	-6.07
-7	7	11	76.65	40.22	12.98	-68.84
-5	7	11	192.00	14.26	-177.08	-82.66
-3	7	11	75.75	28.97	-73.42	-8.04
-1	7	11	101.50	29.06	-50.52	-85.87
1	7	11	48.90	44.09	-49.37	-15.22
3	7	11	96.93	28.03	-77.97	-65.40
5	7	11	210.80	13.52	-213.62	-31.94
7	7	11	68.77	33.95	63.78	-41.99
9	7	11	94.11	24.41	-98.22	-26.42
11	7	11	82.25	25.93	-69.57	42.45
13	7	11	92.75	25.08	-9.35	-99.02
-32	8	11	16.68	75.59	5.90	-13.57
-30	8	11	105.76	68.76	55.08	98.12
-28	8	11	166.05	23.92	135.09	-101.02

-26	8	11	137.11	22.73	-92.49	-116.97
-24	8	11	144.13	20.95	132.57	-78.34
-22	8	11	75.52	62.73	44.29	64.62
-20	8	11	267.35	39.11	217.30	-174.81
-18	8	11	145.59	21.26	-133.98	-75.17
-16	8	11	243.88	31.93	-124.30	232.03
-14	8	11	86.91	20.13	-55.64	-80.27
-12	8	11	543.31	80.04	389.37	-438.52
-10	8	11	337.60	50.39	-236.22	-280.63
-8	8	11	397.24	59.62	-316.18	281.03
-6	8	11	346.56	50.96	228.42	289.31
-4	8	11	74.20	27.05	13.03	-67.14
-2	8	11	132.16	13.73	30.77	132.61
0	8	11	539.00	11.36	535.69	-258.13
2	8	11	161.67	10.65	73.83	158.62
4	8	11	422.05	18.84	372.81	-269.45
6	8	11	235.90	12.64	137.62	202.88
8	8	11	1114.74	9.88	-946.53	757.37
10	8	11	56.05	38.86	-2.94	-57.99
12	8	11	122.30	20.48	129.28	-34.32
-29	9	11	65.01	74.50	56.67	-36.66
-27	9	11	59.66	33.43	-39.89	58.38
-25	9	11	45.39	37.42	-45.37	-4.49
-23	9	11	146.81	21.13	119.34	90.70
-21	9	11	90.68	19.54	91.64	-18.99
-19	9	11	59.56	30.66	-63.68	6.67
-17	9	11	27.67	35.27	-12.75	-19.33
-15	9	11	55.32	31.13	37.30	35.99
-13	9	11	118.26	15.77	36.60	111.54
-11	9	11	32.71	31.74	1.30	-39.66
-9	9	11	60.66	23.22	-44.34	48.12
-7	9	11	175.30	26.84	91.17	158.54
-5	9	11	71.37	20.67	70.97	-1.92
-3	9	11	42.47	37.14	-23.37	32.88
-1	9	11	47.08	36.15	37.34	-25.32
1	9	11	150.09	20.13	98.76	112.81
3	9	11	66.77	27.12	68.48	0.34
5	9	11	9.81	43.24	8.46	-6.03
7	9	11	2.42	36.50	-2.85	7.42
9	9	11	36.32	44.95	-15.48	31.98
13	9	11	57.46	39.04	54.62	29.16
-30	10	11	77.62	72.00	34.94	-78.90
-28	10	11	80.33	70.95	-66.15	-61.24
-26	10	11	149.36	21.65	60.94	-150.58
-24	10	11	112.64	18.05	99.86	-50.09
-22	10	11	360.64	51.23	-305.72	226.96
-20	10	11	375.14	54.18	209.46	329.21
-18	10	11	422.37	61.58	-322.77	309.62
-16	10	11	64.69	28.49	-34.29	-51.71
-14	10	11	193.08	28.47	40.44	-202.01
-12	10	11	59.72	24.99	-59.21	-8.70
-10	10	11	321.23	48.40	-264.47	228.83
-8	10	11	100.64	17.91	91.72	-28.42
-6	10	11	327.23	27.56	44.02	-347.36

-4	10	11	319.45	48.59	218.46	257.78
-2	10	11	304.75	44.38	182.27	-261.72
0	10	11	256.23	18.14	-191.79	-186.55
2	10	11	575.21	15.06	256.91	-561.33
4	10	11	460.99	9.22	359.63	336.99
6	10	11	298.49	9.81	-241.40	211.28
8	10	11	50.44	38.03	31.02	-62.19
10	10	11	459.06	44.07	200.99	-434.29
12	10	11	67.70	34.41	-10.24	-74.32
14	10	11	181.86	13.00	-160.61	91.44
-29	11	11	36.95	69.51	-5.06	33.59
-27	11	11	39.40	70.23	0.42	-44.64
-25	11	11	92.67	20.85	65.74	-74.73
-23	11	11	49.52	37.06	-5.06	-46.71
-21	11	11	64.28	31.87	-53.31	22.55
-19	11	11	90.45	19.75	21.66	-93.81
-17	11	11	102.37	19.39	-49.20	-91.64
-15	11	11	24.18	34.16	-14.31	-13.73
-13	11	11	20.97	32.26	12.56	-23.69
-11	11	11	68.81	21.67	8.83	-70.55
-9	11	11	22.32	32.19	-8.49	-18.74
-7	11	11	134.14	19.83	-132.45	-36.54
-5	11	11	88.13	16.86	-2.04	-89.40
-3	11	11	92.10	18.55	-70.12	-62.21
-1	11	11	35.68	32.45	-4.14	-36.79
1	11	11	88.03	20.53	-50.38	-72.72
3	11	11	28.28	31.52	-24.71	-15.72
5	11	11	101.17	29.75	45.04	-88.79
7	11	11	112.19	30.53	-121.43	7.33
9	11	11	39.30	38.84	27.56	-36.62
13	11	11	21.42	39.83	-3.88	28.80
-28	12	11	16.26	66.60	3.80	18.25
-26	12	11	54.72	67.52	-34.54	-55.26
-24	12	11	153.09	22.09	66.44	-152.84
-22	12	11	118.41	22.37	-131.22	-22.70
-20	12	11	64.99	32.88	23.58	-67.30
-18	12	11	135.32	20.29	130.66	58.48
-16	12	11	73.72	23.30	-50.26	64.86
-14	12	11	298.92	44.49	-299.14	-116.32
-12	12	11	288.77	42.26	199.41	-233.77
-10	12	11	57.13	28.77	49.98	24.14
-8	12	11	279.54	43.72	159.92	-256.92
-6	12	11	63.67	23.84	5.64	65.50
-4	12	11	387.66	55.64	-170.48	374.72
-2	12	11	298.84	45.49	-235.37	-224.42
0	12	11	113.06	22.46	30.92	-123.06
2	12	11	578.82	86.47	-508.40	-364.35
4	12	11	91.90	20.68	-55.81	75.00
6	12	11	171.02	16.16	161.64	83.76
8	12	11	129.08	14.83	-8.29	137.30
10	12	11	122.29	20.61	73.30	106.10
12	12	11	21.97	41.55	15.09	12.02
14	12	11	156.13	17.37	-148.24	-58.34
-27	13	11	38.82	67.20	38.14	-9.21

-25	13	11	39.82	66.62	29.54	35.58
-23	13	11	39.60	36.72	-26.51	-31.11
-21	13	11	55.34	31.66	-38.12	44.90
-19	13	11	99.05	19.61	93.81	37.84
-17	13	11	19.50	34.53	15.59	-15.08
-15	13	11	37.32	35.04	3.70	39.16
-13	13	11	17.82	35.64	-16.04	5.97
-11	13	11	243.39	35.68	240.53	55.51
-9	13	11	76.95	20.50	55.05	-61.83
-7	13	11	20.98	33.05	-20.68	-20.04
-5	13	11	43.96	32.79	23.07	43.12
-3	13	11	109.01	16.93	111.17	8.92
-1	13	11	99.59	16.94	72.63	66.17
1	13	11	41.96	32.15	40.76	-19.77
3	13	11	86.86	25.13	83.04	-30.15
5	13	11	117.30	18.54	73.68	94.90
7	13	11	53.33	26.48	54.06	4.49
9	13	11	20.41	42.76	-16.03	-7.86
11	13	11	84.66	30.54	88.35	5.51
-26	14	11	36.18	54.50	5.17	-40.78
-24	14	11	24.92	51.69	12.88	21.18
-22	14	11	27.52	36.38	-20.03	-8.81
-20	14	11	119.74	17.57	91.75	-81.76
-18	14	11	165.93	24.36	91.60	-147.47
-16	14	11	16.06	46.70	13.93	-21.36
-14	14	11	51.28	35.16	9.82	-54.59
-12	14	11	145.62	16.37	-54.57	-142.75
-10	14	11	59.48	27.05	-20.58	-49.69
-8	14	11	260.88	39.06	236.81	143.40
-6	14	11	161.25	23.88	-46.31	165.28
-4	14	11	171.58	15.67	-85.44	-150.19
-2	14	11	205.88	31.07	25.93	-213.05
0	14	11	274.36	39.92	-247.78	-146.04
2	14	11	180.50	26.58	-31.10	191.44
4	14	11	239.86	35.71	-166.02	-183.68
6	14	11	461.96	15.06	48.61	-481.62
8	14	11	192.58	16.07	170.67	108.30
10	14	11	161.38	21.31	61.49	-162.83
12	14	11	163.84	19.63	-154.55	-72.20
14	14	11	203.23	12.34	-1.25	-205.01
-25	15	11	39.31	59.87	36.20	17.71
-23	15	11	43.44	51.14	36.37	-27.55
-21	15	11	13.18	49.94	-6.65	4.71
-19	15	11	65.84	30.42	-59.77	25.96
-17	15	11	47.02	37.63	42.50	33.38
-15	15	11	11.21	39.34	-1.87	12.58
-13	15	11	77.89	23.86	72.37	-43.42
-11	15	11	50.60	32.48	9.46	-47.61
-9	15	11	87.29	18.93	-23.28	87.45
-7	15	11	53.87	27.85	22.60	-50.89
-5	15	11	40.68	37.47	-30.60	35.77
-3	15	11	11.64	32.13	2.44	15.89
-1	15	11	23.20	33.79	8.03	-27.15
1	15	11	40.99	33.60	43.97	0.57

3	15	11	18.62	31.99	10.01	23.24
5	15	11	72.85	47.97	-37.82	65.54
7	15	11	107.54	29.31	11.91	-108.02
9	15	11	59.67	44.67	-9.24	60.79
-22	16	11	40.23	61.77	-27.82	32.97
-20	16	11	194.40	29.29	80.13	-194.37
-18	16	11	65.28	31.67	-25.90	69.51
-16	16	11	46.62	37.55	8.57	-46.65
-14	16	11	56.97	32.90	-53.21	-32.65
-12	16	11	86.71	20.81	3.63	-102.10
-10	16	11	281.47	42.29	-302.15	2.88
-8	16	11	222.05	31.12	-10.75	-237.00
-6	16	11	99.00	17.96	92.53	44.68
-4	16	11	148.49	19.55	2.79	156.46
-2	16	11	136.39	19.64	-49.22	135.51
0	16	11	23.62	33.92	10.93	22.27
2	16	11	74.83	20.62	-8.05	82.56
4	16	11	134.77	28.77	33.95	-141.39
6	16	11	97.08	32.76	2.45	92.74
8	16	11	226.07	16.86	-45.88	233.81
10	16	11	25.26	43.83	4.24	20.29
-19	17	11	59.61	61.57	-32.86	51.37
-17	17	11	50.29	60.89	1.75	52.53
-15	17	11	34.06	36.69	28.19	-21.80
-13	17	11	45.34	35.50	41.92	11.59
-11	17	11	84.49	20.61	-89.52	-10.03
-9	17	11	32.53	35.03	32.80	1.34
-7	17	11	82.32	20.17	65.31	53.28
-5	17	11	23.21	32.24	-30.33	-10.61
-3	17	11	30.31	34.30	-3.90	32.40
-1	17	11	15.52	34.08	8.75	-14.42
1	17	11	108.13	18.94	105.07	-22.35
3	17	11	36.93	51.25	29.12	-34.79
5	17	11	82.45	39.39	-88.48	-8.50
-16	18	11	33.47	62.38	-12.40	-40.94
-14	18	11	32.53	50.56	5.70	-35.79
-12	18	11	34.19	35.28	-14.72	24.39
-10	18	11	42.13	33.54	0.49	48.34
-8	18	11	92.41	19.42	-49.73	-77.72
-6	18	11	201.71	30.38	-11.86	-205.11
-4	18	11	119.35	17.92	105.86	57.97
-2	18	11	102.71	18.45	4.55	-106.18
0	18	11	37.81	51.82	36.14	-22.80
-13	19	11	18.51	61.67	-20.51	0.25
-11	19	11	24.83	60.66	31.33	-6.00
-9	19	11	52.54	34.46	-56.16	7.65
-7	19	11	79.30	21.50	-48.08	69.37
-5	19	11	11.08	34.59	-3.89	3.95
-32	0	12	57.28	59.15	63.85	0.00
-30	0	12	86.64	50.09	80.21	0.00
-28	0	12	50.17	57.74	-56.36	0.00
-26	0	12	44.86	51.99	-42.38	0.00
-24	0	12	228.26	45.11	248.82	0.00
-22	0	12	125.38	24.65	131.69	0.00

-20	0	12	345.94	68.71	-371.08	0.00	
-18	0	12	96.82	19.06	-104.07	0.00	
-16	0	12	228.75	44.77	235.89	0.00	
-14	0	12	112.51	25.30	95.87	0.00	
-12	0	12	186.66	37.76	-202.35	0.00	
-10	0	12	96.60	19.23	-92.51	0.00	
-8	0	12	1200.12	234.54	-1297.51	0.00	0.00
-6	0	12	27.75	38.74	17.49	0.00	
-4	0	12	342.42	69.71	-370.88	0.00	
-2	0	12	54.20	27.72	-55.77	0.00	
0	0	12	847.48	166.58	886.99	0.00	
2	0	12	20.17	37.77	-5.78	0.00	
4	0	12	589.89	115.37	616.81	0.00	
6	0	12	28.86	35.93	-36.97	0.00	
8	0	12	304.38	59.54	-343.36	0.00	
-35	1	12	6.96	51.88	3.34	-5.47	
-33	1	12	50.81	49.28	13.71	49.93	
-31	1	12	39.76	47.51	-40.15	22.23	
-29	1	12	36.30	45.71	14.81	-33.68	
-27	1	12	34.17	44.69	-22.94	-29.29	
-25	1	12	115.03	23.42	-2.78	120.03	
-23	1	12	36.97	31.36	-16.43	-39.06	
-21	1	12	57.81	24.84	-13.46	-56.41	
-19	1	12	50.05	27.26	50.47	25.04	
-17	1	12	119.34	18.86	51.94	111.58	
-15	1	12	100.87	21.70	-5.69	-99.32	
-13	1	12	68.74	31.05	-68.67	-23.40	
-11	1	12	65.54	35.49	3.98	-61.75	
-9	1	12	97.83	25.74	-14.36	102.02	
-7	1	12	31.88	36.43	-25.88	27.52	
-5	1	12	89.17	14.65	-20.80	-85.51	
-3	1	12	109.30	19.91	-37.54	-97.96	
-1	1	12	10.43	25.98	15.74	0.05	
1	1	12	47.90	30.40	-28.65	-34.92	
3	1	12	105.65	14.76	-21.23	-104.99	
5	1	12	186.17	25.57	-101.73	-156.11	
7	1	12	53.20	34.96	8.07	-51.61	
9	1	12	26.66	39.43	5.27	29.65	
-34	2	12	192.92	26.85	-203.64	12.24	
-32	2	12	85.48	39.01	-35.86	84.52	
-30	2	12	64.98	48.14	51.96	45.40	
-28	2	12	399.84	55.20	-93.52	-411.76	
-26	2	12	77.94	37.02	40.64	-65.60	
-24	2	12	345.41	47.79	71.59	358.03	
-22	2	12	406.08	53.41	-418.93	70.30	
-20	2	12	42.12	33.03	-55.01	7.83	
-18	2	12	117.62	15.75	125.03	3.34	
-16	2	12	685.74	94.23	66.69	726.57	
-14	2	12	162.55	21.15	168.46	4.41	
-12	2	12	377.43	51.72	-108.47	-383.39	
-10	2	12	215.49	21.49	-176.64	150.60	
-8	2	12	663.73	92.00	128.17	687.01	
-6	2	12	259.38	35.36	-270.75	12.20	
-4	2	12	680.62	88.44	-196.48	-675.57	

-2	2	12	564.13	72.43	579.75	-4.00
0	2	12	265.34	36.92	14.14	289.61
2	2	12	211.18	22.29	-206.65	-86.78
4	2	12	183.04	24.61	-35.08	-183.18
6	2	12	344.52	9.64	-353.90	94.02
8	2	12	485.77	7.75	41.82	519.39
10	2	12	152.34	15.15	-155.98	-17.24
-33	3	12	34.54	55.72	-15.47	37.28
-31	3	12	76.65	43.62	49.77	-59.05
-29	3	12	77.81	38.81	-41.53	-69.50
-27	3	12	52.33	37.18	33.15	46.87
-25	3	12	83.31	17.78	-29.61	84.00
-23	3	12	49.55	32.13	49.55	-13.45
-21	3	12	116.22	18.56	-23.71	-116.16
-19	3	12	87.16	17.47	-67.56	-58.38
-17	3	12	26.98	32.29	20.10	23.24
-15	3	12	60.70	33.27	60.49	-0.38
-13	3	12	93.20	32.33	-33.64	-94.03
-11	3	12	56.02	25.76	-2.12	57.39
-9	3	12	150.46	21.62	19.73	152.98
-7	3	12	51.28	58.47	41.20	-31.80
-5	3	12	69.34	16.61	28.90	-64.72
-3	3	12	47.58	24.28	4.78	43.00
-1	3	12	197.42	26.68	44.33	190.23
1	3	12	66.95	19.37	42.21	46.44
3	3	12	12.29	29.85	-3.57	8.43
5	3	12	126.52	19.28	124.91	24.71
7	3	12	119.53	27.84	32.78	118.89
9	3	12	154.55	16.57	44.38	151.27
11	3	12	44.51	39.70	9.90	45.10
-34	4	12	28.12	50.59	23.02	9.47
-32	4	12	148.52	26.76	-129.63	99.53
-30	4	12	50.29	51.48	-46.95	7.48
-28	4	12	105.41	29.08	69.04	-81.62
-26	4	12	80.57	20.37	58.99	-47.66
-24	4	12	230.06	29.30	-207.98	112.26
-22	4	12	273.33	34.92	-6.95	280.87
-20	4	12	421.68	55.34	-436.59	72.89
-18	4	12	219.71	28.81	134.31	178.26
-16	4	12	520.27	68.46	-492.63	235.59
-14	4	12	77.65	27.96	-79.30	21.16
-12	4	12	183.06	21.11	156.44	-93.75
-10	4	12	441.60	57.46	222.76	392.12
-8	4	12	287.38	36.74	-267.08	150.02
-6	4	12	433.46	58.83	64.57	451.18
-4	4	12	353.04	47.87	-362.58	127.22
-2	4	12	51.61	22.80	5.37	-44.52
0	4	12	229.30	29.11	-239.00	18.37
2	4	12	295.01	38.12	-128.96	-272.02
4	4	12	1150.63	10.87	-1172.47	421.93
6	4	12	492.13	11.31	107.38	499.95
8	4	12	325.27	10.14	-348.18	21.92
10	4	12	128.38	17.87	58.23	120.09
-33	5	12	60.00	50.20	-28.63	-54.87

-29	5	12	74.53	24.32	49.50	49.36
-27	5	12	96.52	19.24	-34.65	-93.73
-25	5	12	62.72	28.78	-72.56	-8.98
-23	5	12	19.92	36.39	4.44	-21.21
-21	5	12	28.73	35.16	-17.73	16.84
-19	5	12	46.56	37.13	-56.66	-0.45
-17	5	12	102.87	19.35	-75.04	-73.90
-15	5	12	71.52	29.54	-69.05	-21.96
-11	5	12	42.52	54.16	-43.38	8.52
-9	5	12	129.00	15.01	-18.21	-129.04
-7	5	12	116.19	19.75	-100.58	-50.58
-5	5	12	61.81	20.21	19.84	-61.87
-3	5	12	119.02	15.95	-39.64	-111.71
-1	5	12	78.06	18.06	-61.36	-40.73
1	5	12	170.26	24.13	-98.86	-138.02
3	5	12	140.70	25.31	-81.38	-111.17
5	5	12	84.84	28.59	-1.10	-80.59
7	5	12	92.08	27.35	-42.34	-77.49
9	5	12	220.11	12.54	-105.09	-199.58
11	5	12	115.96	20.58	-43.06	-107.61
-32	6	12	32.72	73.89	-18.90	-32.38
-30	6	12	85.83	20.43	-80.20	48.52
-28	6	12	170.96	22.14	42.91	167.94
-26	6	12	284.53	36.81	-225.14	191.46
-24	6	12	158.12	20.09	-114.86	-119.18
-22	6	12	33.36	36.89	-27.55	27.62
-20	6	12	239.80	31.14	113.37	213.60
-18	6	12	106.00	20.90	-45.99	104.89
-16	6	12	711.20	93.72	-384.32	-631.30
-14	6	12	365.39	48.06	323.72	-188.51
-12	6	12	200.75	25.36	137.59	158.89
-10	6	12	345.25	46.55	-338.00	146.39
-8	6	12	70.16	34.85	-60.59	-25.15
-6	6	12	372.24	37.45	345.62	-198.44
-4	6	12	427.10	26.68	231.76	389.99
-2	6	12	399.27	12.85	-347.64	236.43
0	6	12	648.98	11.61	-308.28	-610.31
2	6	12	363.91	11.87	-269.39	271.18
4	6	12	309.56	13.99	216.36	233.41
6	6	12	463.83	11.41	-407.54	278.67
8	6	12	205.42	14.43	-150.37	-144.69
10	6	12	130.24	21.75	-88.17	105.74
12	6	12	118.21	19.53	14.05	132.37
-31	7	12	52.08	75.17	-59.94	5.34
-29	7	12	36.02	36.56	42.87	3.45
-27	7	12	61.83	33.03	60.09	28.79
-25	7	12	31.52	35.42	2.51	-32.02
-23	7	12	29.21	37.00	22.01	23.05
-21	7	12	98.10	19.80	38.62	102.85
-19	7	12	95.93	20.06	-16.40	-99.55
-17	7	12	20.11	38.71	-11.11	-19.39
-15	7	12	98.48	20.84	-10.44	96.43
-13	7	12	165.99	21.23	105.76	125.95
-11	7	12	104.13	18.51	97.11	-50.49

-9	7	12	71.99	26.45	-37.19	-70.56
-7	7	12	31.89	39.81	7.78	23.74
-5	7	12	127.20	16.77	103.39	74.86
-3	7	12	100.87	35.81	98.57	37.89
-1	7	12	22.15	51.60	17.41	0.80
1	7	12	136.64	22.71	104.94	74.67
3	7	12	202.47	16.10	166.37	118.25
5	7	12	96.06	29.77	17.27	95.97
7	7	12	83.00	31.19	63.38	-66.43
9	7	12	34.15	43.19	31.65	-7.85
11	7	12	242.03	12.83	194.31	151.61
-32	8	12	98.05	75.77	-95.80	35.73
-30	8	12	57.70	72.82	51.51	-19.43
-28	8	12	266.41	35.99	-186.97	200.30
-26	8	12	32.44	37.17	24.50	29.44
-24	8	12	118.25	23.13	44.88	-121.67
-22	8	12	39.57	37.60	12.95	-44.30
-20	8	12	184.86	20.56	-49.47	183.29
-18	8	12	17.02	37.50	2.84	20.89
-16	8	12	156.68	20.79	-166.70	37.21
-14	8	12	127.95	19.77	-12.11	-136.30
-12	8	12	400.20	56.57	-304.46	289.61
-10	8	12	209.54	29.26	-144.30	-157.17
-8	8	12	553.27	79.52	-518.17	301.08
-6	8	12	225.20	14.58	200.77	125.52
-4	8	12	583.82	13.47	-498.32	378.40
-2	8	12	10.41	49.05	14.68	3.34
0	8	12	69.08	50.02	48.92	65.75
2	8	12	391.14	11.55	297.26	278.27
4	8	12	52.39	49.72	-11.67	45.52
6	8	12	206.72	15.22	115.89	188.46
8	8	12	82.71	35.92	74.65	2.16
10	8	12	93.27	27.11	64.08	67.97
12	8	12	89.52	27.01	-72.03	-81.69
-31	9	12	30.65	76.93	-39.29	-7.03
-29	9	12	26.27	72.13	-23.87	12.90
-27	9	12	20.34	37.97	12.20	-13.25
-25	9	12	60.08	32.54	60.41	1.38
-23	9	12	18.65	37.54	-22.73	-8.05
-21	9	12	84.10	24.47	-23.24	-79.81
-19	9	12	96.23	20.80	33.34	94.81
-17	9	12	69.36	28.59	69.15	6.97
-15	9	12	124.34	18.01	-20.57	-126.00
-13	9	12	39.33	37.18	30.92	35.02
-11	9	12	118.38	19.22	-68.83	-94.05
-9	9	12	6.78	34.80	8.91	-1.67
-7	9	12	74.54	20.54	-39.60	-63.86
-5	9	12	81.11	46.38	-75.97	-43.14
-3	9	12	81.58	49.06	-66.62	-38.38
-1	9	12	83.22	42.30	-0.94	-89.96
1	9	12	1.77	45.89	2.65	13.86
3	9	12	65.87	46.09	-11.24	-60.50
5	9	12	224.41	17.32	-198.75	-123.37
7	9	12	112.72	25.56	-99.75	-54.03

9	9	12	49.15	43.56	29.52	-31.22
11	9	12	59.33	38.26	-7.38	-49.02
-30	10	12	54.75	73.43	33.61	46.36
-28	10	12	84.72	73.18	-65.22	-60.45
-26	10	12	158.94	21.92	137.54	-91.71
-24	10	12	113.00	20.90	79.77	86.38
-22	10	12	206.27	28.88	-73.83	209.45
-20	10	12	35.70	38.65	-49.93	8.02
-18	10	12	224.13	31.09	163.63	-168.67
-16	10	12	248.72	34.37	151.14	210.20
-14	10	12	326.84	46.18	-93.53	332.07
-12	10	12	186.07	24.83	-186.91	-69.84
-10	10	12	153.14	21.09	148.61	-75.83
-8	10	12	97.38	19.46	77.85	65.23
-6	10	12	171.38	24.32	101.75	156.08
-4	10	12	356.83	48.72	-331.83	-181.28
-2	10	12	460.14	65.42	360.61	-325.97
0	10	12	386.08	12.93	268.54	312.71
2	10	12	213.48	23.93	-109.03	208.02
4	10	12	52.23	48.31	6.48	50.02
6	10	12	283.81	14.24	240.54	-174.25
8	10	12	61.64	45.41	29.85	60.40
10	10	12	111.34	27.59	85.14	59.21
12	10	12	213.14	12.32	-146.09	-169.34
14	10	12	315.16	10.08	-82.74	322.07
-29	11	12	7.28	68.46	-0.43	-5.83
-25	11	12	36.13	38.79	19.48	31.86
-23	11	12	26.69	39.25	13.45	-26.43
-21	11	12	56.14	37.60	-59.02	21.69
-19	11	12	60.52	32.81	-38.32	55.25
-17	11	12	54.53	36.86	36.41	44.63
-15	11	12	48.20	36.86	53.50	9.07
-13	11	12	37.52	36.67	-44.78	-11.24
-11	11	12	135.58	18.57	33.48	132.45
-9	11	12	60.86	32.28	26.68	55.29
-7	11	12	86.61	20.74	-81.98	44.32
-5	11	12	39.55	36.50	12.29	40.68
-3	11	12	137.81	19.14	-66.01	126.05
-1	11	12	220.37	31.33	190.83	110.65
1	11	12	32.50	35.44	22.59	20.46
3	11	12	70.02	44.73	-45.98	60.26
5	11	12	94.97	33.99	46.50	82.97
7	11	12	103.51	28.99	51.58	84.98
9	11	12	86.82	30.48	51.53	74.76
11	11	12	116.50	21.73	-45.09	114.75
-28	12	12	63.42	67.57	-7.53	-66.74
-26	12	12	7.49	67.94	-1.59	12.92
-24	12	12	93.35	23.25	3.56	99.41
-22	12	12	29.54	38.00	11.94	-32.26
-20	12	12	299.79	41.60	-214.06	225.40
-18	12	12	151.32	21.41	147.84	56.64
-16	12	12	385.73	54.60	-194.60	354.99
-14	12	12	183.82	25.96	171.69	93.95
-12	12	12	26.81	36.20	-1.23	28.01

-10	12	12	188.82	26.37	169.63	100.03
-8	12	12	386.19	54.17	-115.77	393.64
-6	12	12	122.28	17.12	68.09	107.64
-4	12	12	22.60	38.24	-20.47	15.13
-2	12	12	141.53	20.14	133.09	46.65
0	12	12	202.07	28.67	-136.47	157.32
2	12	12	168.63	23.75	-131.29	-109.31
4	12	12	222.92	31.48	-172.22	167.31
6	12	12	118.49	20.36	121.50	20.52
8	12	12	372.15	13.85	-220.12	325.05
10	12	12	26.13	44.54	20.14	-38.21
12	12	12	302.03	12.07	215.19	-233.38
14	12	12	303.31	9.18	262.09	172.88
-25	13	12	38.88	68.00	-25.85	30.83
-23	13	12	49.49	39.51	-45.66	-21.15
-21	13	12	31.30	40.01	19.37	-29.05
-19	13	12	71.40	27.29	-79.76	4.49
-17	13	12	52.29	36.35	-36.65	-37.68
-15	13	12	3.75	38.62	6.99	-0.79
-13	13	12	37.56	39.03	-10.46	-46.24
-11	13	12	28.66	39.29	-20.98	-19.15
-9	13	12	85.98	21.51	-74.67	-42.72
-7	13	12	80.11	25.03	-23.43	76.67
-5	13	12	62.06	36.32	-35.22	-61.20
-3	13	12	56.04	54.82	-38.11	-49.12
-1	13	12	63.41	25.86	2.50	-57.24
1	13	12	138.29	19.18	-135.63	-28.61
3	13	12	80.45	20.37	-79.98	-7.13
5	13	12	45.43	34.98	-19.25	-37.61
7	13	12	84.86	19.87	-89.64	6.36
9	13	12	141.60	21.26	-146.08	-6.89
11	13	12	95.61	28.31	-7.19	-102.60
-24	14	12	38.87	63.45	16.81	43.39
-22	14	12	92.73	23.55	-27.44	95.59
-20	14	12	155.16	21.29	115.86	115.78
-18	14	12	79.92	26.14	54.00	62.27
-16	14	12	19.22	36.89	-18.53	36.66
-14	14	12	312.46	10.32	115.04	-305.60
-12	14	12	239.07	11.19	196.98	146.04
-10	14	12	237.81	33.86	-46.20	249.68
-8	14	12	155.68	21.65	109.93	122.98
-6	14	12	134.48	18.86	-36.77	-128.49
-4	14	12	115.02	18.07	33.56	102.69
-2	14	12	110.32	19.80	55.17	100.14
0	14	12	122.76	19.26	-135.13	-7.40
2	14	12	52.08	31.63	-9.49	45.51
4	14	12	139.22	20.27	119.89	66.48
6	14	12	333.94	46.92	-95.49	334.89
8	14	12	163.98	22.06	-162.24	47.16
10	14	12	132.92	22.59	-16.44	145.02
12	14	12	221.06	12.86	168.85	147.82
14	14	12	130.59	20.45	-112.77	96.44
-23	15	12	40.88	59.11	-2.32	42.76
-21	15	12	70.68	29.83	-53.75	37.71

-19	15	12	51.76	37.53	-48.75	-23.50
-17	15	12	14.49	39.29	-21.30	0.98
-15	15	12	85.47	25.10	-67.01	55.06
-13	15	12	41.68	38.42	45.86	-22.13
-11	15	12	63.99	29.20	-64.89	-10.39
-9	15	12	26.76	37.04	-17.38	28.61
-7	15	12	28.59	37.77	-22.35	21.33
-5	15	12	47.02	35.22	3.07	41.63
-3	15	12	87.38	20.98	31.12	-91.89
-1	15	12	55.09	30.81	-45.90	42.94
1	15	12	35.66	34.87	26.73	0.79
3	15	12	64.94	27.79	40.24	-58.17
5	15	12	85.43	21.08	-34.89	79.69
9	15	12	59.54	47.09	-34.36	48.72
11	15	12	59.23	45.15	51.64	-21.20
-18	16	12	74.73	31.86	80.49	-19.33
-16	16	12	52.01	39.99	9.30	-53.86
-14	16	12	52.21	39.76	-41.79	-49.12
-12	16	12	143.74	20.50	-17.50	150.78
-10	16	12	114.29	17.70	-31.43	-120.45
-8	16	12	281.06	38.45	-106.89	270.05
-6	16	12	163.47	22.00	155.85	-63.92
-4	16	12	469.88	66.15	-88.23	477.36
-2	16	12	79.62	21.26	-9.14	-89.72
0	16	12	125.27	18.05	65.71	-106.28
2	16	12	95.84	17.39	95.68	-14.89
4	16	12	406.37	15.60	6.25	431.41
6	16	12	186.80	20.75	198.99	51.20
8	16	12	66.44	47.28	-59.22	38.48
10	16	12	59.82	44.90	25.59	-51.54
12	16	12	119.35	23.49	-33.47	118.93
-17	17	12	42.37	40.73	18.62	-43.23
-15	17	12	62.64	33.41	-46.77	-48.32
-13	17	12	5.14	37.30	-0.35	-3.27
-11	17	12	4.42	38.23	3.88	-6.59
-9	17	12	29.20	36.84	11.10	-35.06
-7	17	12	28.89	37.70	-31.61	-3.13
-5	17	12	46.76	35.18	-15.74	-38.52
-3	17	12	45.78	35.76	-34.39	23.99
-1	17	12	78.77	22.34	4.11	-85.03
1	17	12	36.43	34.05	16.83	-27.69
3	17	12	46.06	52.38	-51.01	-6.59
5	17	12	19.88	49.26	-13.97	12.46
7	17	12	43.72	47.86	-39.48	8.02
-16	18	12	138.19	38.68	-136.04	59.20
-14	18	12	49.59	38.23	25.84	44.78
-12	18	12	83.96	24.56	-83.10	-22.09
-10	18	12	53.06	37.06	-18.33	39.19
-8	18	12	127.46	19.75	133.11	21.75
-6	18	12	69.17	27.82	49.83	38.84
-4	18	12	45.34	35.94	-49.80	10.13
-2	18	12	38.71	35.29	1.02	-36.78
0	18	12	38.53	51.02	25.09	35.42
2	18	12	102.27	40.38	-10.93	114.23

-11	19	12	27.36	38.65	24.30	18.01
-9	19	12	32.75	38.35	-26.00	2.41
-7	19	12	32.46	35.71	16.14	26.02
-5	19	12	36.54	34.38	-10.05	-34.28
-3	19	12	81.31	20.73	18.68	85.31
-10	20	12	34.03	63.18	19.58	21.08
-6	20	12	152.55	14.39	158.22	-15.21
-32	0	13	96.93	55.49	-107.34	0.00
-30	0	13	26.70	57.41	-31.14	0.00
-28	0	13	353.72	69.20	-377.90	0.00
-26	0	13	66.58	54.89	74.21	0.00
-24	0	13	154.77	30.45	-157.19	0.00
-22	0	13	53.15	31.64	-58.27	0.00
-20	0	13	264.52	53.64	-286.02	0.00
-18	0	13	60.18	33.81	54.30	0.00
-16	0	13	192.61	39.38	-200.53	0.00
-12	0	13	295.26	57.92	-304.51	0.00
-10	0	13	21.72	38.36	-28.71	0.00
-8	0	13	16.31	43.21	-16.15	0.00
-6	0	13	32.54	37.78	-37.08	0.00
-4	0	13	604.07	118.03	-635.32	0.00
-2	0	13	51.46	30.75	-59.39	0.00
0	0	13	197.73	38.74	226.17	0.00
2	0	13	10.11	38.44	-2.97	0.00
4	0	13	211.24	42.19	227.72	0.00
6	0	13	2.58	37.35	1.44	0.00
8	0	13	338.22	66.46	367.09	0.00
-33	1	13	62.82	59.23	-37.04	-50.34
-31	1	13	15.56	49.91	2.83	16.97
-29	1	13	81.44	40.95	56.59	60.53
-27	1	13	106.90	29.52	-31.43	-104.32
-25	1	13	62.93	44.57	10.32	-62.47
-23	1	13	57.07	28.26	45.32	38.30
-21	1	13	95.69	14.83	88.25	-36.14
-19	1	13	25.31	33.31	-22.55	-17.75
-17	1	13	62.15	39.72	-41.03	-46.08
-15	1	13	132.26	23.11	17.23	-133.04
-13	1	13	70.50	32.91	67.53	-12.03
-11	1	13	111.82	15.38	32.92	-104.28
-9	1	13	91.52	20.64	-71.87	-49.54
-7	1	13	32.06	37.13	26.78	-22.96
-5	1	13	112.95	15.06	56.19	-91.84
-3	1	13	66.01	21.47	1.37	-65.82
-1	1	13	36.56	33.46	-32.81	9.74
1	1	13	32.64	32.76	13.92	29.67
3	1	13	82.28	19.33	45.13	-64.35
5	1	13	116.38	15.80	3.74	-115.56
7	1	13	145.76	13.89	13.92	152.27
9	1	13	56.46	34.92	-18.12	56.60
-34	2	13	35.79	58.23	37.32	4.00
-32	2	13	139.72	26.62	-54.85	-140.42
-30	2	13	169.60	23.79	179.31	-13.49
-28	2	13	65.43	47.64	34.54	-61.56
-26	2	13	149.47	22.21	149.82	-53.16

-24	2	13	313.93	43.70	-55.09	-330.64
-22	2	13	119.99	18.87	121.43	-4.56
-20	2	13	65.52	24.57	33.02	65.35
-18	2	13	204.02	21.69	150.81	-151.72
-16	2	13	237.76	32.89	25.22	247.42
-14	2	13	50.95	42.38	27.31	19.78
-12	2	13	380.53	49.02	127.19	373.15
-10	2	13	262.82	35.86	-273.25	-14.27
-8	2	13	222.77	31.67	-33.86	-232.40
-6	2	13	178.84	21.85	119.73	126.56
-4	2	13	258.73	35.96	-47.18	-270.23
-2	2	13	27.76	39.99	-20.45	32.20
0	2	13	38.35	36.52	38.43	1.54
2	2	13	651.07	89.22	-663.57	170.30
4	2	13	107.24	17.71	-10.66	-104.20
6	2	13	155.50	18.24	116.95	-100.58
8	2	13	204.83	10.42	-46.16	-200.46
10	2	13	91.69	24.24	-91.33	-49.06
-33	3	13	23.87	57.52	-16.98	-31.10
-31	3	13	48.76	48.80	-15.80	47.33
-29	3	13	23.93	48.98	0.71	21.91
-27	3	13	63.02	24.22	29.59	52.44
-25	3	13	72.07	20.95	-0.86	-79.93
-23	3	13	27.47	32.44	-26.41	3.42
-21	3	13	107.04	17.11	-64.63	85.73
-19	3	13	20.12	33.37	-4.28	-28.18
-17	3	13	94.06	29.24	77.98	-56.47
-15	3	13	197.94	24.75	-44.44	192.20
-13	3	13	16.51	38.83	-0.79	13.68
-11	3	13	5.65	34.41	9.05	-3.91
-9	3	13	40.07	41.08	40.79	-19.21
-7	3	13	89.48	16.15	-28.25	87.63
-5	3	13	81.40	15.86	-15.39	79.87
-3	3	13	69.95	18.58	-32.50	54.56
-1	3	13	104.28	15.66	17.06	102.13
1	3	13	60.25	23.70	39.02	41.38
3	3	13	69.86	19.30	-55.53	-48.87
5	3	13	56.35	41.19	-52.39	-2.36
7	3	13	57.91	41.90	-51.77	27.66
9	3	13	50.03	40.87	40.81	-37.63
11	3	13	109.81	19.91	-52.80	-95.91
-32	4	13	127.91	31.14	-136.44	22.22
-30	4	13	73.89	67.34	75.99	25.47
-28	4	13	86.23	47.81	-57.89	71.71
-26	4	13	147.05	19.94	-88.80	-126.17
-24	4	13	30.29	33.66	16.89	15.61
-22	4	13	100.95	18.17	5.01	-110.31
-20	4	13	76.25	21.91	-74.79	23.71
-18	4	13	158.75	20.31	-98.83	-127.11
-16	4	13	328.69	44.15	-322.81	125.74
-14	4	13	258.71	35.34	133.29	238.65
-12	4	13	210.12	27.96	215.10	-77.55
-10	4	13	166.29	22.87	-58.84	-161.27
-8	4	13	137.19	11.57	68.86	111.53

-6	4	13	56.26	27.26	47.17	33.61
-4	4	13	395.06	53.56	401.85	-111.59
-2	4	13	161.06	20.99	-27.30	-164.60
0	4	13	393.93	51.65	406.03	-22.83
2	4	13	26.60	29.89	-27.60	-1.56
4	4	13	73.30	41.09	-66.17	-75.67
6	4	13	482.16	9.80	-155.81	-471.06
8	4	13	190.69	12.51	-170.67	93.99
10	4	13	203.02	11.50	-77.83	-184.90
-33	5	13	88.97	47.99	92.30	19.18
-31	5	13	27.65	54.08	26.68	8.29
-29	5	13	18.01	33.97	3.32	27.16
-27	5	13	69.01	23.02	0.10	-72.47
-25	5	13	51.26	36.44	31.55	41.23
-23	5	13	10.71	37.76	9.90	0.29
-21	5	13	40.45	37.17	-38.68	-10.62
-19	5	13	6.37	37.40	0.03	-7.21
-17	5	13	92.71	21.73	97.82	-0.18
-15	5	13	68.69	25.54	-20.94	-63.18
-13	5	13	53.71	36.97	-49.85	6.02
-11	5	13	13.66	36.87	18.65	-2.77
-9	5	13	125.68	16.09	63.82	-109.91
-7	5	13	26.23	42.81	-28.26	13.04
-5	5	13	36.53	30.72	29.51	25.72
-3	5	13	42.75	29.57	-34.82	-26.28
-1	5	13	87.06	14.85	75.41	-41.67
1	5	13	45.36	45.29	40.27	-9.16
3	5	13	134.26	23.80	-10.67	140.75
5	5	13	66.26	37.52	70.06	-10.31
7	5	13	30.52	43.19	-20.26	-10.68
9	5	13	128.59	19.71	81.27	106.43
-32	6	13	136.65	28.46	76.35	127.83
-30	6	13	85.52	21.94	73.98	-51.61
-28	6	13	139.96	14.62	17.35	145.67
-26	6	13	174.78	22.63	154.31	-96.52
-24	6	13	255.11	31.54	178.47	194.16
-22	6	13	145.05	19.33	-124.40	85.88
-20	6	13	116.90	26.66	-118.94	-38.23
-18	6	13	361.08	47.42	343.34	-144.99
-16	6	13	46.50	38.44	43.68	-29.75
-14	6	13	399.25	52.17	362.18	-189.19
-12	6	13	39.99	56.19	-30.44	-18.22
-10	6	13	193.23	25.59	-166.78	112.54
-8	6	13	201.77	12.84	120.58	178.48
-6	6	13	114.18	21.62	-47.52	-100.94
-4	6	13	202.64	20.46	44.27	202.35
-2	6	13	58.32	48.41	-63.65	28.22
0	6	13	391.41	12.86	234.88	334.01
2	6	13	172.22	16.48	-177.94	9.38
4	6	13	57.73	47.63	52.76	44.19
6	6	13	545.64	11.04	-452.17	346.34
8	6	13	14.51	42.37	-21.06	17.20
10	6	13	164.67	17.98	164.12	-53.03
12	6	13	233.50	11.96	122.54	201.96

-31	7	13	46.38	74.97	5.60	-50.62
-29	7	13	76.53	25.42	1.08	-77.76
-27	7	13	120.35	16.36	-25.75	120.37
-25	7	13	20.20	39.01	-1.35	19.43
-23	7	13	46.19	36.92	7.44	-47.75
-21	7	13	81.58	26.13	-90.71	-24.96
-19	7	13	41.59	38.63	1.22	44.33
-17	7	13	85.95	27.59	-5.38	88.85
-15	7	13	34.56	37.21	20.32	21.65
-13	7	13	32.66	56.76	-19.93	-28.26
-11	7	13	75.55	56.70	-53.03	60.92
-9	7	13	118.16	16.22	-64.25	96.24
-7	7	13	33.46	41.42	-18.88	-24.78
-5	7	13	73.60	52.56	-75.97	-5.94
-3	7	13	99.56	37.82	93.14	35.76
-1	7	13	92.29	37.32	-95.14	-20.94
1	7	13	11.60	45.23	2.40	14.57
3	7	13	104.50	32.97	-89.80	-60.85
5	7	13	56.01	44.32	-51.21	34.40
7	7	13	65.61	44.82	-30.66	-55.07
9	7	13	111.17	29.01	-106.43	-45.80
11	7	13	98.69	27.22	-34.95	83.32
13	7	13	112.71	21.40	-52.56	-102.87
-28	8	13	144.63	20.47	-126.32	84.98
-26	8	13	159.79	20.74	141.89	78.02
-24	8	13	227.33	28.86	-135.60	181.51
-22	8	13	61.77	35.75	-56.96	23.20
-20	8	13	227.95	29.09	-150.17	177.28
-18	8	13	253.29	33.41	171.01	199.98
-16	8	13	97.73	31.12	118.14	21.85
-14	8	13	330.30	44.01	-275.26	-206.05
-12	8	13	264.83	33.96	256.94	-97.82
-10	8	13	122.02	16.69	81.91	97.46
-8	8	13	275.89	28.61	-269.44	60.65
-6	8	13	204.40	21.07	-185.22	-109.69
-4	8	13	153.47	27.75	-103.76	130.00
-2	8	13	131.89	29.90	79.07	124.32
0	8	13	365.91	15.26	287.00	-269.39
2	8	13	119.70	24.02	11.65	126.11
4	8	13	255.88	16.40	263.34	-66.28
6	8	13	557.05	10.55	330.90	479.66
8	8	13	163.70	24.51	-91.42	128.69
10	8	13	40.13	43.59	25.55	15.21
12	8	13	432.30	9.67	373.60	-233.31
-29	9	13	34.22	39.05	30.73	-14.28
-27	9	13	27.23	38.80	-10.99	-22.57
-25	9	13	54.68	37.93	-48.51	-24.43
-23	9	13	70.25	28.89	17.02	67.30
-21	9	13	91.00	24.13	60.06	-78.25
-19	9	13	31.63	37.32	3.37	37.28
-17	9	13	44.85	37.91	11.68	-38.40
-15	9	13	78.82	30.97	-72.59	-39.86
-13	9	13	20.44	38.43	19.50	-0.25
-11	9	13	29.51	37.30	26.95	1.04

-9	9	13	62.77	38.49	-51.75	36.33
-7	9	13	78.62	24.28	-68.99	-49.24
-3	9	13	16.95	53.68	-20.87	3.49
-1	9	13	56.47	50.50	-26.98	45.77
1	9	13	22.95	52.00	-4.18	-25.57
3	9	13	80.07	42.23	-41.94	-65.77
5	9	13	30.77	48.04	29.20	14.05
7	9	13	83.05	39.66	32.72	77.18
9	9	13	45.78	44.61	-28.04	37.21
11	9	13	16.53	44.57	18.54	-2.15
-28	10	13	100.54	22.07	-6.73	-104.92
-26	10	13	60.25	34.84	49.55	-45.77
-24	10	13	35.66	38.69	33.62	16.63
-22	10	13	105.52	20.90	-116.61	-4.38
-20	10	13	223.03	28.60	198.35	114.85
-18	10	13	68.04	31.63	-67.59	32.52
-16	10	13	72.09	34.36	-79.92	16.02
-14	10	13	126.90	17.20	-131.10	-20.02
-12	10	13	158.71	20.36	168.05	32.81
-10	10	13	352.36	45.59	-282.91	215.78
-8	10	13	44.42	36.29	30.89	30.49
-6	10	13	283.72	38.01	-208.53	199.66
-4	10	13	52.43	37.29	23.18	-56.59
-2	10	13	94.88	45.54	39.16	-91.63
0	10	13	125.10	31.39	-84.48	-99.37
2	10	13	603.91	15.28	-404.83	492.70
4	10	13	417.35	12.08	310.85	306.24
6	10	13	174.99	22.32	-128.36	-110.77
8	10	13	114.23	30.54	94.58	71.96
10	10	13	389.39	12.60	-285.88	303.05
12	10	13	116.67	23.30	85.93	-74.92
14	10	13	145.08	18.82	-57.61	-142.70
-27	11	13	46.10	38.27	10.46	-52.24
-25	11	13	8.75	39.64	-4.06	-10.43
-23	11	13	24.27	39.06	-20.54	-14.82
-21	11	13	34.46	64.17	-4.26	33.63
-19	11	13	80.98	27.51	-7.16	-88.24
-17	11	13	82.19	25.66	-25.61	-83.52
-15	11	13	75.10	27.68	65.38	41.20
-13	11	13	41.62	37.74	43.36	-1.25
-11	11	13	91.11	20.20	47.16	-81.34
-9	11	13	58.96	32.90	-56.73	-29.55
-7	11	13	4.86	37.57	-1.29	-3.88
-5	11	13	65.85	33.72	65.43	-27.43
-3	11	13	1.72	36.75	1.81	-1.53
-1	11	13	49.86	50.02	29.63	-58.16
1	11	13	72.73	50.95	-76.45	-26.70
3	11	13	37.16	49.06	35.24	-14.32
5	11	13	62.95	48.62	-40.06	-42.03
7	11	13	89.65	36.94	-96.43	1.34
9	11	13	122.21	26.74	44.69	-121.60
11	11	13	96.17	29.03	-96.12	-11.79
-26	12	13	180.18	23.43	-169.54	-64.91
-24	12	13	69.18	33.65	33.32	-69.69

-22	12	13	163.73	21.47	144.71	77.86
-20	12	13	105.51	19.37	-50.57	98.72
-18	12	13	118.50	18.88	-121.52	-11.84
-16	12	13	207.91	27.36	-109.87	185.42
-14	12	13	64.86	31.00	48.25	-51.41
-12	12	13	203.76	13.86	-85.44	195.47
-10	12	13	72.20	28.75	-24.76	64.04
-8	12	13	145.07	17.58	128.52	-65.14
-6	12	13	462.09	61.57	407.32	248.92
-4	12	13	135.58	26.30	30.07	152.52
-2	12	13	366.90	48.64	-343.93	-157.32
0	12	13	374.50	50.82	256.75	-283.81
2	12	13	126.22	17.41	-113.40	-62.65
4	12	13	60.72	50.33	-69.98	-13.09
6	12	13	81.00	43.03	-80.62	-30.21
8	12	13	105.32	35.30	26.63	-115.82
10	12	13	74.47	39.74	-57.13	-32.86
12	12	13	25.65	45.00	28.51	-2.98
-25	13	13	36.70	39.64	33.69	4.85
-23	13	13	39.11	39.30	32.95	-26.62
-21	13	13	19.01	39.13	-17.46	0.25
-19	13	13	70.23	29.21	-61.08	-44.05
-17	13	13	39.68	38.87	35.81	13.74
-15	13	13	44.70	36.92	-9.26	-41.99
-13	13	13	56.43	39.91	-48.90	-3.92
-11	13	13	37.81	37.95	23.50	31.74
-9	13	13	71.93	29.54	-22.11	-74.52
-7	13	13	51.16	38.79	50.23	9.24
-5	13	13	24.86	55.16	-16.40	12.30
-3	13	13	43.22	38.22	-39.29	-18.08
-1	13	13	35.95	36.18	22.55	33.47
1	13	13	105.62	16.35	107.97	12.03
3	13	13	61.99	51.92	-3.91	61.60
5	13	13	35.23	50.99	-39.90	5.32
7	13	13	35.24	49.21	45.25	-10.75
9	13	13	74.45	42.70	67.70	40.25
11	13	13	89.68	33.77	80.77	36.81
-22	14	13	46.09	39.30	43.25	-31.09
-20	14	13	34.94	39.30	-36.85	-12.05
-18	14	13	129.12	19.49	29.36	-134.99
-16	14	13	136.91	16.85	-56.18	-133.30
-14	14	13	70.26	32.95	78.96	7.00
-12	14	13	54.70	37.34	14.26	-50.70
-10	14	13	172.28	22.93	-85.05	157.97
-8	14	13	281.78	36.33	281.76	63.73
-6	14	13	84.76	25.72	24.40	-83.13
-4	14	13	90.99	24.14	-81.36	-47.79
-2	14	13	322.77	43.17	-117.72	317.35
0	14	13	107.90	26.46	40.92	-117.04
2	14	13	138.56	18.63	-88.42	107.02
4	14	13	239.63	32.19	-187.83	-155.24
6	14	13	155.74	19.76	27.82	158.24
8	14	13	63.87	48.74	22.99	-50.70
10	14	13	85.02	39.29	-18.15	-86.87

12	14	13	142.51	23.57	-121.10	-85.96
14	14	13	492.79	10.40	-114.10	504.59
-21	15	13	42.34	38.50	-41.44	25.09
-19	15	13	55.54	40.20	-7.46	61.57
-17	15	13	44.38	39.83	47.47	-0.98
-15	15	13	30.38	40.27	21.65	17.51
-13	15	13	32.97	37.98	23.23	-25.64
-11	15	13	28.19	37.47	-6.91	31.91
-9	15	13	65.57	29.11	42.48	52.28
-7	15	13	14.73	37.59	-8.44	-13.75
-5	15	13	22.69	38.38	-4.37	21.08
-3	15	13	51.10	36.08	45.86	-20.67
-1	15	13	74.62	26.72	59.04	45.36
1	15	13	89.22	19.74	77.36	-50.78
3	15	13	80.17	22.57	-73.78	38.62
5	15	13	28.87	34.88	6.15	28.68
7	15	13	34.22	51.18	24.50	-19.22
9	15	13	23.65	50.22	14.59	16.59
-18	16	13	147.72	16.51	145.63	48.27
-16	16	13	156.09	23.51	66.88	153.63
-14	16	13	134.41	19.13	-119.74	56.00
-12	16	13	217.45	28.86	51.83	-219.56
-10	16	13	56.49	38.49	42.81	34.43
-8	16	13	65.82	31.28	2.52	-60.62
-6	16	13	101.89	18.79	-89.51	48.71
-4	16	13	96.25	24.01	-25.05	-109.79
-2	16	13	16.13	36.89	19.26	4.71
0	16	13	178.31	22.24	11.82	176.92
2	16	13	79.84	22.23	9.80	81.23
4	16	13	203.35	25.58	53.17	-211.52
6	16	13	252.70	18.41	233.47	115.62
8	16	13	118.25	31.36	59.30	100.10
10	16	13	63.73	47.91	-51.39	44.31
12	16	13	116.34	28.24	30.05	-118.94
-17	17	13	48.29	37.81	-37.84	22.18
-15	17	13	28.66	39.00	-24.79	15.45
-13	17	13	44.27	38.87	37.26	24.62
-11	17	13	34.20	37.20	-26.52	-21.45
-9	17	13	29.56	37.82	-15.66	22.25
-7	17	13	106.04	18.69	-98.13	51.59
-5	17	13	3.81	37.24	3.01	2.52
-3	17	13	4.32	37.14	0.69	11.03
-1	17	13	33.20	35.00	-27.88	-8.36
1	17	13	47.22	34.57	-26.69	38.51
3	17	13	16.22	53.58	-9.40	-11.63
5	17	13	11.46	52.74	-12.19	-12.16
7	17	13	53.28	51.81	13.68	47.93
9	17	13	29.34	49.44	-29.47	3.01
-14	18	13	103.22	23.52	-62.57	84.77
-12	18	13	41.00	38.81	44.45	-18.96
-10	18	13	30.05	38.43	0.52	-31.82
-8	18	13	161.37	20.99	-163.79	-18.96
-6	18	13	28.02	36.22	8.22	-26.91
-4	18	13	47.37	34.64	-7.07	-49.99

-2	18	13	29.37	35.32	27.04	18.50
0	18	13	71.45	56.53	78.89	-7.51
2	18	13	301.99	19.91	25.29	316.85
4	18	13	215.80	20.88	223.76	12.54
-11	19	13	43.12	39.07	28.84	-33.88
-9	19	13	68.32	28.69	-57.27	41.21
-7	19	13	39.79	37.16	10.16	39.51
-5	19	13	24.05	36.84	21.64	-2.16
-3	19	13	11.18	35.53	-7.08	-11.24
-8	20	13	66.02	30.71	-65.12	-51.29
-6	20	13	77.96	24.13	79.13	13.71
-32	0	14	94.95	66.11	95.37	0.00
-30	0	14	11.60	63.05	-5.59	0.00
-28	0	14	459.42	70.57	475.75	0.00
-26	0	14	57.59	58.64	50.86	0.00
-24	0	14	376.37	58.52	389.94	0.00
-22	0	14	39.37	56.01	-27.99	0.00
-20	0	14	111.25	56.97	112.53	0.00
-18	0	14	86.06	49.59	66.54	0.00
-16	0	14	767.59	118.58	785.46	0.00
-14	0	14	32.00	45.95	-38.63	0.00
-12	0	14	690.97	106.13	709.62	0.00
-10	0	14	94.88	27.88	75.48	0.00
-8	0	14	6.48	42.59	6.25	0.00
-6	0	14	81.59	26.61	-78.21	0.00
-4	0	14	100.78	59.37	101.81	0.00
-2	0	14	52.22	37.62	25.69	0.00
0	0	14	1562.90	240.77	1594.81	0.00
2	0	14	67.77	36.95	-82.50	0.00
4	0	14	154.55	24.51	-158.96	0.00
8	0	14	988.56	152.48	990.04	0.00
-33	1	14	27.74	56.15	30.38	12.91
-31	1	14	67.10	54.08	-50.18	-44.44
-29	1	14	58.12	52.40	-61.17	-14.35
-27	1	14	16.10	51.00	-7.62	-8.48
-25	1	14	43.86	49.73	23.09	-40.68
-23	1	14	35.59	35.47	-33.22	-13.95
-21	1	14	39.90	34.68	-27.03	-27.41
-19	1	14	41.39	35.36	23.45	-29.19
-17	1	14	98.57	20.13	103.14	-1.89
-15	1	14	124.83	27.76	-11.19	-122.81
-13	1	14	101.45	17.82	-94.46	28.05
-11	1	14	73.80	24.59	48.65	58.26
-9	1	14	11.74	36.72	-9.56	1.00
-7	1	14	71.24	22.62	-53.84	-41.37
-5	1	14	111.97	15.62	-36.07	105.37
-3	1	14	107.04	17.98	70.98	80.09
-1	1	14	67.87	29.82	-48.01	41.46
1	1	14	44.62	36.73	-21.14	30.73
3	1	14	134.07	14.46	31.64	133.15
5	1	14	85.72	19.23	-17.52	78.71
9	1	14	105.72	26.38	-43.59	98.29
-32	2	14	36.51	54.55	18.86	32.35
-30	2	14	228.85	24.36	225.47	-69.52

-28	2	14	136.19	29.14	14.15	-137.46
-26	2	14	81.67	54.48	70.75	48.27
-24	2	14	173.70	22.06	24.35	-175.35
-22	2	14	164.35	18.95	-166.34	-21.51
-20	2	14	28.88	34.29	12.27	27.88
-18	2	14	135.63	22.93	139.94	35.67
-16	2	14	33.32	37.94	28.61	28.51
-14	2	14	49.53	39.89	18.51	-59.08
-12	2	14	339.22	36.63	97.99	330.43
-10	2	14	452.48	46.85	-439.12	49.76
-8	2	14	347.85	38.20	64.12	337.80
-6	2	14	102.20	16.42	103.33	-39.31
-4	2	14	39.83	29.35	22.48	-39.14
-2	2	14	110.29	18.29	116.33	19.92
0	2	14	220.88	23.75	-24.91	-223.36
2	2	14	220.46	21.53	220.13	32.18
4	2	14	63.12	26.82	23.29	68.17
6	2	14	151.14	18.76	152.79	52.23
8	2	14	228.97	13.34	26.58	221.54
10	2	14	289.36	10.98	280.85	-65.18
-33	3	14	38.90	60.90	-16.22	42.90
-31	3	14	46.02	53.71	39.81	19.14
-29	3	14	51.83	52.37	52.16	-8.20
-27	3	14	89.65	41.37	52.11	74.03
-25	3	14	164.78	18.79	-103.56	126.68
-23	3	14	82.28	21.30	54.40	-60.48
-21	3	14	39.04	37.47	33.16	12.91
-19	3	14	48.82	35.74	-16.54	49.87
-17	3	14	51.71	37.20	-49.82	-11.03
-15	3	14	46.10	39.18	42.78	-1.63
-13	3	14	35.27	43.43	8.18	30.49
-11	3	14	33.42	34.94	21.76	-25.35
-9	3	14	36.42	37.86	-38.69	-14.23
-7	3	14	76.81	26.00	30.87	-66.93
-5	3	14	47.34	25.54	31.41	-31.05
-3	3	14	18.63	31.46	-6.10	-16.61
-1	3	14	80.93	19.89	-1.86	-86.16
1	3	14	63.04	26.48	7.48	-64.51
3	3	14	42.85	32.91	-35.13	20.72
5	3	14	77.64	35.44	11.82	-79.85
7	3	14	48.22	43.04	-5.67	-43.06
9	3	14	67.02	39.02	47.27	-42.50
-32	4	14	72.35	53.85	-69.63	24.30
-30	4	14	74.00	52.49	-0.48	-71.64
-28	4	14	58.10	53.32	60.13	-14.06
-26	4	14	16.32	35.39	-13.92	9.63
-24	4	14	283.91	30.54	252.75	-145.57
-22	4	14	123.48	18.26	19.36	125.90
-20	4	14	89.67	48.63	83.80	-4.23
-18	4	14	77.67	27.24	-29.27	69.42
-16	4	14	328.95	33.55	271.24	-203.14
-14	4	14	112.21	37.13	-0.49	-112.65
-12	4	14	792.65	85.31	753.48	-299.32
-10	4	14	302.34	18.34	49.58	300.19

-8	4	14	105.33	22.80	-25.81	-101.46
-6	4	14	508.16	55.18	196.01	469.67
-4	4	14	893.44	96.60	864.35	-270.31
-2	4	14	67.87	27.32	-53.72	-48.57
0	4	14	203.74	21.26	185.49	-102.87
2	4	14	138.32	26.08	104.42	79.51
4	4	14	41.73	46.08	-21.89	-38.10
6	4	14	138.08	24.74	-9.30	130.51
8	4	14	576.86	9.85	-562.54	162.20
10	4	14	87.30	34.37	51.15	74.41
-31	5	14	53.37	53.67	-29.36	-44.72
-29	5	14	73.01	25.00	75.11	-23.32
-27	5	14	60.26	31.26	-31.18	-48.05
-25	5	14	72.94	25.71	-73.51	-26.53
-23	5	14	23.92	36.13	29.04	3.48
-21	5	14	49.10	36.84	3.32	-50.73
-19	5	14	128.49	14.59	-94.07	-84.45
-17	5	14	114.37	24.20	-107.26	43.92
-15	5	14	35.10	42.44	18.59	-27.91
-13	5	14	53.50	32.69	-12.47	-52.05
-11	5	14	68.13	42.04	-50.53	29.04
-9	5	14	37.42	45.67	-12.10	-41.61
-7	5	14	66.50	41.74	12.68	69.63
-5	5	14	58.71	46.06	39.62	-37.82
-3	5	14	77.29	24.98	-53.76	-48.36
-1	5	14	73.34	19.92	-1.93	74.41
1	5	14	57.79	48.37	44.81	40.13
3	5	14	30.04	49.87	-17.53	28.27
5	5	14	90.02	32.61	-66.70	-42.57
7	5	14	55.55	46.72	25.88	49.09
9	5	14	103.76	28.04	38.00	102.26
-32	6	14	71.29	58.26	-33.50	-65.44
-30	6	14	60.83	44.08	60.80	-10.30
-28	6	14	73.09	31.40	37.23	-76.09
-26	6	14	175.44	23.26	-177.63	35.72
-24	6	14	175.63	17.23	44.45	163.46
-22	6	14	199.47	20.03	-164.02	112.38
-20	6	14	84.28	21.64	45.38	69.39
-18	6	14	162.04	17.33	132.14	-102.23
-16	6	14	349.57	38.08	-116.83	-335.53
-14	6	14	204.92	21.26	-132.71	157.74
-12	6	14	287.64	30.43	-87.14	-277.04
-10	6	14	132.82	25.55	105.07	-93.48
-8	6	14	62.10	45.57	5.96	-75.56
-6	6	14	110.34	24.01	127.73	18.54
-4	6	14	10.49	50.23	-18.03	0.48
-2	6	14	59.27	51.28	5.06	-60.72
0	6	14	218.03	18.29	-43.86	-217.93
2	6	14	451.81	14.87	-401.18	204.25
4	6	14	61.55	49.06	62.32	-8.63
6	6	14	435.54	19.90	329.72	-293.31
8	6	14	245.65	15.20	-92.88	-226.37
10	6	14	40.34	45.78	-11.06	50.15
12	6	14	55.58	42.97	-34.11	-47.51

-31	7	14	55.91	34.22	-16.78	53.13
-29	7	14	46.75	37.24	33.53	37.94
-27	7	14	44.04	38.65	37.63	17.00
-25	7	14	69.08	34.96	61.33	16.95
-23	7	14	33.31	38.91	35.53	-4.70
-21	7	14	91.83	24.61	26.34	90.38
-19	7	14	31.31	40.91	10.21	23.66
-17	7	14	104.26	20.88	102.93	-10.59
-15	7	14	74.15	30.78	45.03	60.04
-13	7	14	127.33	22.03	14.78	119.44
-11	7	14	65.14	46.08	35.05	-54.70
-9	7	14	53.72	45.90	36.97	41.03
-7	7	14	27.86	43.66	-10.46	-34.50
-5	7	14	36.67	52.89	28.91	2.03
-3	7	14	48.42	52.33	48.53	5.61
-1	7	14	47.93	53.43	7.29	37.12
1	7	14	63.57	49.81	33.40	-55.99
3	7	14	110.48	33.19	-60.42	-99.13
5	7	14	73.18	47.60	63.88	39.74
7	7	14	43.88	49.03	5.07	-44.13
9	7	14	81.72	41.92	-33.07	-78.82
11	7	14	105.75	27.22	93.46	-48.29
13	7	14	30.21	44.49	10.69	27.77
-30	8	14	57.99	39.15	65.46	4.21
-28	8	14	95.71	24.80	24.90	-95.28
-26	8	14	45.51	39.42	-39.32	-27.68
-24	8	14	323.88	33.70	237.44	-222.30
-22	8	14	97.55	23.95	77.10	67.60
-20	8	14	78.82	29.02	-35.40	-60.15
-18	8	14	42.26	41.10	33.77	-5.58
-16	8	14	344.58	36.50	302.98	-176.40
-14	8	14	88.51	26.59	-18.20	-86.16
-12	8	14	282.50	29.49	149.44	-248.55
-10	8	14	60.25	55.39	-15.81	-57.21
-8	8	14	346.82	36.49	267.98	-210.18
-6	8	14	238.09	20.10	-144.47	-192.71
-4	8	14	144.63	31.26	-120.15	-99.45
-2	8	14	141.69	29.86	-34.86	-136.71
0	8	14	636.08	18.93	440.70	-496.41
2	8	14	31.14	52.57	-28.51	-12.72
4	8	14	217.61	23.08	-209.18	81.36
6	8	14	406.90	13.67	296.80	292.15
8	8	14	598.89	11.39	448.24	-406.46
10	8	14	43.68	49.43	-39.88	-18.20
12	8	14	66.66	49.31	-55.88	36.06
-29	9	14	55.04	40.29	-50.39	36.05
-27	9	14	56.07	39.88	-7.34	-58.50
-25	9	14	43.03	38.99	14.74	-48.71
-23	9	14	9.41	40.37	-7.08	6.73
-21	9	14	88.94	24.66	-30.97	-81.26
-19	9	14	35.79	40.93	4.96	33.17
-17	9	14	57.82	41.08	47.40	-39.65
-15	9	14	45.25	41.49	8.06	-44.42
-13	9	14	16.20	40.13	6.63	18.43

-11	9	14	24.88	38.26	19.09	-12.35
-9	9	14	61.96	46.15	61.03	-16.50
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-3	9	14	128.67	35.55	123.56	36.90
-1	9	14	46.03	54.17	54.97	-0.14
1	9	14	7.30	49.67	6.02	5.29
3	9	14	58.06	51.73	44.13	41.69
5	9	14	42.07	52.00	-4.40	49.19
7	9	14	51.89	51.01	52.64	-12.79
9	9	14	39.79	49.83	5.26	-41.41
-28	10	14	56.43	41.20	-52.55	-29.24
-26	10	14	133.90	17.61	111.53	-78.16
-24	10	14	73.96	31.62	-13.91	-82.15
-22	10	14	167.65	17.73	135.08	-99.79
-20	10	14	137.17	19.25	-112.28	-86.38
-18	10	14	92.56	25.19	89.23	8.42
-16	10	14	108.91	21.53	93.06	66.04
-14	10	14	127.55	20.08	-100.56	81.59
-12	10	14	53.51	37.39	-15.66	55.84
-10	10	14	348.08	37.43	-181.02	304.08
-8	10	14	45.86	39.44	-29.01	9.45
-6	10	14	399.44	42.64	242.32	-315.25
-4	10	14	457.15	48.93	-337.29	-313.89
-2	10	14	152.58	33.84	73.61	154.70
0	10	14	109.62	37.09	66.03	89.99
2	10	14	356.81	18.13	194.77	-313.29
4	10	14	136.36	36.16	-116.64	-50.21
6	10	14	327.60	14.87	304.03	-110.22
8	10	14	46.26	50.26	-21.84	36.04
10	10	14	345.33	14.48	229.94	-253.81
12	10	14	112.10	30.85	-97.76	-65.87
14	10	14	108.47	29.53	115.24	-19.98
-27	11	14	57.19	41.05	30.26	48.59
-25	11	14	108.11	22.48	11.62	107.33
-23	11	14	31.74	39.70	-12.49	-32.02
-21	11	14	44.51	41.57	-6.41	41.12
-19	11	14	42.59	40.05	-12.67	38.70
-17	11	14	101.85	22.22	78.84	60.55
-15	11	14	70.70	33.00	55.92	37.77
-13	11	14	17.69	37.99	-15.04	6.44
-11	11	14	29.43	40.51	24.77	5.65
-9	11	14	69.59	60.45	-56.71	58.62
-5	11	14	14.24	40.88	13.64	-4.40
-3	11	14	50.09	40.11	-47.99	8.69
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1	11	14	77.01	53.32	-27.90	72.90
3	11	14	11.12	52.72	6.65	2.44
5	11	14	79.13	46.95	-74.08	18.45
7	11	14	39.23	50.31	13.90	37.80
9	11	14	34.87	49.57	17.30	30.06
11	11	14	89.03	37.39	-8.52	83.45
13	11	14	42.32	47.61	7.95	-37.49
-24	12	14	166.19	17.36	75.04	-148.50
-22	12	14	95.32	25.84	-89.83	-0.20

-20	12	14	174.26	18.65	84.98	-153.66
-18	12	14	52.95	41.00	14.97	-55.64
-16	12	14	147.94	17.03	-69.30	-121.20
-14	12	14	28.20	40.45	4.92	26.45
-12	12	14	478.43	50.08	180.12	-454.55
-10	12	14	72.54	31.53	72.03	26.27
-8	12	14	222.53	23.71	-185.76	130.44
-6	12	14	180.17	18.81	149.18	111.87
-4	12	14	368.86	39.77	221.01	-298.37
-2	12	14	58.74	55.89	44.28	30.11
0	12	14	189.08	18.89	38.82	-182.84
2	12	14	212.79	22.51	196.34	83.82
4	12	14	49.29	38.62	-28.34	-61.04
6	12	14	213.20	21.01	-176.30	-123.25
8	12	14	138.31	29.59	-125.75	80.97
10	12	14	104.87	34.13	-42.19	-90.25
12	12	14	392.20	14.37	173.23	-363.57
-23	13	14	56.67	40.80	-47.02	23.79
-21	13	14	48.30	40.31	41.96	-29.46
-19	13	14	64.36	35.07	-61.92	-14.43
-17	13	14	15.05	39.78	-9.60	16.18
-15	13	14	47.02	41.58	-8.42	-42.51
-13	13	14	31.12	39.67	7.00	-33.63
-11	13	14	20.97	40.70	-14.44	-12.03
-9	13	14	51.11	41.22	-39.48	-25.63
-7	13	14	72.84	36.43	20.63	74.95
-5	13	14	87.73	25.70	8.10	-86.55
-3	13	14	33.09	56.06	25.61	-34.10
-1	13	14	25.63	38.87	24.56	-5.47
1	13	14	32.01	53.66	31.48	-3.38
3	13	14	12.16	39.62	11.50	9.36
5	13	14	37.00	38.41	-27.35	-29.89
7	13	14	70.61	53.85	2.16	71.92
9	13	14	104.97	37.97	80.38	80.61
13	13	14	43.77	49.54	-44.17	-6.93
-22	14	14	196.93	23.44	-109.23	168.96
-20	14	14	52.49	37.89	29.99	38.80
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-16	14	14	181.12	15.33	-192.17	-23.63
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-10	14	14	111.94	20.96	-15.68	-117.06
-8	14	14	105.50	27.46	-110.42	30.98
-6	14	14	123.39	19.60	36.39	112.30
-4	14	14	180.71	21.85	147.26	110.46
-2	14	14	80.91	25.90	-48.26	-66.57
0	14	14	91.79	23.68	-99.96	47.25
2	14	14	94.79	22.19	-11.00	96.04
4	14	14	80.71	26.39	67.53	42.73
6	14	14	176.13	19.46	-45.21	-179.49
8	14	14	383.68	13.55	-384.38	-110.64
10	14	14	43.15	49.34	49.41	2.65
12	14	14	53.27	48.12	3.69	64.76
-19	15	14	38.91	42.25	32.97	-4.37

-17	15	14	47.53	40.68	-10.13	-51.62
-15	15	14	24.14	40.54	-20.26	12.30
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-9	15	14	22.26	41.05	-21.25	-8.63
-7	15	14	66.94	34.20	-68.10	-0.51
-5	15	14	53.72	38.70	44.96	17.54
-3	15	14	51.29	38.81	6.91	-55.86
-1	15	14	70.60	29.12	-73.13	15.13
1	15	14	61.52	32.32	-44.08	-48.28
3	15	14	34.65	37.09	-39.37	12.60
5	15	14	23.21	54.28	12.82	16.61
7	15	14	46.56	52.73	-39.48	-22.32
9	15	14	53.64	52.75	-45.17	-36.87
11	15	14	32.44	49.92	16.97	-30.89
-18	16	14	17.77	61.27	2.18	14.68
-16	16	14	241.84	29.02	30.80	-244.18
-14	16	14	124.67	19.27	-85.90	-89.58
-12	16	14	180.20	19.70	11.87	-177.98
-10	16	14	19.57	41.31	13.09	-16.06
-8	16	14	91.43	25.81	-19.69	-100.60
-6	16	14	119.70	17.41	-50.15	-105.87
-4	16	14	97.53	22.11	-91.94	19.54
-2	16	14	176.76	20.30	-143.90	-97.59
0	16	14	340.64	41.21	6.94	-351.89
2	16	14	55.30	37.08	-40.45	-32.54
4	16	14	190.42	26.96	-112.71	164.30
6	16	14	190.61	25.24	201.82	26.24
8	16	14	109.36	35.20	-21.35	108.60
10	16	14	53.00	49.71	-39.57	-43.97
-15	17	14	71.87	32.22	39.92	-64.28
-13	17	14	35.56	42.16	-28.02	2.93
-11	17	14	48.30	39.43	47.11	11.15
-9	17	14	46.64	40.55	39.24	-27.67
-7	17	14	15.20	39.71	-3.19	-17.43
-5	17	14	59.50	34.70	63.54	5.81
-3	17	14	34.10	37.42	37.61	-2.57
-1	17	14	80.30	23.59	34.76	-69.72
1	17	14	29.29	36.64	25.02	-14.77
3	17	14	16.99	55.55	16.94	-3.96
5	17	14	64.09	54.99	57.82	38.32
7	17	14	69.14	52.37	14.51	-71.94
9	17	14	50.79	49.20	-0.67	-53.10
-12	18	14	151.77	19.58	-147.31	57.05
-10	18	14	112.79	20.97	-36.20	112.05
-8	18	14	81.26	26.20	84.16	-11.37
-6	18	14	102.49	20.59	-54.90	-96.54
-4	18	14	321.76	38.33	-325.40	8.62
-2	18	14	67.52	30.89	24.00	-64.31
0	18	14	16.83	57.76	-17.40	-4.28
2	18	14	139.60	33.95	-78.37	-122.83
4	18	14	117.72	39.70	-92.88	66.21
-7	19	14	51.46	38.35	45.62	-30.72
-5	19	14	60.10	32.82	-51.79	-26.73

-3	19	14	29.63	56.95	20.31	17.83	
-1	19	14	49.51	59.15	27.82	-40.93	
-32	0	15	45.49	68.36	-48.97	0.00	
-30	0	15	71.86	66.67	71.27	0.00	
-28	0	15	55.21	66.69	58.00	0.00	
-26	0	15	83.94	64.93	-79.11	0.00	
-24	0	15	125.54	45.01	-128.25	0.00	
-20	0	15	207.71	31.93	208.58	0.00	
-18	0	15	2.35	38.97	-1.27	0.00	
-16	0	15	70.58	39.70	-61.98	0.00	
-14	0	15	81.61	34.82	86.50	0.00	
-12	0	15	29.41	46.01	29.15	0.00	
-10	0	15	40.46	45.14	-49.98	0.00	
-8	0	15	823.10	127.31	-827.29	0.00	
-6	0	15	24.77	39.59	24.28	0.00	
-4	0	15	77.82	35.30	-71.72	0.00	
-2	0	15	54.67	46.16	-41.96	0.00	
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2	0	15	6.49	43.05	25.90	0.00	
4	0	15	5.77	41.82	4.30	0.00	
6	0	15	81.19	27.98	-88.95	0.00	
-31	1	15	7.23	57.00	1.78	5.41	
-29	1	15	9.35	68.49	-1.29	12.59	
-27	1	15	46.17	53.87	-33.92	-29.93	
-25	1	15	34.87	52.01	-29.08	-16.32	
-23	1	15	121.72	16.57	3.10	112.11	
-21	1	15	66.35	27.75	61.00	18.45	
-19	1	15	52.67	48.84	-52.77	5.06	
-17	1	15	19.97	40.61	2.61	17.90	
-15	1	15	68.04	28.91	40.48	50.68	
-13	1	15	75.09	26.36	58.60	37.93	
-11	1	15	6.20	38.14	0.08	10.97	
-9	1	15	55.08	39.18	36.67	27.62	
-7	1	15	58.54	29.38	39.19	36.72	
-5	1	15	57.24	31.00	5.06	59.55	
-3	1	15	4.41	33.07	6.88	1.63	
-1	1	15	34.38	37.65	2.62	-37.28	
1	1	15	29.48	36.11	4.66	24.91	
3	1	15	18.40	35.73	7.87	16.19	
5	1	15	40.88	35.15	7.47	-40.32	
7	1	15	80.51	30.91	55.55	-57.59	
-32	2	15	44.51	63.76	7.35	43.51	
-30	2	15	43.70	54.99	-44.64	8.07	
-28	2	15	46.34	53.88	-7.38	43.95	
-26	2	15	116.06	33.31	-116.56	32.61	
-24	2	15	236.86	24.68	-48.19	-227.61	
-22	2	15	38.88	36.76	-30.90	-30.55	
-20	2	15	224.30	24.07	-61.83	-218.20	
-18	2	15	273.37	29.33	272.69	-13.52	
-16	2	15	81.65	27.87	17.11	-70.47	
-14	2	15	182.48	19.66	-184.34	-50.90	
-12	2	15	373.67	40.65	37.94	372.72	
-10	2	15	101.30	26.51	-17.68	93.43	
-8	2	15	118.64	19.79	-29.83	-113.52	

-6	2	15	374.35	40.67	350.49	-111.58
-4	2	15	147.97	17.36	-27.60	135.41
-2	2	15	113.13	18.23	110.97	19.95
0	2	15	213.35	20.93	11.62	-213.91
2	2	15	137.46	14.47	-141.73	-33.90
4	2	15	113.06	16.79	-8.73	113.84
6	2	15	406.27	11.07	387.17	-87.10
8	2	15	407.16	11.53	-116.46	-370.05
-31	3	15	68.75	55.57	-22.79	66.77
-29	3	15	25.91	60.25	-14.70	18.58
-27	3	15	34.19	57.86	21.05	25.17
-25	3	15	33.11	37.29	18.73	-19.71
-23	3	15	34.97	37.49	-9.80	-34.81
-21	3	15	73.60	44.72	-59.75	-22.45
-19	3	15	17.53	46.82	-16.55	-8.98
-17	3	15	44.18	47.43	12.03	-43.94
-15	3	15	64.03	44.99	-56.01	27.24
-13	3	15	81.15	30.49	-45.51	-61.29
-11	3	15	108.56	24.68	-35.79	-95.77
-9	3	15	114.56	21.40	6.51	-109.59
-7	3	15	80.36	34.27	-78.66	-6.66
-5	3	15	33.45	35.06	19.80	-15.48
-3	3	15	19.01	36.58	-11.36	-3.15
-1	3	15	38.00	35.32	4.33	-38.79
1	3	15	52.58	34.03	-46.43	-18.58
3	3	15	44.91	34.57	31.03	-19.80
5	3	15	32.18	45.69	-13.36	28.69
7	3	15	29.40	43.69	19.00	17.54
9	3	15	65.44	47.18	28.77	-62.26
-32	4	15	77.07	61.66	80.09	-11.74
-30	4	15	20.03	54.98	0.80	18.41
-28	4	15	98.30	42.40	77.20	-62.22
-26	4	15	57.58	33.47	34.11	-47.66
-24	4	15	116.51	25.65	100.70	42.84
-22	4	15	175.21	17.65	-98.29	-138.83
-20	4	15	246.32	26.89	-240.60	62.18
-18	4	15	87.20	39.26	30.29	-75.24
-16	4	15	216.21	23.23	210.14	-49.00
-14	4	15	54.10	38.30	-47.38	-0.02
-12	4	15	499.52	12.26	-476.23	156.30
-10	4	15	55.30	46.19	59.75	30.15
-8	4	15	173.81	19.34	166.70	-32.15
-6	4	15	202.50	21.87	-96.08	-178.28
-4	4	15	192.14	14.58	205.70	3.44
-2	4	15	238.04	25.17	148.68	189.66
0	4	15	493.86	53.21	459.07	-149.38
2	4	15	65.27	47.59	-36.03	55.05
4	4	15	785.65	13.67	-723.77	313.76
6	4	15	223.43	15.40	31.58	-215.77
8	4	15	29.65	47.14	10.73	-19.00
10	4	15	351.26	10.81	-134.49	-320.85
-31	5	15	12.36	58.20	-15.63	-1.42
-29	5	15	14.43	56.85	9.01	11.31
-27	5	15	49.53	37.70	50.22	1.24

-25	5	15	59.76	31.43	59.50	-13.42
-23	5	15	36.69	36.68	-31.27	21.29
-21	5	15	59.71	35.39	30.19	49.71
-19	5	15	75.09	25.00	65.09	32.18
-17	5	15	111.70	17.70	51.04	95.67
-15	5	15	36.15	63.44	-27.18	-17.43
-13	5	15	73.09	42.07	-34.38	48.76
-11	5	15	153.82	21.38	60.31	142.32
-9	5	15	59.70	54.66	40.49	47.62
-7	5	15	65.72	43.78	-11.11	61.26
-5	5	15	60.84	39.48	57.25	-7.56
-3	5	15	133.23	28.57	11.96	128.61
-1	5	15	97.85	19.47	86.09	33.56
1	5	15	21.40	50.27	-13.10	-19.91
3	5	15	39.38	48.05	28.50	-2.17
5	5	15	18.02	46.74	3.04	11.52
7	5	15	20.62	47.23	-16.24	18.18
9	5	15	98.95	33.16	98.62	14.42
11	5	15	62.46	46.23	9.47	-64.80
-30	6	15	142.93	19.82	121.66	-77.35
-28	6	15	44.15	36.15	30.12	16.22
-26	6	15	219.79	27.53	-188.66	124.72
-24	6	15	255.43	26.30	70.14	240.28
-22	6	15	183.25	20.04	-140.25	118.83
-20	6	15	30.75	45.31	-0.91	35.33
-18	6	15	40.18	42.65	-42.57	17.37
-16	6	15	206.57	20.14	-0.88	202.77
-14	6	15	236.45	24.14	206.58	-92.11
-12	6	15	86.74	37.92	-2.21	-90.93
-10	6	15	50.75	59.06	-54.32	-10.05
-8	6	15	65.59	46.45	-62.74	21.76
-6	6	15	506.55	15.03	453.42	-221.33
-4	6	15	142.35	30.77	-68.42	-120.41
-2	6	15	368.71	13.84	295.19	-210.29
0	6	15	560.42	12.49	245.55	496.21
2	6	15	55.51	53.64	44.64	-9.16
4	6	15	45.76	50.11	-15.85	-48.81
6	6	15	88.26	41.71	81.81	-20.94
8	6	15	54.57	50.46	1.93	45.60
10	6	15	31.49	47.00	-25.52	5.72
12	6	15	21.91	45.89	50.00	-18.24
-31	7	15	0.00	57.96	-5.54	0.89
-29	7	15	35.69	36.01	16.39	-31.05
-27	7	15	38.86	39.05	-34.48	-5.55
-25	7	15	93.22	34.61	-81.61	5.97
-23	7	15	49.00	39.98	-43.31	-24.42
-21	7	15	92.82	25.65	-36.81	-81.73
-19	7	15	23.40	41.55	-21.49	4.83
-17	7	15	57.27	40.44	-53.51	-5.65
-15	7	15	11.63	60.99	10.77	-10.68
-13	7	15	71.03	45.71	-48.21	-45.23
-11	7	15	132.62	17.34	-116.80	-61.67
-9	7	15	85.97	41.41	-84.67	-14.17
-7	7	15	59.27	50.33	-40.89	-30.55

-5	7	15	23.09	54.47	-8.09	-16.00
-3	7	15	44.69	54.21	-19.76	-44.16
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1	7	15	45.10	53.66	49.85	1.32
3	7	15	85.40	49.70	-51.76	-60.66
5	7	15	50.01	51.41	-47.39	23.02
7	7	15	6.91	49.53	2.40	27.30
11	7	15	25.15	47.33	-15.71	-27.11
-30	8	15	10.45	55.98	11.30	2.48
-28	8	15	223.12	23.14	202.82	-85.85
-26	8	15	57.07	39.70	1.73	52.66
-24	8	15	199.82	20.76	-172.32	88.99
-22	8	15	148.14	17.92	112.47	99.30
-20	8	15	60.90	40.76	56.01	19.68
-18	8	15	54.74	42.11	-13.47	54.27
-16	8	15	148.03	17.52	106.66	-102.69
-14	8	15	124.73	18.48	89.69	85.76
-12	8	15	222.90	20.70	209.12	-55.67
-10	8	15	90.06	45.55	-35.35	86.29
-8	8	15	621.31	67.46	-473.32	404.05
-6	8	15	85.45	62.09	81.40	31.89
-4	8	15	10.31	55.15	4.38	-7.06
-2	8	15	310.29	18.21	-240.11	-196.73
0	8	15	334.28	14.74	-242.55	230.69
2	8	15	253.45	20.21	178.61	182.54
4	8	15	127.36	31.02	-103.75	88.83
6	8	15	163.17	21.27	-25.90	156.54
8	8	15	105.08	29.98	92.14	31.93
10	8	15	198.73	16.26	146.01	142.83
12	8	15	354.18	12.57	267.44	-200.64
-27	9	15	40.22	39.41	-38.67	12.72
-25	9	15	56.28	39.12	-56.48	9.81
-23	9	15	96.87	24.11	48.43	77.38
-21	9	15	50.43	40.51	50.89	-11.51
-19	9	15	33.70	41.50	-8.06	36.68
-17	9	15	15.81	40.49	12.60	-10.70
-15	9	15	118.34	20.03	79.45	82.92
-13	9	15	74.24	46.09	51.86	-45.10
-11	9	15	83.38	36.38	-11.83	73.99
-7	9	15	68.92	58.26	52.57	31.88
-5	9	15	86.81	49.64	76.62	42.23
-3	9	15	46.49	56.38	-30.99	-37.17
-1	9	15	64.62	52.33	-26.44	51.55
1	9	15	73.75	51.38	8.28	71.33
3	9	15	52.47	53.20	-51.51	4.19
5	9	15	14.54	53.29	15.60	-2.73
7	9	15	35.16	52.40	11.86	-32.82
9	9	15	103.20	37.27	-49.80	83.64
11	9	15	17.55	49.09	-16.69	3.68
-26	10	15	49.73	39.94	-43.87	3.32
-24	10	15	45.30	40.08	25.52	-19.90
-22	10	15	116.97	20.53	-82.18	88.92
-20	10	15	80.47	30.27	56.37	55.77
-18	10	15	239.58	24.67	131.35	-193.24

-16	10	15	197.37	20.89	-106.85	-160.86
-14	10	15	150.07	16.38	-117.07	100.03
-12	10	15	289.48	31.76	189.84	220.22
-10	10	15	226.51	23.84	-185.86	125.98
-8	10	15	27.05	60.34	33.19	-5.43
-6	10	15	185.12	19.62	-131.43	128.08
-4	10	15	40.71	55.33	-59.53	3.72
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0	10	15	206.81	20.84	-100.67	-186.97
2	10	15	83.94	55.17	-81.79	-24.06
4	10	15	186.18	25.16	85.53	154.92
6	10	15	54.08	55.56	-24.84	-46.06
8	10	15	69.18	49.53	33.90	62.37
10	10	15	187.55	18.19	42.05	-202.20
12	10	15	164.57	21.33	134.49	68.82
-25	11	15	16.93	40.03	-17.42	5.95
-23	11	15	76.98	30.58	-51.25	-54.00
-21	11	15	35.75	42.67	-29.67	6.22
-19	11	15	37.70	40.37	-23.16	-30.70
-17	11	15	75.75	30.48	9.53	-74.97
-15	11	15	80.77	26.96	-45.97	-62.71
-13	11	15	63.01	34.74	-55.61	19.42
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1	11	15	105.54	38.90	-98.34	-24.76
3	11	15	64.92	57.26	29.60	-46.94
5	11	15	55.22	54.77	-19.71	-46.84
7	11	15	65.85	51.77	65.43	-23.15
9	11	15	96.82	39.30	18.04	-88.10
13	11	15	90.55	36.77	85.76	-7.70
-22	12	15	81.47	30.93	57.87	56.25
-20	12	15	106.72	22.99	-76.28	73.94
-18	12	15	36.25	41.08	-5.66	-31.61
-16	12	15	102.65	22.15	92.11	-49.68
-14	12	15	208.92	21.87	-178.59	-102.96
-12	12	15	292.48	30.78	-186.42	219.84
-10	12	15	226.28	23.89	205.63	84.37
-8	12	15	126.03	19.87	-20.41	123.68
-6	12	15	136.14	17.68	55.17	122.79
-4	12	15	31.26	40.98	27.28	22.47
-2	12	15	46.64	55.93	48.58	8.62
0	12	15	90.48	26.69	46.37	65.25
2	12	15	108.15	40.79	-44.16	87.12
4	12	15	272.07	22.82	-138.45	239.12
6	12	15	149.54	32.52	151.54	14.93
8	12	15	49.38	50.80	-25.08	53.24
10	12	15	303.86	15.47	-264.16	-144.03
12	12	15	46.03	49.35	-31.63	34.50
-21	13	15	28.18	41.53	4.37	30.51
-19	13	15	56.99	41.51	32.38	-51.58
-17	13	15	57.60	38.28	45.19	38.55
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-13	13	15	65.84	34.49	9.47	60.82
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-7	13	15	36.47	41.81	32.68	13.54
-5	13	15	35.46	41.29	4.67	28.68
-3	13	15	92.47	49.33	80.64	33.49
-1	13	15	19.70	55.90	-2.60	-17.02
1	13	15	25.11	57.01	2.77	21.00
3	13	15	49.96	39.52	-34.11	33.92
5	13	15	15.00	55.43	5.70	2.40
7	13	15	26.18	56.00	-2.99	-21.55
9	13	15	30.19	53.44	9.26	-31.06
-20	14	15	118.31	21.69	-118.68	-33.18
-18	14	15	97.17	25.04	7.71	98.25
-16	14	15	57.38	44.03	-45.73	-30.24
-14	14	15	72.58	32.95	-52.02	43.82
-12	14	15	111.71	21.25	-58.88	-89.39
-10	14	15	102.25	22.62	67.18	-71.27
-8	14	15	69.14	35.22	69.62	10.20
-6	14	15	288.01	30.53	97.78	-260.02
-4	14	15	131.43	21.10	-93.38	-83.29
-2	14	15	39.37	39.39	10.88	-39.79
0	14	15	100.63	23.91	106.38	14.09
2	14	15	130.69	17.78	-41.77	132.61
4	14	15	115.93	20.15	-14.95	-101.78
6	14	15	138.18	15.89	86.56	-106.81
8	14	15	144.95	28.74	-123.18	-83.09
10	14	15	88.92	46.13	-13.10	86.13
12	14	15	111.82	34.46	-35.10	-112.34
-17	15	15	25.42	41.13	24.36	4.25
-13	15	15	46.17	43.28	-45.90	-6.69
-11	15	15	54.84	41.28	-48.76	5.37
-9	15	15	14.19	39.45	-2.76	10.77
-7	15	15	38.46	41.13	-30.34	19.58
-5	15	15	66.73	36.20	46.19	-45.52
-3	15	15	52.54	39.66	-40.65	-21.26
-1	15	15	60.59	38.23	38.77	46.72
1	15	15	75.58	29.34	53.59	-48.81
3	15	15	42.45	38.08	-20.63	41.43
5	15	15	47.99	56.58	14.30	-42.08
7	15	15	0.93	57.03	2.62	3.93
11	15	15	56.88	52.28	44.93	-27.37
-14	16	15	73.63	32.00	36.54	63.50
-12	16	15	94.38	26.17	69.98	-11.38
-10	16	15	132.82	18.70	91.16	95.65
-8	16	15	32.75	40.61	-23.60	3.90
-6	16	15	31.77	39.41	27.25	-6.34
-4	16	15	53.01	39.61	55.46	-2.99
-2	16	15	119.40	18.57	-116.24	-2.37
0	16	15	121.12	18.78	-65.64	105.96
2	16	15	132.96	18.04	128.99	17.51
4	16	15	129.97	40.38	60.97	126.70
6	16	15	99.45	46.97	37.46	89.77
8	16	15	106.91	41.84	28.56	-105.39

10	16	15	59.53	53.31	8.16	57.04
-11	17	15	35.41	40.09	-1.34	34.55
-9	17	15	64.37	67.68	7.18	60.02
-7	17	15	19.06	39.77	-16.64	-14.12
-5	17	15	3.08	39.03	-3.22	4.58
-3	17	15	17.86	37.91	-13.94	13.40
-1	17	15	53.73	36.92	15.21	48.58
1	17	15	59.56	61.02	1.19	59.45
5	17	15	47.94	58.02	-26.86	38.91
7	17	15	26.86	55.54	5.61	22.75
-8	18	15	163.24	18.79	-159.11	-5.57
-6	18	15	87.36	25.69	41.75	-75.87
-4	18	15	107.40	50.48	-108.70	-21.62
-2	18	15	39.94	38.59	-12.27	37.45
0	18	15	58.73	62.14	40.36	-38.72
2	18	15	66.79	62.54	-8.14	-67.04
4	18	15	21.09	57.25	-18.17	20.84
6	18	15	54.82	56.96	9.57	-45.86
-5	19	15	22.03	39.00	18.59	0.67
-1	19	15	37.62	62.11	-35.59	-6.25
1	19	15	21.44	60.56	-15.13	7.87
-30	0	16	22.85	72.49	-19.32	0.00
-26	0	16	18.62	70.14	-27.82	0.00
-24	0	16	19.51	70.02	16.22	0.00
-20	0	16	464.95	98.23	-447.41	0.00
-18	0	16	49.29	55.48	-52.24	0.00
-16	0	16	426.65	37.53	396.88	0.00
-14	0	16	43.14	50.07	32.21	0.00
-12	0	16	13.61	49.50	-12.91	0.00
-10	0	16	43.88	46.33	-50.27	0.00
-8	0	16	241.37	21.08	223.81	0.00
-6	0	16	23.19	49.15	11.60	0.00
-4	0	16	246.96	22.14	-238.20	0.00
-2	0	16	82.61	40.45	-72.27	0.00
0	0	16	144.22	40.05	114.20	0.00
2	0	16	59.64	47.11	-43.11	0.00
4	0	16	562.74	49.85	-528.11	0.00
-31	1	16	69.19	62.22	-11.93	-55.60
-29	1	16	5.71	70.01	-8.81	8.78
-27	1	16	41.02	59.61	3.53	38.25
-25	1	16	60.31	72.93	-24.32	55.63
-23	1	16	45.21	56.20	-31.87	24.41
-21	1	16	5.81	55.21	2.01	9.23
-19	1	16	36.03	40.37	-22.10	-32.14
-17	1	16	93.63	31.88	31.28	79.37
-15	1	16	46.66	43.27	-25.08	-27.55
-13	1	16	65.18	37.58	-25.65	-51.40
-11	1	16	13.47	41.32	1.46	8.09
-9	1	16	44.72	41.63	11.85	38.18
-7	1	16	101.94	20.90	-26.30	-85.15
-5	1	16	52.76	42.15	-22.14	-44.57
-3	1	16	87.73	28.51	27.88	-75.09
-1	1	16	73.75	31.08	-44.67	48.74
1	1	16	65.17	33.45	62.62	-41.53

3	1	16	65.39	33.15	-43.92	-45.91
5	1	16	25.54	37.62	-2.96	-27.04
7	1	16	17.48	46.59	2.93	-25.86
-30	2	16	112.41	60.09	75.46	85.93
-28	2	16	39.22	59.76	25.51	27.06
-26	2	16	188.45	30.27	-177.69	-22.53
-24	2	16	41.19	40.96	-22.49	-23.68
-22	2	16	110.18	21.29	-10.07	103.33
-20	2	16	169.44	33.18	-14.50	-160.51
-18	2	16	219.40	12.73	157.61	-133.45
-16	2	16	73.89	40.22	-10.79	-71.48
-14	2	16	213.02	19.23	-190.44	83.29
-12	2	16	38.57	43.05	34.77	4.03
-10	2	16	197.36	14.30	-168.70	-75.88
-8	2	16	582.73	36.14	72.03	539.60
-6	2	16	73.65	31.78	-20.57	62.20
-4	2	16	49.60	38.93	26.32	-33.16
-2	2	16	406.92	24.83	-366.87	127.35
0	2	16	211.18	15.83	53.31	176.13
2	2	16	398.02	23.01	-346.23	133.39
4	2	16	223.24	14.57	-77.15	-197.34
6	2	16	86.87	37.45	7.47	63.57
8	2	16	436.05	13.23	86.74	395.73
-31	3	16	22.39	68.71	4.98	19.76
-29	3	16	41.48	60.00	5.66	-34.74
-27	3	16	28.32	64.54	28.62	-8.46
-25	3	16	63.55	35.11	-47.68	28.77
-23	3	16	80.04	28.46	51.41	-45.89
-21	3	16	45.10	40.24	2.19	-42.13
-19	3	16	57.86	54.10	14.27	46.54
-17	3	16	8.50	38.58	-7.73	-7.63
-15	3	16	77.12	49.72	66.13	-11.01
-13	3	16	57.42	51.15	-43.23	-26.83
-11	3	16	29.02	50.54	11.83	-29.45
-9	3	16	50.37	40.61	12.72	43.29
-7	3	16	91.38	40.39	67.09	42.35
-5	3	16	31.49	36.39	3.84	-23.24
-3	3	16	39.17	39.43	16.49	37.49
-1	3	16	30.21	39.30	13.08	28.46
1	3	16	61.90	35.03	12.42	58.03
3	3	16	17.95	50.00	17.72	8.56
5	3	16	30.91	48.69	15.73	-20.37
7	3	16	83.25	46.99	-14.19	84.54
9	3	16	71.20	42.36	33.95	-42.59
-30	4	16	27.36	65.55	18.29	19.64
-28	4	16	37.10	58.33	-26.40	19.84
-26	4	16	12.65	39.04	-8.03	2.63
-24	4	16	176.30	13.57	-157.93	49.87
-22	4	16	210.71	22.54	30.89	199.36
-20	4	16	66.92	42.79	50.39	-29.37
-18	4	16	36.90	73.07	-29.26	-25.21
-16	4	16	389.23	16.23	-338.46	147.13
-14	4	16	76.53	48.56	-66.80	26.24
-12	4	16	199.08	19.16	-189.14	-15.92

-10	4	16	177.38	21.42	23.78	165.26
-8	4	16	638.49	13.47	-566.62	215.17
-6	4	16	354.76	15.10	43.63	331.28
-4	4	16	377.66	22.85	317.14	-138.34
-2	4	16	99.77	20.23	17.72	90.61
0	4	16	74.09	30.80	65.65	38.10
2	4	16	192.61	23.45	12.38	184.45
4	4	16	210.58	20.26	176.36	-58.18
6	4	16	246.68	20.26	42.43	216.42
8	4	16	67.72	50.76	-73.75	-8.06
-29	5	16	55.25	62.53	40.62	23.20
-27	5	16	43.10	40.14	-38.52	9.26
-25	5	16	41.48	38.88	6.44	-31.51
-23	5	16	75.47	31.33	45.91	49.21
-21	5	16	67.68	41.64	45.67	38.08
-19	5	16	139.30	20.36	-66.24	-103.32
-17	5	16	63.69	43.77	-54.15	-11.43
-15	5	16	32.71	46.29	-5.72	-30.05
-13	5	16	46.04	51.36	-15.89	43.34
-11	5	16	63.87	62.03	-31.94	-44.44
-9	5	16	121.18	35.68	-63.65	-87.21
-7	5	16	66.98	44.16	-62.43	-22.16
-5	5	16	39.23	56.76	-32.73	-2.59
-3	5	16	76.13	56.84	-41.62	-50.10
-1	5	16	134.24	34.59	-94.52	-84.54
1	5	16	91.49	60.30	-75.36	-43.02
3	5	16	28.30	55.64	-15.85	-21.12
5	5	16	77.98	50.50	-52.72	-48.08
7	5	16	50.68	52.86	-38.38	-33.00
-30	6	16	49.97	62.53	-42.86	-16.25
-28	6	16	81.02	26.40	-48.23	-55.72
-26	6	16	168.36	15.97	-117.76	114.46
-24	6	16	95.04	28.17	75.72	42.27
-22	6	16	63.83	40.53	-54.41	-29.49
-20	6	16	151.96	19.27	5.23	138.38
-18	6	16	101.27	27.05	42.74	90.92
-16	6	16	123.85	20.28	15.20	-106.21
-14	6	16	457.10	12.86	-375.79	211.16
-12	6	16	18.75	65.06	-29.08	-17.02
-10	6	16	186.56	21.35	-73.71	155.27
-8	6	16	284.57	13.10	-116.20	-241.11
-6	6	16	334.78	18.65	261.75	-177.71
-4	6	16	54.37	59.21	26.77	37.35
-2	6	16	611.25	18.62	-501.76	282.33
0	6	16	163.29	31.29	-31.14	-136.13
2	6	16	202.19	25.87	-189.93	44.47
4	6	16	243.68	22.35	111.08	193.00
6	6	16	73.66	53.74	-34.06	38.60
8	6	16	199.62	20.35	-19.35	-184.20
10	6	16	337.84	14.56	-250.24	184.02
12	6	16	137.62	26.13	83.83	82.30
-29	7	16	8.63	41.87	-4.61	-6.25
-27	7	16	45.45	41.58	35.33	-23.88
-25	7	16	35.47	43.05	5.33	-29.53

-23	7	16	60.93	41.10	-23.33	-51.09
-21	7	16	41.00	44.01	30.43	-18.96
-19	7	16	44.91	44.81	22.91	31.95
-17	7	16	76.88	36.38	52.61	-44.40
-15	7	16	37.73	50.24	25.41	21.29
-13	7	16	44.93	61.24	-1.15	41.69
-11	7	16	84.30	41.97	64.84	-35.73
-9	7	16	69.61	45.28	64.31	23.90
-7	7	16	52.64	57.39	4.85	39.91
-5	7	16	108.74	42.73	85.74	47.71
-3	7	16	77.11	52.60	68.62	-8.45
-1	7	16	65.52	52.94	16.84	52.97
1	7	16	35.55	52.48	40.67	-0.26
3	7	16	23.61	51.86	11.44	17.39
5	7	16	153.54	24.98	141.98	4.54
7	7	16	45.84	51.27	-35.58	30.46
-26	8	16	111.81	25.58	66.76	85.60
-24	8	16	56.93	42.79	-51.77	24.41
-22	8	16	42.80	42.90	14.57	41.07
-20	8	16	290.72	23.25	-208.27	195.90
-18	8	16	147.12	20.17	112.90	88.71
-16	8	16	139.01	19.33	-105.19	83.63
-14	8	16	52.29	53.38	35.19	45.03
-12	8	16	140.91	19.68	-47.31	130.21
-10	8	16	179.46	16.93	100.80	143.03
-8	8	16	180.31	27.83	123.50	-113.86
-6	8	16	184.06	26.45	-129.64	-123.37
-4	8	16	118.04	36.28	-75.33	87.12
-2	8	16	117.56	36.84	-58.03	-88.36
0	8	16	308.27	14.81	-290.37	89.15
2	8	16	20.18	55.98	1.21	-21.10
4	8	16	351.52	16.86	-278.20	201.01
6	8	16	59.26	49.99	-9.25	-48.62
8	8	16	310.07	14.80	245.93	-166.08
10	8	16	134.83	26.68	77.61	92.26
12	8	16	26.23	50.12	21.24	-0.90
-25	9	16	31.42	42.49	20.72	12.24
-23	9	16	65.00	38.44	-46.24	-30.39
-21	9	16	59.12	42.21	-46.82	-7.77
-19	9	16	23.09	43.58	7.36	20.38
-17	9	16	31.27	41.94	16.14	21.89
-15	9	16	49.28	41.89	-38.52	11.56
-13	9	16	68.19	49.15	-41.10	-49.50
-11	9	16	34.50	42.23	8.86	31.18
-9	9	16	48.85	62.41	41.27	-16.36
-7	9	16	129.51	21.96	-97.19	-69.94
-5	9	16	51.69	58.37	-46.30	-1.54
-3	9	16	14.75	56.62	3.25	-11.43
-1	9	16	35.60	52.34	-26.01	23.86
1	9	16	98.82	43.99	-28.69	-88.77
3	9	16	52.62	53.62	-44.30	-16.84
5	9	16	46.82	54.16	-41.63	-22.26
7	9	16	2.05	53.51	1.31	-4.52
9	9	16	19.23	51.06	10.27	-9.37

11	9	16	28.17	49.20	-13.91	-28.96
13	9	16	22.95	47.83	-11.85	-18.93
-24	10	16	66.25	71.72	-59.60	52.11
-22	10	16	164.09	17.43	151.56	-52.80
-20	10	16	198.98	17.26	-95.87	-160.53
-18	10	16	222.67	17.57	155.15	-144.80
-16	10	16	101.82	25.18	46.60	80.40
-14	10	16	196.87	16.53	-83.96	173.71
-12	10	16	150.37	18.72	133.93	60.22
-10	10	16	57.50	44.47	35.34	-44.13
-8	10	16	61.21	59.14	-67.75	35.76
-6	10	16	110.30	24.69	90.41	60.74
-4	10	16	127.77	20.60	-33.82	-107.71
-2	10	16	296.93	22.49	-139.95	253.60
0	10	16	187.05	28.95	119.31	129.33
2	10	16	403.87	17.26	-137.12	368.69
4	10	16	149.48	32.88	-111.58	-87.36
6	10	16	224.14	21.04	162.58	-145.46
8	10	16	84.15	44.44	18.38	77.75
10	10	16	340.13	17.25	-151.74	294.46
12	10	16	147.29	24.38	101.50	110.40
-23	11	16	11.29	43.33	-10.34	-13.83
-21	11	16	16.90	43.54	9.04	6.71
-19	11	16	41.36	42.71	-17.88	31.57
-17	11	16	53.44	41.28	28.38	36.65
-15	11	16	39.20	40.61	32.02	-5.96
-13	11	16	6.10	48.29	-12.19	7.69
-11	11	16	16.23	46.87	-7.09	10.83
-7	11	16	97.24	52.43	90.04	3.05
-5	11	16	56.03	58.16	28.44	43.10
-3	11	16	74.04	57.21	64.60	26.99
-1	11	16	18.39	54.61	4.10	19.93
1	11	16	50.67	58.34	22.79	47.52
3	11	16	41.20	55.49	34.01	16.21
7	11	16	59.58	53.19	57.66	-2.78
9	11	16	27.05	50.90	-17.38	-18.32
11	11	16	97.35	39.17	-4.12	95.07
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-16	12	16	45.76	41.81	-24.90	34.02
-14	12	16	178.40	17.99	156.47	63.24
-12	12	16	191.98	16.92	-141.91	118.68
-10	12	16	49.96	46.75	31.02	41.78
-8	12	16	291.04	22.46	-136.49	246.28
-6	12	16	64.69	41.03	59.00	-15.69
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-2	12	16	229.98	17.88	162.70	148.09
0	12	16	89.62	46.92	84.24	-14.50
2	12	16	327.34	23.06	244.16	189.15
4	12	16	25.96	55.53	-8.85	40.72
6	12	16	104.45	44.37	-93.25	-25.32
8	12	16	25.28	52.59	-29.03	0.64
10	12	16	156.32	25.76	-121.63	-80.74

12	12	16	58.55	53.57	-17.11	-27.58
-19	13	16	88.37	27.44	-81.74	13.67
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-15	13	16	30.38	43.74	-11.80	-28.35
-13	13	16	8.34	44.78	-7.80	7.73
-11	13	16	137.58	20.05	-118.85	-37.13
-9	13	16	74.62	37.10	-62.49	15.27
-7	13	16	34.82	43.51	-24.95	22.20
-5	13	16	40.23	42.28	-32.42	-25.89
-3	13	16	67.35	37.11	-57.67	21.30
-1	13	16	85.12	30.06	-70.53	-36.38
1	13	16	8.67	58.55	-11.36	-10.41
3	13	16	63.27	59.16	-56.03	26.90
5	13	16	65.87	37.41	-57.48	-23.73
7	13	16	41.16	42.43	-36.28	3.25
9	13	16	29.96	53.52	12.06	20.33
11	13	16	58.96	53.74	-54.44	-7.40
13	13	16	32.12	53.18	-10.71	-21.16
-16	14	16	29.69	45.55	23.79	-2.73
-14	14	16	82.44	36.42	-8.29	75.66
-12	14	16	126.68	22.70	41.12	105.43
-10	14	16	129.67	20.86	4.30	118.38
-8	14	16	67.53	41.79	-44.50	-44.42
-6	14	16	47.90	43.61	15.00	-47.54
-4	14	16	165.16	19.31	80.23	116.18
-2	14	16	233.46	19.14	-45.70	221.20
0	14	16	302.84	20.66	263.83	108.96
2	14	16	40.61	60.17	-52.07	-14.02
4	14	16	144.52	18.82	47.07	115.17
6	14	16	146.73	32.23	4.83	130.94
8	14	16	88.68	51.52	-34.72	-78.77
10	14	16	192.77	26.03	-61.52	179.06
12	14	16	110.44	38.78	86.35	61.38
-15	15	16	27.89	45.82	5.33	-22.87
-13	15	16	52.14	43.00	-42.69	21.33
-11	15	16	31.46	42.41	-24.54	21.93
-9	15	16	48.72	42.24	22.80	-37.63
-7	15	16	31.66	43.13	-19.43	18.14
-5	15	16	31.61	43.49	21.68	-18.49
-3	15	16	37.68	41.88	0.57	-37.68
-1	15	16	25.06	41.98	-1.81	23.93
1	15	16	35.46	61.10	-30.21	1.24
3	15	16	15.81	41.53	-14.55	-0.05
5	15	16	63.58	58.95	24.73	-56.05
7	15	16	79.85	57.26	1.01	74.44
9	15	16	46.89	54.14	24.40	-44.83
11	15	16	55.96	54.07	-52.33	-9.48
-12	16	16	35.07	43.65	29.42	-26.29
-10	16	16	137.06	20.29	125.95	0.97
-8	16	16	184.29	17.85	-2.94	178.96
-6	16	16	41.72	42.46	-33.51	3.85
-4	16	16	43.87	42.55	-16.07	-17.57
-2	16	16	105.96	24.21	-45.11	-87.08
0	16	16	45.69	41.22	-36.48	-13.48

2	16	16	32.51	40.95	9.55	-34.49
4	16	16	150.27	36.24	-44.02	138.05
6	16	16	83.36	57.63	12.08	-63.94
8	16	16	75.97	55.77	5.62	79.15
10	16	16	26.71	55.32	13.69	-28.83
12	16	16	53.09	52.88	36.79	34.64
-9	17	16	21.81	45.01	-21.86	-2.80
-7	17	16	46.87	41.46	-43.69	12.71
-5	17	16	19.68	42.04	16.24	13.00
-3	17	16	26.50	39.50	-14.10	-22.38
-1	17	16	28.15	40.07	-22.29	19.74
1	17	16	59.63	61.40	-50.59	1.99
3	17	16	34.66	59.99	-35.90	1.79
5	17	16	27.80	60.12	17.61	5.59
7	17	16	32.03	57.20	3.22	-31.17
-4	18	16	89.20	29.45	-36.25	-69.57
-2	18	16	116.54	22.65	5.22	101.30
0	18	16	40.67	65.13	-36.36	27.27
4	18	16	29.95	58.97	7.62	-37.53
-28	0	17	158.18	57.02	154.27	0.00
-24	0	17	18.15	72.57	-17.33	0.00
-22	0	17	106.93	65.33	-96.49	0.00
-20	0	17	146.10	18.14	135.99	0.00
-18	0	17	114.36	61.00	113.24	0.00
-16	0	17	39.05	64.79	-20.61	0.00
-14	0	17	63.73	51.25	-43.89	0.00
-12	0	17	47.25	55.97	45.02	0.00
-10	0	17	91.97	41.74	83.75	0.00
-8	0	17	169.17	22.80	164.24	0.00
-6	0	17	18.49	49.02	-18.45	0.00
-4	0	17	345.55	30.76	334.26	0.00
-2	0	17	64.43	50.28	72.27	0.00
0	0	17	484.71	42.60	-429.30	0.00
2	0	17	29.78	47.74	-16.34	0.00
4	0	17	336.06	29.31	-311.73	0.00
6	0	17	15.07	45.64	21.91	0.00
-29	1	17	64.28	73.69	-24.78	46.55
-27	1	17	28.63	73.02	25.10	10.53
-25	1	17	75.06	76.29	-10.33	-71.67
-23	1	17	23.54	60.38	-7.28	19.54
-21	1	17	77.13	43.61	29.49	62.02
-19	1	17	37.97	49.10	-25.82	-23.31
-17	1	17	76.07	43.74	-15.87	-67.00
-15	1	17	41.46	46.35	23.97	17.56
-13	1	17	50.94	44.78	36.33	23.84
-11	1	17	26.13	42.78	-4.52	15.60
-9	1	17	43.90	45.64	22.80	-35.89
-7	1	17	50.51	43.12	-0.76	-54.60
-5	1	17	79.22	32.61	-0.24	64.79
-3	1	17	52.24	42.89	20.21	37.61
-1	1	17	27.19	41.83	-21.51	-11.24
1	1	17	13.46	40.98	11.74	-2.06
3	1	17	85.66	26.74	12.81	68.56
5	1	17	108.90	21.69	28.80	88.50

7	1	17	33.11	47.23	9.42	30.20
-30	2	17	53.22	72.98	29.45	-42.37
-28	2	17	242.16	25.61	59.69	216.86
-26	2	17	69.51	61.82	-43.05	35.94
-24	2	17	203.51	15.43	-36.18	-182.51
-22	2	17	298.54	29.48	280.18	-18.93
-20	2	17	72.53	47.36	23.98	-63.28
-18	2	17	54.88	41.24	49.25	-1.62
-16	2	17	419.42	14.93	-31.13	-391.55
-14	2	17	113.32	56.62	-96.95	24.53
-12	2	17	304.27	46.36	68.78	270.12
-10	2	17	175.64	16.90	119.52	-129.46
-8	2	17	326.61	20.18	-72.72	-291.00
-6	2	17	228.71	14.92	205.33	-44.01
-4	2	17	476.79	29.12	92.10	433.34
-2	2	17	286.84	17.35	-247.80	-86.94
0	2	17	162.19	16.92	-24.41	-151.98
2	2	17	256.60	15.78	241.51	32.52
4	2	17	161.63	14.04	25.81	148.03
6	2	17	271.25	15.61	244.39	-35.16
8	2	17	333.56	13.34	-91.67	-298.31
-29	3	17	49.03	70.22	27.08	38.19
-27	3	17	28.65	61.72	18.66	-13.98
-25	3	17	50.38	42.17	2.78	-46.45
-23	3	17	25.60	59.15	-14.20	15.61
-21	3	17	42.62	77.84	14.84	31.06
-19	3	17	78.24	31.21	41.04	62.79
-17	3	17	53.37	42.73	-38.05	-24.46
-15	3	17	26.59	53.75	-7.60	18.31
-13	3	17	70.53	52.67	-3.46	61.14
-11	3	17	27.49	51.00	12.20	-15.86
-9	3	17	134.74	51.20	-16.26	-109.94
-7	3	17	45.35	47.58	-28.04	18.23
-5	3	17	32.93	41.44	-7.66	25.53
-3	3	17	32.98	41.05	25.32	-15.12
-1	3	17	143.53	17.36	-38.21	-117.90
1	3	17	49.95	39.78	-28.92	-17.78
3	3	17	31.17	52.83	10.33	-24.61
5	3	17	75.98	47.53	-64.60	10.34
7	3	17	72.47	49.78	-9.10	-56.71
9	3	17	97.61	38.76	-37.38	-83.99
-30	4	17	72.99	68.41	63.65	-20.12
-28	4	17	34.42	83.21	16.37	27.09
-26	4	17	66.18	36.60	-36.89	48.41
-24	4	17	22.30	41.87	19.91	-5.41
-22	4	17	188.41	16.17	14.28	-174.91
-20	4	17	65.63	44.86	26.25	63.18
-18	4	17	108.32	22.43	-71.83	-67.15
-16	4	17	470.19	28.00	409.81	-180.32
-14	4	17	66.70	53.00	58.53	-47.81
-12	4	17	37.63	84.03	-2.64	21.89
-10	4	17	217.66	18.87	-124.35	-148.49
-8	4	17	114.68	30.65	71.05	-59.62
-6	4	17	213.06	15.25	7.50	-201.88

-4	4	17	299.46	20.10	277.76	-96.54
-2	4	17	54.68	39.58	17.75	48.54
0	4	17	205.94	14.10	187.26	-31.85
2	4	17	225.56	19.07	119.99	165.20
4	4	17	129.56	30.52	119.02	-21.37
6	4	17	267.08	19.30	-16.12	-240.99
8	4	17	261.53	17.79	247.21	-10.73
10	4	17	104.86	31.86	6.16	-95.10
-27	5	17	51.35	42.68	22.61	38.85
-25	5	17	45.17	41.83	44.53	9.67
-23	5	17	19.96	44.47	-21.36	5.28
-21	5	17	32.73	75.86	29.67	-6.49
-19	5	17	7.87	41.93	-9.91	-5.98
-17	5	17	94.53	44.05	30.52	78.57
-15	5	17	43.21	42.22	37.39	-16.64
-13	5	17	34.66	53.37	-31.71	-19.55
-11	5	17	11.88	62.68	-6.80	8.59
-9	5	17	87.32	39.93	17.57	73.66
-7	5	17	72.68	44.66	49.54	31.30
-5	5	17	26.14	55.35	7.06	17.63
-3	5	17	72.56	54.14	31.75	45.87
-1	5	17	77.24	59.42	61.73	24.58
1	5	17	81.31	57.85	21.16	60.56
3	5	17	86.00	50.48	48.26	51.24
5	5	17	38.03	53.78	-3.20	28.20
7	5	17	61.53	53.76	34.30	32.01
9	5	17	138.42	27.13	62.82	113.34
11	5	17	69.83	49.64	24.29	62.74
-28	6	17	92.84	27.64	1.33	-76.78
-26	6	17	86.40	29.00	54.92	-57.11
-24	6	17	144.21	19.64	76.90	110.21
-22	6	17	33.38	44.95	-38.33	-8.33
-20	6	17	37.85	44.91	-19.27	-25.45
-18	6	17	97.19	26.24	51.01	-76.29
-16	6	17	462.48	12.95	221.62	366.83
-14	6	17	190.47	16.43	-171.78	48.81
-12	6	17	57.95	43.55	-51.05	-26.67
-10	6	17	314.28	19.04	281.06	-107.78
-8	6	17	85.64	40.96	66.88	38.87
-6	6	17	90.26	66.21	-48.45	67.63
-4	6	17	267.29	19.09	-150.62	-192.42
-2	6	17	283.78	17.47	242.80	-95.50
0	6	17	529.08	16.53	231.29	429.00
2	6	17	234.93	23.15	136.15	-179.15
4	6	17	137.62	32.92	-93.98	-66.51
6	6	17	229.56	21.16	163.22	-122.23
8	6	17	192.26	23.19	96.57	151.48
10	6	17	110.26	33.35	-10.57	-112.17
12	6	17	30.65	51.33	-8.44	-28.11
-27	7	17	36.17	42.17	-13.93	-30.24
-25	7	17	45.97	42.58	-25.43	29.32
-23	7	17	31.80	43.65	2.73	-26.24
-21	7	17	98.72	28.86	-24.87	-82.16
-19	7	17	72.39	34.30	22.52	64.45

-17	7	17	15.30	42.02	7.84	12.39
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-13	7	17	104.84	26.02	-75.81	-47.48
-11	7	17	60.64	51.34	-40.81	28.22
-9	7	17	19.56	49.71	9.16	22.73
-7	7	17	23.82	60.02	12.41	-7.07
-5	7	17	92.25	54.48	-71.39	-16.45
-3	7	17	46.27	56.35	-37.97	1.68
-1	7	17	41.90	58.52	-22.33	15.50
1	7	17	59.41	57.69	-30.12	-28.41
3	7	17	152.42	34.20	-116.55	-54.55
5	7	17	64.06	54.60	-26.76	-40.22
7	7	17	51.16	56.22	-34.51	26.26
9	7	17	46.15	53.04	-36.50	2.87
11	7	17	176.12	20.79	-119.47	-94.98
-24	8	17	43.00	44.81	25.31	33.94
-22	8	17	99.28	27.34	23.13	88.64
-20	8	17	79.02	37.49	-61.39	-30.50
-18	8	17	24.50	43.68	15.53	-20.30
-16	8	17	173.44	18.44	154.09	-69.41
-14	8	17	106.14	24.87	22.47	99.41
-12	8	17	162.51	16.77	120.38	-88.83
-10	8	17	137.84	27.97	93.91	82.35
-8	8	17	138.20	42.73	25.74	110.14
-6	8	17	100.95	49.71	-79.07	-39.96
-4	8	17	442.12	20.61	336.07	-237.70
-2	8	17	87.56	54.47	-33.88	-82.93
0	8	17	34.90	61.47	-2.98	-38.43
2	8	17	224.09	23.25	-167.63	-107.78
4	8	17	84.94	57.74	-70.17	27.84
6	8	17	29.78	56.08	3.22	-34.12
8	8	17	68.28	54.17	-42.87	-21.25
10	8	17	58.49	55.15	-35.04	-30.57
12	8	17	107.78	36.68	101.77	-18.48
-23	9	17	46.14	44.94	-5.03	37.24
-21	9	17	62.81	44.92	26.92	40.91
-19	9	17	64.33	40.54	-19.85	-59.11
-17	9	17	54.20	57.00	-46.80	-28.25
-15	9	17	76.28	37.46	21.34	57.94
-13	9	17	38.52	54.25	-17.70	-38.29
-9	9	17	26.01	64.34	1.72	-22.26
-7	9	17	58.93	46.79	4.08	46.01
-5	9	17	70.10	63.01	42.37	37.45
-3	9	17	44.27	62.02	37.43	-12.34
-1	9	17	63.16	58.74	13.27	55.38
1	9	17	27.55	59.03	-7.18	16.86
3	9	17	49.97	60.70	2.68	33.87
5	9	17	142.66	32.74	92.88	81.48
9	9	17	27.81	55.19	5.91	14.17
13	9	17	24.74	54.52	13.27	-9.68
-22	10	17	174.03	18.84	86.31	-145.53
-20	10	17	27.97	41.11	35.64	-17.12
-18	10	17	65.85	39.07	-32.91	45.67
-16	10	17	144.31	18.67	-69.37	-107.22

-14	10	17	105.33	24.38	12.57	-96.72
-12	10	17	224.11	15.98	176.83	108.76
-10	10	17	189.00	16.90	-162.55	84.02
-8	10	17	50.92	64.80	27.06	42.10
-6	10	17	106.22	27.09	-103.59	-23.16
-4	10	17	242.93	17.09	194.61	115.67
-2	10	17	310.08	18.02	-248.00	141.26
0	10	17	191.27	31.18	-122.26	-119.77
2	10	17	238.10	32.89	107.89	-201.63
4	10	17	93.80	55.40	77.49	28.80
6	10	17	135.59	37.57	-93.76	79.03
8	10	17	51.34	56.25	-41.23	14.19
10	10	17	27.41	56.45	-12.19	-12.88
12	10	17	245.13	19.52	162.26	153.00
-21	11	17	28.82	41.99	21.22	-24.04
-19	11	17	62.15	40.83	25.47	-47.14
-17	11	17	22.06	41.81	-7.79	-14.56
-15	11	17	18.74	44.55	-12.73	-12.63
-13	11	17	40.66	44.88	15.15	30.75
-11	11	17	117.20	25.37	-6.28	-101.92
-9	11	17	49.17	44.75	-33.12	-19.45
-7	11	17	52.03	63.10	51.40	-18.18
-5	11	17	35.39	63.86	-11.33	-29.87
-3	11	17	97.08	54.19	26.33	-75.67
-1	11	17	141.13	40.20	-112.23	-48.54
1	11	17	12.37	60.97	-7.66	3.15
3	11	17	53.43	61.71	13.27	-47.67
5	11	17	67.80	60.15	-31.71	-41.78
7	11	17	43.43	58.60	-21.95	-16.25
9	11	17	52.52	56.43	-40.29	-26.95
-20	12	17	95.00	70.45	84.72	-9.90
-18	12	17	77.05	33.06	-63.95	-32.73
-16	12	17	288.85	17.31	131.24	-239.49
-14	12	17	201.39	16.86	-169.25	-91.12
-12	12	17	45.98	46.19	18.26	-40.86
-10	12	17	69.45	44.13	-61.55	-10.97
-8	12	17	104.39	30.11	-26.43	-93.20
-6	12	17	40.68	64.12	-13.76	-40.17
-4	12	17	27.28	46.54	2.27	-30.92
-2	12	17	109.71	27.32	-90.21	-30.00
0	12	17	90.41	31.35	60.01	-56.41
2	12	17	134.77	40.77	99.64	54.03
4	12	17	185.99	36.18	-26.41	159.54
6	12	17	21.73	61.08	-7.09	4.50
8	12	17	247.14	25.12	147.51	-172.40
10	12	17	58.90	58.89	-46.73	-44.02
12	12	17	187.23	26.15	-97.28	131.79
-17	13	17	63.13	45.11	12.03	47.71
-15	13	17	24.46	45.93	-11.28	-23.58
-13	13	17	13.34	46.83	0.67	16.84
-11	13	17	59.53	45.87	12.73	45.96
-9	13	17	49.43	69.27	35.80	22.61
-7	13	17	58.76	44.06	8.00	-50.97
-5	13	17	18.26	44.77	11.93	11.52

-3	13	17	64.33	64.48	54.36	6.90
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3	13	17	49.03	43.72	39.04	-14.95
5	13	17	48.22	61.79	23.44	28.14
7	13	17	59.13	62.03	52.70	-13.48
9	13	17	97.93	48.94	88.35	-25.10
11	13	17	66.85	59.40	27.31	58.21
13	13	17	17.70	55.28	3.24	11.48
-14	14	17	206.79	15.00	-103.61	162.59
-12	14	17	92.37	30.69	-49.37	-63.18
-10	14	17	217.61	15.04	44.24	-200.95
-8	14	17	67.15	41.47	-19.98	-66.81
-6	14	17	73.33	36.88	52.24	24.75
-4	14	17	66.00	42.76	-19.66	-44.06
-2	14	17	50.82	43.75	-34.19	14.10
0	14	17	181.01	15.67	170.73	34.16
2	14	17	26.18	65.23	-25.61	15.46
4	14	17	41.34	63.34	-21.66	-28.06
6	14	17	103.73	51.55	31.64	-78.31
8	14	17	122.37	49.35	107.88	-17.56
10	14	17	55.71	58.60	-40.11	-46.26
12	14	17	158.96	31.46	-113.02	-69.94
-11	15	17	59.55	45.23	56.16	7.46
-9	15	17	23.17	44.36	-6.36	-20.75
-7	15	17	24.78	44.43	1.17	-18.19
-5	15	17	25.66	43.64	23.50	-8.82
-3	15	17	69.88	64.12	-22.31	63.80
-1	15	17	27.16	43.61	25.97	-10.44
1	15	17	40.85	66.14	-22.53	-14.15
3	15	17	64.85	39.07	-32.49	56.16
5	15	17	35.30	62.52	20.02	-32.85
7	15	17	39.20	62.41	-26.73	26.92
9	15	17	19.11	57.84	-6.32	-9.71
11	15	17	40.55	58.31	-31.41	18.11
-8	16	17	72.80	37.16	66.64	-33.03
-6	16	17	70.42	40.23	-60.01	21.17
-4	16	17	317.30	19.54	66.59	-284.86
-2	16	17	84.70	30.27	-84.10	19.07
0	16	17	64.41	41.51	-26.22	48.43
2	16	17	80.18	31.63	-64.17	21.70
4	16	17	166.78	38.68	-23.12	-147.85
6	16	17	91.35	61.51	-85.77	-23.07
8	16	17	5.02	60.24	13.25	-12.29
10	16	17	76.18	59.74	-51.97	30.69
-5	17	17	47.60	43.07	7.91	33.70
-3	17	17	41.15	43.97	10.78	-37.66
-1	17	17	33.68	42.75	14.81	31.34
-28	0	18	150.07	57.55	139.91	0.00
-24	0	18	79.38	74.83	69.18	0.00
-20	0	18	230.89	46.46	220.17	0.00
-16	0	18	337.11	29.98	306.15	0.00
-14	0	18	25.15	57.37	18.49	0.00
-12	0	18	271.49	23.68	246.09	0.00

-10	0	18	57.69	54.81	61.14	0.00
-8	0	18	115.48	31.61	101.75	0.00
-6	0	18	52.30	54.19	36.51	0.00
-4	0	18	312.52	27.32	289.47	0.00
-2	0	18	71.12	52.14	75.72	0.00
0	0	18	227.58	19.92	-234.56	0.00
2	0	18	21.11	48.85	-13.76	0.00
4	0	18	121.85	28.42	-111.61	0.00
-27	1	18	40.17	64.84	1.56	35.42
-25	1	18	61.49	64.26	-7.26	55.33
-23	1	18	19.82	62.54	-23.03	1.45
-21	1	18	89.67	76.86	-66.33	27.28
-19	1	18	15.27	46.21	-3.93	-12.37
-17	1	18	42.56	55.84	33.33	15.26
-15	1	18	74.11	61.57	-12.45	63.72
-13	1	18	69.80	58.84	-45.40	23.94
-11	1	18	72.68	41.83	-13.09	55.71
-9	1	18	95.12	30.97	78.79	25.51
-7	1	18	12.89	43.94	-9.79	-10.59
-5	1	18	65.50	43.19	-26.33	48.77
-3	1	18	15.72	43.27	-2.55	-3.86
-1	1	18	35.77	42.11	31.07	11.96
1	1	18	57.82	41.76	13.50	-37.13
3	1	18	49.52	40.61	-34.46	12.87
5	1	18	33.06	39.80	-9.74	25.87
7	1	18	114.65	29.12	6.59	-98.83
-28	2	18	27.69	64.72	-28.13	-10.65
-26	2	18	93.86	83.45	-78.99	30.34
-24	2	18	285.73	34.39	56.46	258.89
-22	2	18	46.82	42.93	4.19	-36.48
-20	2	18	149.67	18.89	-45.87	-134.45
-18	2	18	169.22	16.13	154.06	29.85
-16	2	18	73.86	56.01	9.99	-58.20
-14	2	18	65.78	53.94	45.76	-23.83
-12	2	18	270.88	19.86	-67.24	-236.13
-10	2	18	214.43	23.35	201.12	34.66
-8	2	18	253.88	15.81	23.13	235.10
-6	2	18	243.20	14.80	217.04	-90.04
-4	2	18	148.58	19.08	11.97	134.24
-2	2	18	62.64	47.56	63.69	-9.84
0	2	18	69.14	34.81	6.00	62.34
2	2	18	305.65	18.18	257.74	-98.63
4	2	18	91.62	39.82	-47.09	55.69
6	2	18	214.20	17.96	202.78	-36.19
8	2	18	86.93	39.63	11.91	78.54
-25	3	18	45.08	63.16	-19.01	39.37
-23	3	18	41.42	43.25	36.44	-12.94
-21	3	18	68.14	77.12	27.99	-49.42
-19	3	18	47.97	74.72	20.31	34.88
-17	3	18	67.84	39.94	-44.99	42.71
-15	3	18	92.77	67.73	35.30	-79.00
-13	3	18	51.87	53.36	-22.28	-39.37
-11	3	18	16.22	50.17	2.95	-3.21
-9	3	18	65.20	57.88	-48.27	36.69

-7	3	18	33.94	55.46	8.56	-30.02
-5	3	18	42.43	53.04	22.79	-30.92
-3	3	18	35.12	42.34	19.14	-7.46
-1	3	18	49.03	41.98	-28.27	-33.02
1	3	18	62.43	36.20	-48.74	-9.58
3	3	18	67.72	50.51	55.90	6.94
5	3	18	47.18	52.17	30.24	8.49
7	3	18	24.16	50.57	18.79	13.97
9	3	18	34.49	50.55	-21.32	18.25
-26	4	18	96.98	17.78	58.58	61.50
-24	4	18	17.44	41.91	7.04	-16.09
-22	4	18	60.14	40.71	21.49	51.67
-20	4	18	120.71	22.01	102.66	-42.09
-18	4	18	106.24	23.93	61.85	64.80
-16	4	18	77.13	36.90	70.47	-23.31
-14	4	18	174.98	26.69	-64.29	-146.71
-12	4	18	205.17	21.31	-189.68	73.52
-10	4	18	181.91	23.44	51.56	154.56
-8	4	18	51.29	48.14	-16.43	-66.19
-6	4	18	25.09	56.44	13.66	-37.02
-4	4	18	30.19	59.83	18.32	-19.18
-2	4	18	138.55	32.09	13.36	126.43
0	4	18	58.87	57.36	-5.85	-66.80
2	4	18	61.88	55.04	49.16	22.55
4	4	18	125.62	32.68	106.33	5.26
6	4	18	322.34	14.73	85.69	275.07
8	4	18	216.79	19.34	172.90	-102.29
10	4	18	98.71	34.45	70.76	45.79
-27	5	18	49.00	41.45	-3.46	43.41
-25	5	18	14.87	43.99	-0.40	-14.97
-23	5	18	10.96	41.24	3.19	5.32
-21	5	18	60.39	57.17	50.78	-4.65
-19	5	18	30.28	44.83	3.13	-24.99
-17	5	18	46.84	70.73	-40.44	3.81
-15	5	18	29.16	43.99	-15.04	10.90
-13	5	18	54.26	57.74	42.15	0.50
-11	5	18	10.55	53.02	0.69	8.16
-9	5	18	90.24	36.59	-31.81	71.08
-7	5	18	35.55	57.13	-11.78	-25.74
-5	5	18	50.41	54.99	2.53	-41.85
-3	5	18	40.48	56.05	10.54	41.36
-1	5	18	62.25	58.93	-40.08	28.33
1	5	18	56.09	56.81	-45.33	-7.09
3	5	18	132.14	36.14	44.33	-104.61
5	5	18	38.38	52.62	-37.84	2.97
7	5	18	33.87	54.14	30.97	9.28
9	5	18	110.90	32.37	-59.77	-78.41
11	5	18	97.47	40.53	-45.79	-64.59
-26	6	18	77.01	35.76	-60.17	34.59
-24	6	18	164.23	16.61	-103.57	-116.16
-22	6	18	142.75	19.06	122.11	-45.83
-20	6	18	136.48	19.69	101.34	73.99
-18	6	18	95.23	28.46	-78.24	17.91
-16	6	18	73.98	57.53	-57.36	16.46

-14	6	18	266.78	16.41	-217.37	112.92
-12	6	18	152.07	17.83	85.87	112.53
-10	6	18	117.22	32.37	69.44	-77.22
-8	6	18	203.52	24.89	-143.95	-122.44
-6	6	18	329.19	22.55	277.32	-138.03
-4	6	18	82.75	54.06	-2.84	-65.93
-2	6	18	109.97	46.89	83.91	-75.97
0	6	18	192.61	30.08	-92.11	-136.02
2	6	18	143.63	32.21	128.44	5.03
4	6	18	24.61	57.30	-37.87	16.91
6	6	18	494.67	15.09	391.59	-234.91
8	6	18	37.17	54.78	35.54	21.20
10	6	18	99.63	39.25	-75.27	33.39
-25	7	18	35.37	42.23	-24.07	-23.30
-23	7	18	15.61	59.02	-13.66	10.13
-21	7	18	51.23	42.68	44.94	30.65
-19	7	18	35.73	58.58	-0.15	-29.26
-17	7	18	34.91	44.57	9.96	-28.88
-15	7	18	3.66	68.75	-1.35	-4.44
-13	7	18	27.12	46.22	-9.30	27.51
-11	7	18	54.95	51.39	17.85	-50.30
-9	7	18	72.70	62.73	25.35	-55.77
-7	7	18	34.91	58.47	7.23	27.43
-5	7	18	73.84	59.10	51.78	39.47
-3	7	18	59.61	54.51	-44.84	-23.96
-1	7	18	31.39	58.74	26.82	0.40
1	7	18	29.18	61.25	15.11	3.13
3	7	18	107.06	43.15	51.07	82.21
5	7	18	30.06	57.69	22.88	4.02
7	7	18	60.40	54.22	29.47	32.57
9	7	18	116.77	36.19	90.73	38.75
-24	8	18	115.39	74.84	66.43	-80.07
-22	8	18	71.04	35.99	57.56	13.58
-20	8	18	155.59	18.54	95.61	-110.63
-18	8	18	173.33	16.89	-91.23	-134.89
-16	8	18	63.30	47.60	13.50	-65.42
-14	8	18	217.35	13.46	161.20	121.32
-12	8	18	123.90	24.35	-113.12	19.58
-10	8	18	72.43	63.65	-31.86	-60.64
-8	8	18	229.82	28.96	186.75	-88.24
-6	8	18	137.39	40.96	109.33	57.40
-4	8	18	50.42	59.61	12.77	-53.45
-2	8	18	158.86	33.49	-61.68	-139.54
0	8	18	306.37	22.39	-217.08	198.92
2	8	18	71.87	61.39	72.89	3.79
4	8	18	173.43	29.40	-153.81	44.46
6	8	18	339.49	16.79	-150.12	-280.83
8	8	18	226.28	27.38	158.49	-136.04
12	8	18	76.37	53.76	-61.19	-10.36
-21	9	18	63.72	41.31	-33.22	51.94
-19	9	18	22.49	43.70	-14.41	-13.79
-17	9	18	8.98	45.04	-7.57	-7.67
-15	9	18	77.51	36.07	46.29	54.27
-13	9	18	9.29	43.11	10.43	-3.86

-9	9	18	93.82	59.61	53.04	-64.10
-7	9	18	48.83	62.06	41.10	13.92
-5	9	18	25.94	63.87	16.25	15.32
-3	9	18	31.87	60.92	-21.84	-13.45
1	9	18	21.96	61.68	22.81	7.27
3	9	18	56.64	58.64	34.76	39.54
5	9	18	78.48	60.66	-41.15	-44.22
7	9	18	57.14	57.74	-2.75	-46.32
9	9	18	24.92	56.24	22.64	16.38
11	9	18	12.10	55.23	-2.04	5.89
-20	10	18	190.88	16.48	-164.49	-73.10
-18	10	18	220.26	13.66	132.19	-154.89
-16	10	18	114.50	23.81	108.10	12.66
-14	10	18	101.99	31.82	88.30	-39.59
-12	10	18	63.06	47.50	-66.58	8.12
-10	10	18	258.13	15.39	193.01	-132.00
-8	10	18	21.89	66.51	-9.77	-14.41
-6	10	18	263.92	15.99	178.34	-168.36
-4	10	18	73.06	58.27	-21.71	53.13
-2	10	18	118.74	42.44	-66.82	86.70
0	10	18	163.67	36.22	116.12	89.74
2	10	18	197.59	35.93	104.29	-145.33
4	10	18	274.74	22.95	-207.80	-129.70
6	10	18	201.43	27.09	150.56	-109.36
8	10	18	81.10	58.18	-70.09	-31.89
10	10	18	268.01	23.92	136.32	-214.00
12	10	18	90.44	47.33	3.57	74.25
-19	11	18	65.35	68.87	3.81	55.78
-17	11	18	79.74	34.63	40.37	62.51
-15	11	18	52.04	46.15	-23.31	-42.67
-13	11	18	60.25	50.68	-55.48	11.53
-11	11	18	62.62	45.06	-35.98	47.41
-9	11	18	64.73	44.71	48.33	41.36
-7	11	18	17.63	63.34	-11.90	-0.51
-5	11	18	38.40	46.80	-20.61	24.99
-3	11	18	30.09	45.73	21.46	2.83
-1	11	18	53.37	65.01	-15.20	52.32
1	11	18	47.94	63.67	12.54	39.32
3	11	18	25.74	61.19	-16.46	-19.86
5	11	18	48.74	60.62	2.75	42.98
7	11	18	85.43	61.73	75.82	14.63
9	11	18	79.96	57.22	-19.10	63.55
11	11	18	51.48	56.65	42.16	1.68
-16	12	18	56.98	45.46	21.56	-47.20
-14	12	18	58.17	47.77	-50.57	-2.16
-12	12	18	79.86	39.67	30.03	-59.35
-10	12	18	88.99	34.61	77.15	-19.76
-8	12	18	124.91	24.21	-89.15	62.11
-6	12	18	326.89	19.92	-248.88	-172.20
-4	12	18	136.55	24.65	29.41	-122.37
-2	12	18	239.56	14.67	192.42	99.58
0	12	18	187.49	17.14	-131.13	102.09
2	12	18	119.06	25.71	84.19	59.42
4	12	18	42.24	65.02	32.30	-20.96

6	12	18	57.45	60.26	48.92	24.30
8	12	18	54.86	59.80	-34.24	28.48
10	12	18	25.89	60.90	-15.87	-31.12
-13	13	18	35.73	48.27	24.73	-7.63
-11	13	18	28.62	71.45	6.42	-25.98
-9	13	18	42.85	45.38	21.60	35.78
-7	13	18	47.83	45.03	-37.19	-7.49
-5	13	18	40.40	44.78	13.84	-31.90
-3	13	18	65.68	65.69	46.63	41.71
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1	13	18	74.68	63.81	-66.43	-1.61
3	13	18	81.01	64.63	-10.30	-68.57
5	13	18	44.01	65.07	35.55	-12.35
7	13	18	19.39	62.54	-13.20	-6.77
9	13	18	87.75	55.88	-75.32	-24.84
11	13	18	80.75	59.59	-47.04	-44.63
13	13	18	20.35	57.67	3.96	-14.56
-10	14	18	47.70	45.24	18.76	-39.47
-8	14	18	216.90	18.10	-203.83	-13.00
-6	14	18	109.63	26.43	4.04	-99.97
-4	14	18	70.59	40.11	55.96	25.11
-2	14	18	238.10	14.60	45.83	-215.93
0	14	18	97.97	27.85	20.59	92.94
2	14	18	110.45	25.59	58.57	-74.18
4	14	18	111.86	51.73	63.39	79.87
6	14	18	135.45	21.03	7.31	-124.42
10	14	18	85.66	59.69	-7.46	79.94
12	14	18	95.64	52.06	76.84	14.38
-7	15	18	38.35	46.61	-8.66	33.78
-5	15	18	30.91	45.20	27.44	-14.56
-3	15	18	28.87	67.91	-21.15	-0.51
-1	15	18	53.16	68.80	-45.79	-10.13
1	15	18	67.96	40.81	-47.32	37.68
3	15	18	75.33	65.23	72.28	-1.13
5	15	18	16.70	64.10	-14.04	-4.45
7	15	18	19.04	64.30	-3.74	8.18
-4	16	18	82.90	36.88	-15.07	77.36
-2	16	18	87.22	34.67	-76.80	-28.79
0	16	18	105.16	27.66	-4.32	-91.86
2	16	18	89.61	28.50	47.49	-63.84
-20	0	19	225.88	19.72	-212.13	0.00
-14	0	19	58.07	57.33	56.90	0.00
-12	0	19	324.55	28.40	-299.13	0.00
-10	0	19	57.31	52.25	-46.28	0.00
-8	0	19	73.08	55.90	66.04	0.00
-6	0	19	85.29	49.40	59.62	0.00
-4	0	19	156.21	27.06	146.63	0.00
-2	0	19	47.36	53.50	-28.43	0.00
0	0	19	704.38	62.03	-644.24	0.00
4	0	19	82.28	44.61	-68.89	0.00
6	0	19	46.47	48.50	-15.76	0.00
-27	1	19	25.46	82.96	20.92	-1.32
-17	1	19	81.16	61.65	-67.67	15.48
-15	1	19	57.55	59.65	15.30	52.32

-13	1	19	84.80	54.96	50.41	-45.57
-11	1	19	79.80	58.66	-50.96	-52.61
-9	1	19	18.06	46.03	16.14	-6.97
-7	1	19	14.20	46.16	-1.28	-4.89
-5	1	19	94.26	31.30	23.81	-77.59
-3	1	19	92.46	32.51	-40.93	-70.47
-1	1	19	44.59	44.01	30.88	-10.01
1	1	19	49.65	42.50	21.93	-26.14
3	1	19	107.84	23.49	-4.82	-90.58
5	1	19	84.13	40.82	17.14	-67.78
7	1	19	8.53	49.31	6.51	10.66
-24	2	19	137.63	65.91	-28.35	123.01
-22	2	19	235.81	14.61	214.61	-4.52
-20	2	19	115.45	22.80	-43.26	-101.24
-18	2	19	44.02	45.22	-44.35	-7.45
-16	2	19	51.10	63.48	-6.28	46.16
-14	2	19	143.93	36.99	-137.06	5.25
-12	2	19	283.11	19.59	-85.38	-250.64
-10	2	19	433.45	17.98	388.03	-88.88
-8	2	19	48.02	53.48	-20.26	-28.38
-6	2	19	23.74	45.35	-13.70	-22.98
-4	2	19	36.87	45.18	-16.58	-30.35
-2	2	19	272.15	15.84	-246.87	58.42
0	2	19	290.96	17.74	33.98	265.05
2	2	19	43.28	41.48	42.96	-9.85
4	2	19	118.41	36.02	-30.60	-122.69
6	2	19	47.94	50.80	-31.76	32.69
8	2	19	41.51	50.76	19.98	-38.52
-25	3	19	70.76	81.20	38.38	-50.61
-23	3	19	55.10	42.32	-33.70	38.25
-21	3	19	8.98	59.01	-14.46	-3.86
-19	3	19	16.00	73.16	5.10	11.03
-17	3	19	25.22	46.98	16.11	12.01
-15	3	19	29.34	63.62	6.92	22.19
-13	3	19	18.35	60.89	-22.31	-13.85
-11	3	19	43.30	59.79	-17.09	26.73
-9	3	19	55.07	60.64	48.42	23.47
-7	3	19	83.76	50.93	1.77	68.38
-5	3	19	41.52	57.16	-36.04	4.57
-3	3	19	33.23	57.82	15.56	16.80
-1	3	19	98.62	26.15	4.67	83.55
1	3	19	85.48	28.58	7.55	72.56
3	3	19	42.80	54.24	33.27	-21.42
5	3	19	64.56	51.90	-25.59	49.45
7	3	19	81.24	45.25	8.22	65.06
9	3	19	59.05	52.91	-36.51	30.48
-24	4	19	127.75	20.45	-93.49	74.49
-22	4	19	55.38	43.12	-1.86	-50.80
-20	4	19	70.31	39.77	-61.45	25.48
-18	4	19	86.63	33.11	29.35	-72.33
-16	4	19	81.59	35.18	-29.03	55.93
-14	4	19	97.40	45.44	5.17	88.44
-12	4	19	337.67	24.25	-297.46	106.89
-10	4	19	177.61	29.53	-21.79	-155.61

-8	4	19	211.13	30.64	-161.69	109.37
-6	4	19	229.13	23.08	-93.43	-172.73
-4	4	19	398.15	16.95	-355.21	109.16
-2	4	19	103.88	47.37	61.33	70.49
0	4	19	84.16	53.23	-54.12	54.15
2	4	19	62.71	56.62	-45.30	33.77
4	4	19	103.84	41.55	93.43	-2.19
6	4	19	53.75	52.68	-2.10	-33.36
8	4	19	556.59	13.93	484.44	-145.44
-23	5	19	38.40	44.61	-36.32	11.47
-21	5	19	40.29	59.75	17.63	26.33
-19	5	19	37.42	59.29	20.87	26.92
-17	5	19	101.57	47.95	78.12	-34.44
-15	5	19	15.28	57.92	-11.02	-4.76
-13	5	19	28.85	53.95	12.29	22.76
-11	5	19	65.86	50.41	22.30	-44.29
-9	5	19	51.36	60.62	30.97	-20.80
-7	5	19	78.32	61.30	-43.85	-52.31
-5	5	19	42.74	57.84	-23.27	24.99
-3	5	19	61.78	60.82	45.60	2.55
-1	5	19	84.44	59.84	0.93	-67.72
1	5	19	89.97	53.37	-61.28	-43.54
3	5	19	20.39	55.67	5.56	-20.86
5	5	19	46.51	57.38	16.48	40.83
7	5	19	56.58	55.15	-17.04	-42.46
-24	6	19	104.39	49.26	-33.29	-86.64
-22	6	19	219.95	14.67	172.41	-108.39
-20	6	19	40.87	46.48	9.59	42.02
-18	6	19	51.59	43.68	-44.06	27.69
-16	6	19	196.49	13.83	63.61	171.74
-14	6	19	21.94	44.37	-15.93	14.02
-12	6	19	271.72	16.73	82.74	237.19
-10	6	19	63.01	62.33	61.18	2.05
-8	6	19	67.39	63.23	-72.56	-30.88
-6	6	19	63.94	59.44	-53.64	35.16
-4	6	19	112.02	44.65	63.25	84.99
-2	6	19	218.69	31.81	-185.08	106.18
0	6	19	97.17	54.87	-37.27	85.90
2	6	19	419.55	19.54	316.00	-214.43
4	6	19	59.87	57.74	17.01	59.38
6	6	19	197.98	33.20	-161.59	83.98
8	6	19	100.44	45.20	44.19	81.39
10	6	19	128.59	31.56	-110.92	64.87
-23	7	19	31.67	62.44	-26.35	4.98
-21	7	19	49.96	44.84	-0.19	-44.20
-17	7	19	72.92	70.82	-69.16	7.71
-15	7	19	37.51	67.89	-24.02	-22.05
-13	7	19	35.87	43.51	-9.71	-27.56
-11	7	19	35.49	47.47	-12.84	31.92
-9	7	19	7.39	62.74	-2.41	-3.85
-7	7	19	57.04	62.16	0.55	50.43
-5	7	19	43.26	58.27	-10.77	29.85
-1	7	19	32.77	61.07	-15.78	-24.50
1	7	19	52.37	60.46	-27.61	40.54

3	7	19	96.02	54.98	43.46	73.37
5	7	19	33.16	58.43	2.96	-33.17
7	7	19	37.82	54.76	-30.37	20.11
9	7	19	43.81	57.03	24.83	25.39
11	7	19	79.03	53.27	-38.63	52.06
-22	8	19	47.84	76.30	-39.80	-28.40
-20	8	19	188.39	17.71	-101.71	136.63
-18	8	19	78.75	39.58	35.80	60.90
-16	8	19	192.56	15.13	-146.77	105.51
-14	8	19	65.14	61.42	28.37	46.99
-12	8	19	168.31	20.00	-56.57	142.97
-10	8	19	112.65	54.21	48.56	86.20
-8	8	19	183.05	41.67	-115.03	122.66
-6	8	19	114.98	49.32	58.86	79.67
-4	8	19	184.41	29.63	159.18	-32.98
-2	8	19	109.08	49.47	17.70	95.11
0	8	19	236.04	29.45	-159.63	165.01
2	8	19	30.36	62.77	5.69	30.27
4	8	19	32.94	62.56	-14.82	25.53
6	8	19	199.52	26.01	-124.86	-122.02
8	8	19	286.71	18.93	-202.41	166.76
10	8	19	113.83	46.32	80.46	59.17
12	8	19	39.34	55.94	31.88	0.53
-21	9	19	37.56	74.05	27.37	1.37
-19	9	19	39.95	45.59	-32.68	-14.23
-17	9	19	43.11	45.25	-32.02	24.48
-15	9	19	19.05	64.76	10.28	0.72
-13	9	19	59.81	67.73	-13.68	-47.52
-11	9	19	61.62	65.51	-30.37	39.43
-9	9	19	36.40	66.43	-30.37	-20.09
-7	9	19	38.34	47.54	14.63	34.60
-5	9	19	92.39	61.16	13.04	-77.90
-3	9	19	83.90	63.38	-71.30	-20.43
-1	9	19	37.12	65.30	-31.29	-13.53
1	9	19	39.57	64.35	-4.83	-32.52
3	9	19	59.62	63.02	-16.07	-40.29
5	9	19	35.86	59.12	-26.62	-19.93
7	9	19	25.45	57.76	-23.00	-5.86
9	9	19	35.00	58.46	32.50	7.41
11	9	19	21.48	57.22	-16.02	-1.39
-18	10	19	55.21	67.33	-47.51	33.16
-16	10	19	21.75	47.61	2.94	24.97
-14	10	19	54.16	46.53	-39.96	33.96
-10	10	19	314.64	19.11	145.65	-247.74
-8	10	19	72.79	42.99	61.72	29.82
-6	10	19	215.01	16.22	-137.75	138.92
-4	10	19	236.31	15.66	163.34	149.38
-2	10	19	124.08	49.49	-108.61	49.19
0	10	19	12.91	64.59	14.18	-16.29
2	10	19	152.47	40.15	-55.28	126.90
4	10	19	18.01	62.31	13.45	0.80
6	10	19	220.71	25.79	-154.16	113.87
8	10	19	62.37	59.85	59.80	-9.95
10	10	19	430.39	18.53	-260.47	296.90

12	10	19	89.63	48.66	43.59	66.47
-15	11	19	52.73	49.48	-30.65	-29.88
-13	11	19	27.21	47.00	3.87	28.16
-11	11	19	33.65	70.57	-28.56	12.06
-9	11	19	43.58	67.29	46.34	-15.38
-7	11	19	58.74	66.64	12.87	-52.72
-5	11	19	24.64	62.47	-16.27	21.56
-3	11	19	35.68	46.99	24.43	12.48
-1	11	19	15.31	66.80	-7.73	0.81
1	11	19	51.85	65.50	20.73	-38.87
3	11	19	20.47	64.40	12.56	-6.99
5	11	19	64.37	63.83	53.13	-0.32
9	11	19	31.69	57.67	-25.90	-11.50
11	11	19	80.31	57.91	6.10	-64.76
-12	12	19	207.48	19.24	-82.46	177.32
-10	12	19	42.19	67.37	-44.83	-5.00
-8	12	19	70.43	42.22	2.86	51.42
-6	12	19	47.39	64.72	-22.46	-41.62
-4	12	19	204.96	15.21	-110.57	152.11
-2	12	19	21.74	65.63	19.96	-9.44
0	12	19	151.49	19.84	-12.50	130.09
2	12	19	48.27	63.75	-49.01	-0.27
4	12	19	84.40	63.61	25.63	60.22
6	12	19	166.13	33.30	110.52	92.87
8	12	19	164.25	36.64	102.99	-113.56
10	12	19	87.47	60.48	13.83	65.17
12	12	19	183.48	28.38	-78.70	152.70
-9	13	19	40.83	71.06	25.08	-20.31
-7	13	19	47.31	64.70	-32.89	-26.03
-5	13	19	50.90	44.77	-16.90	37.25
-3	13	19	28.60	66.00	-0.97	-15.56
-1	13	19	34.54	66.97	-25.07	-11.26
1	13	19	35.58	45.51	-22.90	15.22
3	13	19	23.22	66.64	-21.92	-9.06
5	13	19	31.59	45.05	16.35	33.26
7	13	19	56.71	45.11	13.29	-46.22
9	13	19	50.40	60.00	-38.06	-24.07
-4	14	19	59.48	45.48	-27.81	-41.74
-2	14	19	210.60	15.86	-36.98	192.66
0	14	19	64.74	69.38	58.98	9.35
2	14	19	140.69	20.58	12.37	-125.98
4	14	19	62.23	45.76	-44.56	-34.77
-1	15	19	54.94	48.28	49.37	0.04
1	15	19	57.31	45.84	12.82	47.89
-18	0	20	19.47	49.91	10.46	0.00
-10	0	20	28.62	57.94	10.61	0.00
-8	0	20	377.99	33.29	335.88	0.00
-6	0	20	5.24	55.97	-2.43	0.00
-4	0	20	103.00	40.58	93.35	0.00
-2	0	20	26.21	53.39	-13.85	0.00
0	0	20	674.95	59.04	600.73	0.00
2	0	20	10.97	51.83	-38.23	0.00
4	0	20	9.41	50.35	8.73	0.00
-21	1	20	22.69	45.31	-22.42	2.41

-19	1	20	66.41	48.31	40.96	-42.90
-15	1	20	64.61	59.31	-24.46	-44.40
-13	1	20	23.97	58.72	3.47	-17.88
-11	1	20	12.59	57.42	2.52	-9.07
-9	1	20	44.33	57.65	-32.94	3.86
-7	1	20	71.77	45.34	-29.81	-48.36
-5	1	20	37.76	46.87	17.12	-25.49
-3	1	20	26.86	46.21	6.58	-19.97
-1	1	20	67.26	40.82	-29.83	48.26
1	1	20	46.18	43.18	-31.30	-16.17
3	1	20	13.77	42.49	12.36	-7.89
5	1	20	41.71	50.59	5.70	37.14
-20	2	20	139.37	22.75	46.25	119.78
-18	2	20	191.73	16.91	-164.85	61.73
-16	2	20	17.45	62.50	-12.40	-17.22
-14	2	20	110.30	48.93	84.67	52.66
-12	2	20	228.13	25.05	-9.86	-206.74
-10	2	20	48.16	59.34	-28.10	-8.09
-8	2	20	80.42	61.71	19.98	66.38
-6	2	20	313.50	25.19	-283.00	31.53
-4	2	20	64.88	58.19	31.84	-51.13
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0	2	20	196.12	15.27	35.45	176.18
2	2	20	18.47	42.72	16.80	-13.66
4	2	20	77.61	54.02	6.84	-69.97
6	2	20	313.14	17.06	-273.42	80.41
-23	3	20	41.34	46.22	8.41	34.79
-21	3	20	18.98	68.52	18.53	7.04
-19	3	20	59.68	65.58	22.14	43.99
-17	3	20	50.25	46.46	-9.30	38.09
-15	3	20	46.26	62.08	38.78	1.81
-13	3	20	39.46	61.84	-3.24	31.99
-11	3	20	88.98	59.84	11.88	66.13
-9	3	20	63.40	59.54	-7.16	46.60
-7	3	20	76.46	61.96	61.92	19.19
-5	3	20	46.43	61.30	-36.17	4.15
-3	3	20	9.38	59.37	6.26	-9.92
-1	3	20	18.70	57.52	8.16	-16.02
1	3	20	55.05	56.99	46.41	0.05
5	3	20	46.36	53.93	-3.96	-46.19
7	3	20	16.88	54.04	2.63	-14.61
-24	4	20	162.61	35.89	-151.31	24.60
-22	4	20	157.03	17.63	76.28	116.50
-20	4	20	59.39	73.27	56.25	1.14
-18	4	20	36.66	47.69	-16.70	25.67
-16	4	20	51.46	47.03	-39.96	19.27
-14	4	20	47.70	63.42	19.00	29.99
-12	4	20	248.21	23.75	212.68	-63.24
-10	4	20	44.42	61.74	-55.95	-2.12
-8	4	20	23.57	58.74	-24.77	-19.70
-6	4	20	169.30	34.01	49.86	145.73
-4	4	20	108.21	60.92	44.01	-74.54
-2	4	20	141.23	37.76	-109.21	-80.35
0	4	20	363.09	20.02	-308.62	89.53

2	4	20	114.91	43.20	38.35	98.18
4	4	20	383.33	16.18	311.40	-141.81
6	4	20	153.06	30.19	11.00	125.01
8	4	20	47.61	56.95	-1.73	24.67
-23	5	20	29.60	70.92	3.61	-23.65
-21	5	20	33.77	74.77	-7.96	-17.32
-19	5	20	90.92	30.02	-52.02	-55.53
-17	5	20	83.30	36.03	-23.01	-64.54
-15	5	20	7.69	46.36	3.21	5.23
-13	5	20	26.21	47.12	17.22	-14.94
-11	5	20	124.87	47.12	-71.64	-77.63
-9	5	20	26.38	62.26	10.18	-21.69
-7	5	20	64.40	59.08	14.94	-46.14
-5	5	20	55.10	62.79	-40.42	25.62
-3	5	20	83.27	62.72	-4.47	-71.45
-1	5	20	38.37	63.37	-18.53	-23.49
1	5	20	30.12	60.80	13.74	22.62
3	5	20	32.85	59.27	-3.69	30.45
5	5	20	16.42	56.18	-3.69	-3.68
7	5	20	37.46	54.63	31.11	-12.44
9	5	20	44.19	54.52	-35.21	-4.50
-22	6	20	72.66	75.94	57.36	-31.84
-20	6	20	10.03	74.69	-5.22	-11.30
-18	6	20	109.21	25.22	-94.43	28.93
-16	6	20	72.06	57.53	38.09	-51.37
-14	6	20	166.93	17.05	-133.66	43.51
-12	6	20	114.97	28.23	29.80	96.88
-10	6	20	37.83	64.31	-14.42	24.04
-8	6	20	53.44	61.11	36.12	-29.81
-6	6	20	332.74	22.22	-242.11	177.09
-4	6	20	115.65	49.85	49.19	87.70
-2	6	20	219.78	24.77	-127.36	135.61
0	6	20	334.27	19.92	-112.27	-277.54
2	6	20	89.23	63.18	-35.95	81.27
4	6	20	78.65	60.79	28.31	63.80
6	6	20	172.93	33.84	-147.53	70.36
8	6	20	48.94	57.97	-9.33	-34.05
10	6	20	39.29	54.28	-5.79	-30.05
-21	7	20	60.67	76.24	12.10	44.11
-19	7	20	34.92	45.02	22.03	14.78
-17	7	20	46.70	67.88	27.90	24.65
-15	7	20	6.50	46.53	2.02	-4.13
-13	7	20	35.07	47.97	18.05	12.82
-11	7	20	88.13	36.32	70.64	28.27
-9	7	20	30.27	64.53	24.18	7.69
-7	7	20	39.65	64.10	18.78	18.81
-5	7	20	34.24	61.82	14.08	12.11
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1	7	20	38.70	61.69	-40.48	-4.21
3	7	20	51.04	58.73	16.79	34.26
5	7	20	43.40	58.09	31.66	-20.09
7	7	20	19.83	57.08	-20.26	-17.96
9	7	20	56.18	57.90	-31.82	-39.60

-20	8	20	42.45	74.93	-0.59	-49.42
-18	8	20	51.95	67.30	47.70	18.94
-16	8	20	21.21	44.29	-20.62	-1.53
-14	8	20	64.24	70.63	-50.70	-20.80
-12	8	20	256.42	15.74	-204.77	108.34
-10	8	20	144.43	23.96	108.77	76.08
-8	8	20	279.11	27.15	197.87	-150.79
-6	8	20	43.14	65.83	-35.88	-17.86
-2	8	20	250.40	26.17	151.95	168.61
0	8	20	168.38	32.21	117.83	-102.40
2	8	20	138.16	38.99	-103.20	-76.54
4	8	20	53.36	57.50	34.87	-35.40
6	8	20	51.36	58.09	44.80	-21.01
8	8	20	123.89	43.10	17.94	-97.65
10	8	20	150.46	33.16	-127.77	-57.94
-17	9	20	33.70	67.05	-14.46	-9.39
-13	9	20	28.74	47.06	-16.88	-13.38
-11	9	20	40.69	48.32	-0.92	-26.42
-9	9	20	14.47	48.04	2.52	-6.42
-7	9	20	74.80	42.70	-42.45	-37.60
-5	9	20	55.77	64.19	-35.62	-34.40
-3	9	20	46.16	66.07	21.25	43.44
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1	9	20	48.45	62.09	-33.62	-19.60
3	9	20	45.60	61.10	41.52	1.17
5	9	20	26.99	59.73	11.83	27.03
7	9	20	50.77	60.01	6.17	50.46
11	9	20	6.73	57.77	7.13	9.05
-14	10	20	58.35	47.36	49.94	-21.13
-12	10	20	153.93	20.47	-84.50	-110.02
-10	10	20	95.50	34.51	85.73	13.34
-8	10	20	48.25	47.81	-3.15	28.49
-6	10	20	60.69	48.62	-36.58	48.81
-4	10	20	50.57	47.78	41.54	4.57
-2	10	20	41.68	66.94	-17.43	29.34
0	10	20	176.25	40.10	107.53	116.33
2	10	20	48.21	66.10	-12.53	39.87
4	10	20	173.68	36.04	-86.98	-118.59
6	10	20	96.23	63.60	-4.17	91.79
8	10	20	19.33	61.88	21.33	-0.43
-11	11	20	53.16	68.68	-10.67	39.68
-9	11	20	68.04	45.08	18.96	45.68
-7	11	20	46.74	48.17	11.13	34.24
-5	11	20	47.55	47.03	14.16	32.08
-3	11	20	34.24	47.96	-33.80	-6.58
1	11	20	67.64	65.64	63.12	-5.81
3	11	20	44.75	62.90	-36.05	22.80
5	11	20	27.53	61.55	-18.33	13.67
7	11	20	28.39	60.32	-27.59	3.58
9	11	20	41.47	59.85	0.32	37.60
11	11	20	20.73	59.25	-4.69	-24.96
-8	12	20	54.16	70.31	-6.00	-54.01
-6	12	20	34.34	63.70	27.20	-28.52
-4	12	20	87.22	36.17	-7.10	-79.35

-2	12	20	60.96	51.07	-52.46	12.93
0	12	20	132.46	24.52	-102.63	54.64
2	12	20	180.95	19.92	162.55	34.33
4	12	20	78.85	66.65	28.35	-68.01
6	12	20	54.48	67.40	-50.55	-9.33
-3	13	20	70.40	46.95	-56.58	-21.06
1	13	20	3.23	49.32	2.68	11.99
5	13	20	30.68	49.11	-10.08	-17.95
7	13	20	9.98	48.17	-1.33	11.13
2	14	20	41.14	48.44	38.28	1.87
4	14	20	95.50	34.72	37.61	59.00
-18	0	21	15.34	50.69	6.91	0.00
-8	0	21	59.64	59.97	67.14	0.00
-6	0	21	21.34	56.55	-11.30	0.00
-4	0	21	214.84	25.33	197.84	0.00
-2	0	21	61.55	55.21	38.22	0.00
0	0	21	155.44	41.01	-120.42	0.00
2	0	21	54.39	52.09	47.16	0.00
4	0	21	176.85	22.87	159.03	0.00
-19	1	21	7.69	48.37	-7.10	6.88
-17	1	21	39.96	49.42	-19.91	-25.94
-11	1	21	1.43	58.77	1.49	-2.72
-9	1	21	18.49	59.63	12.53	-12.52
-7	1	21	67.45	59.40	2.60	53.43
-5	1	21	78.85	58.77	26.91	65.59
-3	1	21	67.73	46.10	3.63	56.36
-1	1	21	31.09	45.34	20.51	-3.32
1	1	21	53.42	55.25	-43.88	15.94
3	1	21	71.08	39.02	40.62	49.78
5	1	21	34.72	52.93	28.16	15.34
-20	2	21	154.12	21.15	26.38	135.12
-18	2	21	52.07	48.70	-35.12	31.93
-16	2	21	19.51	63.00	22.47	-15.11
-14	2	21	24.50	60.86	3.29	-22.31
-12	2	21	18.62	58.32	-0.97	16.39
-10	2	21	237.67	24.21	212.95	38.69
-8	2	21	385.16	19.54	-36.82	-335.32
-6	2	21	119.71	47.54	103.58	-6.35
-4	2	21	96.24	60.44	29.43	72.73
-2	2	21	70.12	59.51	54.40	-22.60
0	2	21	113.31	26.87	-25.30	-91.82
2	2	21	278.10	20.28	216.80	-86.13
4	2	21	169.76	28.07	41.28	139.40
6	2	21	158.30	28.52	91.68	-98.55
-19	3	21	22.88	45.03	5.60	-17.53
-17	3	21	19.18	46.01	-6.63	-16.73
-15	3	21	18.51	62.34	-15.73	-6.01
-13	3	21	17.97	61.68	1.11	-12.17
-11	3	21	22.64	59.58	-4.90	23.49
-9	3	21	48.21	61.28	4.88	-44.88
-7	3	21	34.62	63.54	-27.06	-14.38
-5	3	21	36.13	60.71	-29.84	5.62
-3	3	21	30.47	60.83	-1.14	-25.57
-1	3	21	51.94	60.16	-18.40	-42.13

1	3	21	40.82	58.22	-7.55	-34.42
3	3	21	8.20	56.58	-5.80	-0.80
5	3	21	23.28	56.96	-13.73	-0.68
7	3	21	100.38	45.44	15.16	-91.41
-20	4	21	33.97	68.86	35.91	-13.56
-18	4	21	29.11	66.03	24.70	20.82
-16	4	21	211.09	17.15	175.06	-74.24
-14	4	21	56.77	47.21	34.73	22.40
-12	4	21	62.23	61.49	36.97	27.88
-10	4	21	81.73	59.61	-0.69	-68.57
-8	4	21	298.13	24.69	258.66	-87.01
-6	4	21	186.34	34.52	-38.31	-155.31
-4	4	21	18.85	61.19	3.94	5.03
-2	4	21	19.13	60.68	-3.12	-3.81
0	4	21	59.66	61.79	4.91	-43.71
2	4	21	48.13	59.24	-5.54	-36.70
4	4	21	54.01	56.75	56.65	-31.01
6	4	21	127.66	37.57	-36.91	-93.00
8	4	21	177.66	26.42	147.30	-55.03
-19	5	21	70.99	67.99	21.52	57.11
-17	5	21	57.54	45.59	46.92	14.27
-15	5	21	25.51	47.43	11.06	19.65
-13	5	21	31.09	47.78	26.67	-6.36
-11	5	21	18.46	62.03	-3.05	15.50
-9	5	21	89.53	59.30	42.31	64.53
-7	5	21	40.54	61.74	29.70	17.77
-5	5	21	33.15	64.39	8.90	23.21
-3	5	21	55.84	64.43	-0.56	50.11
-1	5	21	100.53	54.97	58.23	67.25
1	5	21	69.29	62.53	47.55	35.92
3	5	21	15.22	60.34	1.65	12.92
7	5	21	54.05	57.00	34.37	36.16
9	5	21	37.15	57.27	28.82	3.09
-16	6	21	143.58	22.27	42.44	114.48
-14	6	21	102.49	33.26	80.08	-35.58
-12	6	21	14.53	49.05	11.01	-6.90
-10	6	21	114.22	50.44	37.92	-90.78
-8	6	21	196.19	28.82	78.24	150.78
-6	6	21	105.42	58.54	-86.09	15.79
-4	6	21	34.38	65.58	2.92	-34.97
-2	6	21	210.12	36.09	149.14	-98.74
0	6	21	116.11	49.81	26.94	90.14
2	6	21	248.50	25.47	204.02	-74.83
4	6	21	150.97	35.89	-73.90	-105.61
6	6	21	142.44	35.86	116.76	-37.17
8	6	21	131.65	33.09	49.00	95.72
-19	7	21	11.74	67.74	-4.42	-12.25
-17	7	21	63.07	71.35	-51.76	18.47
-15	7	21	35.76	47.29	-0.04	-30.98
-13	7	21	44.07	51.09	-22.55	-33.73
-11	7	21	57.99	49.67	-43.58	13.62
-9	7	21	27.40	66.35	-18.89	-11.82
-7	7	21	52.72	61.60	10.40	-40.73
-5	7	21	100.80	63.72	-61.79	-62.47

-3	7	21	42.69	63.50	-30.84	-11.47
-1	7	21	64.99	63.52	-37.05	-28.50
1	7	21	28.81	63.36	-18.65	-11.19
3	7	21	30.91	61.73	7.60	-28.82
5	7	21	67.88	61.01	-53.69	-9.38
7	7	21	5.53	59.22	5.46	8.42
9	7	21	18.80	57.49	-15.49	-8.55
-14	8	21	27.66	66.12	11.60	19.23
-12	8	21	136.58	26.56	58.10	-106.15
-10	8	21	36.79	48.85	-24.55	-23.77
-8	8	21	32.27	48.73	-20.07	-0.74
-6	8	21	104.69	56.44	65.85	66.56
-4	8	21	124.90	55.41	64.11	-89.71
-2	8	21	141.89	39.57	68.45	105.18
0	8	21	117.19	50.76	93.51	-4.74
2	8	21	47.16	63.61	37.57	16.58
4	8	21	92.55	62.27	75.81	-35.34
8	8	21	30.56	60.36	-14.17	-2.32
10	8	21	72.18	58.50	-28.47	-50.58
-11	9	21	15.40	47.35	8.32	-5.37
-9	9	21	24.31	48.68	-16.07	-7.96
-7	9	21	91.15	35.59	42.93	60.48
-5	9	21	47.84	68.17	38.95	1.14
-3	9	21	28.93	68.00	17.46	13.57
-1	9	21	28.74	63.91	21.69	-13.10
3	9	21	41.46	62.83	29.88	14.55
5	9	21	58.83	61.86	45.85	20.73
9	9	21	41.08	58.66	-24.35	17.68
11	9	21	34.67	58.74	8.68	26.62
-8	10	21	63.51	48.54	10.15	-55.59
-6	10	21	49.75	50.09	-5.77	-45.45
-4	10	21	106.86	33.60	62.87	63.27
-2	10	21	23.36	69.57	1.83	-15.96
0	10	21	85.63	68.56	-45.20	-53.62
2	10	21	187.08	34.68	49.93	-146.88
4	10	21	73.51	61.93	45.31	31.80
6	10	21	121.30	42.45	-91.09	28.69
8	10	21	39.78	60.14	20.40	-32.78
-5	11	21	40.27	51.72	-28.35	-7.89
-3	11	21	51.33	48.69	-22.84	-38.29
-1	11	21	27.05	49.69	-20.32	-11.95
1	11	21	37.25	68.62	-22.41	-21.00
3	11	21	14.52	67.60	-4.05	-3.61
0	12	21	53.88	52.57	-56.25	11.64
2	12	21	113.52	32.42	-77.56	-48.82
-18	0	22	79.32	43.67	-80.24	0.00
-4	0	22	5.17	55.65	3.62	0.00
-2	0	22	40.07	54.13	-57.10	0.00
0	0	22	307.38	26.94	257.27	0.00
-17	1	22	74.19	51.43	-1.58	60.46
-9	1	22	36.79	59.90	-12.87	26.52
-7	1	22	38.61	59.63	3.00	34.82
-5	1	22	30.08	57.30	-18.05	-18.58
-1	1	22	35.84	55.38	28.47	6.02

1	1	22	22.44	44.52	-13.67	-0.35
-16	2	22	172.39	23.82	12.69	145.74
-12	2	22	126.01	47.78	-28.60	-103.97
-10	2	22	91.84	62.94	81.68	6.27
-8	2	22	102.73	59.67	36.03	74.19
-6	2	22	202.13	29.18	-182.70	12.18
-4	2	22	180.29	31.39	-28.92	-146.34
-2	2	22	222.07	26.40	185.16	29.11
0	2	22	53.64	56.19	8.12	48.40
2	2	22	83.13	51.47	75.33	-19.44
-15	3	22	28.37	48.08	3.46	-18.81
-13	3	22	55.17	61.45	15.20	-39.39
-11	3	22	1.53	62.12	3.18	-4.26
-9	3	22	37.89	63.55	-5.77	29.51
-7	3	22	48.87	62.98	30.80	-12.22
-5	3	22	32.59	61.63	-14.03	-22.10
-3	3	22	9.70	60.53	7.28	4.33
-1	3	22	52.47	58.58	18.24	42.17
1	3	22	43.51	56.97	28.92	9.24
-18	4	22	74.99	66.50	58.07	36.25
-16	4	22	97.11	68.20	-73.49	43.86
-14	4	22	40.74	48.48	-38.52	30.52
-12	4	22	35.03	62.46	19.64	-21.77
-10	4	22	118.72	48.66	63.65	72.87
-8	4	22	28.41	64.82	25.56	-7.54
-6	4	22	112.94	52.33	-9.81	102.10
-4	4	22	191.01	31.43	-169.09	51.04
-2	4	22	8.19	60.66	7.55	-2.62
0	4	22	205.31	29.52	-170.13	51.40
2	4	22	109.72	45.40	-76.39	-61.64
4	4	22	104.92	54.77	89.80	-42.32
6	4	22	173.82	29.36	38.74	134.26
-17	5	22	43.52	65.37	-18.03	-29.72
-15	5	22	32.00	66.01	-18.77	27.28
-13	5	22	53.58	48.22	46.61	9.78
-11	5	22	21.37	62.33	-4.76	8.36
-9	5	22	26.79	63.65	8.41	-22.04
-5	5	22	8.02	63.67	6.36	7.05
-3	5	22	43.70	63.82	-4.83	-34.72
1	5	22	32.53	61.37	-6.07	-24.86
3	5	22	34.53	58.17	-15.80	-24.05
5	5	22	20.73	59.32	-10.30	-3.14
7	5	22	34.10	57.58	-24.29	-5.59
-14	6	22	149.21	44.19	130.96	-39.32
-12	6	22	24.49	48.50	15.35	-21.15
-10	6	22	25.06	63.42	-15.33	13.14
-8	6	22	42.09	67.11	5.31	35.09
-6	6	22	131.35	46.07	-102.03	65.53
-4	6	22	138.46	44.06	67.95	89.02
-2	6	22	120.31	45.63	-95.13	29.26
0	6	22	221.22	29.01	-100.41	-162.60
2	6	22	40.10	62.21	36.88	-3.80
6	6	22	139.82	38.74	-115.30	41.13
-13	7	22	50.65	68.37	38.11	7.94

-11	7	22	47.16	64.79	22.65	-23.81
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-7	7	22	12.48	66.57	11.30	-8.14
-5	7	22	33.56	68.58	18.68	6.89
-3	7	22	22.26	63.98	9.11	-7.23
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1	7	22	25.99	64.70	23.26	7.93
3	7	22	60.64	61.93	45.68	5.82
5	7	22	28.44	58.82	17.67	3.72
9	7	22	36.61	57.42	34.52	-3.66
-8	8	22	120.11	35.07	44.46	-100.02
-6	8	22	91.12	67.10	71.83	40.20
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-2	8	22	67.61	65.17	6.09	67.81
0	8	22	18.39	67.53	-8.08	16.01
2	8	22	115.24	50.83	80.17	59.22
4	8	22	124.62	42.95	77.92	-84.31
6	8	22	27.81	60.94	-13.78	-3.79
-5	9	22	41.77	67.91	-28.62	-14.20
-3	9	22	33.49	68.63	-12.49	27.75
-1	9	22	43.50	65.37	-10.54	-35.36
1	9	22	19.66	67.66	-12.20	7.88
3	9	22	27.57	64.76	4.87	-16.97
-2	0	23	52.75	54.58	-46.38	0.00
2	0	23	45.55	52.94	43.61	0.00
-5	1	23	25.53	57.96	9.36	-16.60
-3	1	23	15.51	57.70	-4.99	9.88
-1	1	23	19.68	55.30	-13.43	-7.71
3	1	23	21.88	54.19	11.56	-6.19
-10	2	23	130.13	45.66	-122.12	12.10
-8	2	23	175.01	33.03	-36.98	-152.37
-6	2	23	113.04	49.78	-94.37	43.87
-4	2	23	43.26	59.38	-2.88	-30.06
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0	2	23	61.16	56.94	-26.87	-44.75
2	2	23	115.87	44.60	-107.43	2.86
-13	3	23	12.14	63.45	0.96	14.05
-11	3	23	22.68	64.44	7.76	25.03
-9	3	23	34.46	63.58	14.74	-16.86
-7	3	23	29.93	63.11	-2.24	27.62
-5	3	23	19.76	60.48	-10.36	10.76
-3	3	23	1.32	61.55	9.84	4.93
-1	3	23	4.82	60.13	0.10	0.79
3	3	23	35.90	57.00	-28.76	2.27
5	3	23	9.23	57.39	7.75	-1.49
-14	4	23	102.75	55.93	29.06	82.64
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-8	4	23	78.28	65.71	66.33	22.17
-6	4	23	24.05	63.64	-22.65	7.77
-4	4	23	35.05	64.37	-24.59	12.45
-2	4	23	57.27	60.92	-15.80	-43.74
0	4	23	32.99	61.93	-17.08	22.20
4	4	23	200.51	23.94	-170.75	40.38

6	4	23	145.06	33.88	-24.55	-115.51
-9	5	23	39.72	67.90	6.37	-33.52
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1	5	23	25.37	60.84	17.58	1.95
3	5	23	60.29	60.43	-13.04	48.30
7	5	23	18.13	57.13	-22.43	-6.92
-8	6	23	180.33	36.77	112.32	116.21
-6	6	23	184.22	37.53	-147.06	64.12
-4	6	23	62.53	65.98	6.83	51.71
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2	6	23	106.10	53.16	-80.98	45.66
4	6	23	15.18	59.55	1.96	8.03
6	6	23	240.27	24.81	-170.79	119.54
-3	7	23	42.29	65.41	33.54	10.11
-1	7	23	25.92	67.02	-16.58	8.73
-3	1	24	32.31	56.78	16.57	23.93
-1	1	24	12.45	56.48	8.16	5.62
-6	2	24	59.98	60.93	-6.56	50.83
-4	2	24	19.99	59.89	-1.13	19.25
-2	2	24	175.33	30.88	154.74	-2.92
0	2	24	166.60	29.11	-39.24	-142.46
2	2	24	64.59	56.94	59.44	2.55
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1	3	24	34.51	59.06	-16.22	-22.70
-6	4	24	110.45	52.95	63.17	56.70
-4	4	24	150.43	37.04	128.03	-28.41
-2	4	24	27.81	61.82	-21.65	-13.60
0	4	24	26.83	59.74	-26.88	4.26
2	4	24	51.26	59.61	20.21	-37.79