

TABLE OF FC-SQUARED, FO-SQUARED, SGMA (FO-SQUARED) IN MOSANDRITE

H, K, L, FC-SQUARED, FO-SQUARED, SIGMA (FO-SQUARED) AND STATUS FLAG
#

DATA_M-FINALE
_SHELX_TITLE ' MOSANDRITE FROM LANGESUNDSFJORD '
_SHELX_REFLN_LIST_CODE 4
_SHELX_F_CALC_MAXIMUM 348.26
_EXPTL_CRYSTAL_F_000 758.24
_REFLNS_D_RESOLUTION_HIGH 0.7102

LOOP_
_SYMMETRY_EQUIV_POS_AS_XYZ
'X, Y, Z'
'-X, Y+1/2, -Z+1/2'
'-X, -Y, -Z'
'X, -Y-1/2, Z-1/2'

_CELL_LENGTH_A 7.3980
_CELL_LENGTH_B 5.5950
_CELL_LENGTH_C 18.6620
_CELL_ANGLE_ALPHA 90.000
_CELL_ANGLE_BETA 101.370
_CELL_ANGLE_GAMMA 90.000

_SHELX_F_SQUARED_MULTIPLIER 1.000

LOOP_
_REFLN_INDEX_H
_REFLN_INDEX_K
_REFLN_INDEX_L
_REFLN_F_SQUARED_CALC
_REFLN_F_SQUARED_MEAS
_REFLN_F_SQUARED_SIGMA
_REFLN_OBSERVED_STATUS

REFLN	H	K	L	Observed	Calc	Sigma	Status
1	0	0	0	1158.10	1624.46	56.06	o
2	0	0	0	638.76	785.79	25.13	o
3	0	0	0	0.61	-24.16	24.16	o
4	0	0	0	6045.76	5955.73	65.72	o
5	0	0	0	1427.00	1347.34	48.33	o
6	0	0	0	1398.40	1270.98	54.13	o
7	0	0	0	644.45	661.10	53.16	o
8	0	0	0	649.76	848.61	63.79	o
9	0	0	0	1226.75	1071.88	74.42	o
10	0	0	0	1403.73	1069.94	75.39	o
1	1	0	0	446.94	487.82	17.02	o
2	1	0	0	45807.82	49677.00	346.98	o
3	1	0	0	176.77	241.31	18.81	o
4	1	0	0	2295.01	2003.61	32.41	o
5	1	0	0	1666.95	1397.63	35.46	o
6	1	0	0	1303.99	1390.01	41.24	o
7	1	0	0	6.79	5.78	32.89	o
8	1	0	0	2601.14	2661.84	80.70	o
9	1	0	0	245.25	161.11	47.00	o
10	1	0	0	20.39	42.76	41.67	o
0	2	0	0	3811.56	4459.55	57.99	o
1	2	0	0	298.05	288.46	28.95	o
2	2	0	0	1080.71	1292.24	41.56	o
3	2	0	0	492.34	427.20	38.66	o
4	2	0	0	4242.75	4086.47	71.52	o
5	2	0	0	10.92	86.02	49.29	o
6	2	0	0	2612.75	2956.60	80.22	o
7	2	0	0	935.09	924.00	66.69	o

8	2	0	331.57	267.73	62.82 o
9	2	0	0.52	-42.53	63.79 o
1	3	0	0.47	27.69	33.78 o
2	3	0	49.76	178.81	45.43 o
3	3	0	27.44	97.62	48.33 o
4	3	0	81.52	57.03	56.06 o
5	3	0	0.06	138.21	56.06 o
6	3	0	1.49	18.36	61.86 o
7	3	0	5.19	-50.26	65.72 o
8	3	0	1.28	4.83	70.56 o
9	3	0	9.24	103.42	70.56 o
0	4	0	10653.56	10961.37	126.61 o
1	4	0	397.42	441.31	46.67 o
2	4	0	134.20	70.56	57.99 o
3	4	0	383.94	405.94	62.82 o
4	4	0	5591.69	5670.60	108.25 o
5	4	0	1.48	27.06	64.76 o
6	4	0	567.55	623.41	77.32 o
7	4	0	662.54	718.13	83.12 o
8	4	0	193.83	122.75	81.19 o
1	5	0	97.00	128.48	49.39 o
2	5	0	13606.66	13548.75	156.58 o
3	5	0	23.56	-60.89	67.66 o
4	5	0	277.39	217.47	72.49 o
5	5	0	461.73	363.41	80.22 o
6	5	0	821.33	1084.44	88.92 o
7	5	0	67.61	51.23	80.22 o
0	6	0	15182.91	15434.45	193.31 o
1	6	0	51.54	17.33	77.81 o
2	6	0	205.65	182.67	74.42 o
3	6	0	19.62	85.05	74.42 o
4	6	0	524.99	443.64	84.09 o
5	6	0	150.60	189.44	83.12 o
6	6	0	2637.48	2516.83	108.25 o
1	7	0	21.42	-31.32	75.87 o
2	7	0	2505.23	2422.11	108.25 o
3	7	0	0.78	110.18	79.26 o
4	7	0	767.13	740.36	88.92 o
-10	1	1	35.06	-12.18	41.62 o
-9	1	1	687.68	751.53	100.04 o
-8	1	1	1286.39	1435.30	110.18 o
-7	1	1	63.86	87.25	39.14 o
-6	1	1	5817.08	5642.77	61.50 o
-5	1	1	195.04	155.33	39.14 o
-4	1	1	12.55	-2.03	20.20 o
-3	1	1	44.29	20.37	16.72 o
-2	1	1	8941.18	10056.04	113.08 o
-1	1	1	216.17	152.95	11.76 o
0	1	1	962.72	760.30	17.89 o
1	1	1	1226.17	1102.26	22.20 o
2	1	1	14664.69	14899.37	178.32 o
3	1	1	212.16	206.99	20.78 o
4	1	1	2036.16	1940.52	32.72 o
5	1	1	2865.40	2611.17	42.99 o
6	1	1	854.22	824.14	37.13 o
7	1	1	2.55	-25.97	33.70 o
8	1	1	806.43	738.36	76.36 o
9	1	1	70.61	50.16	40.94 o
10	1	1	0.72	46.88	41.01 o
-9	2	1	57.86	65.72	62.82 o
-8	2	1	489.09	588.61	66.69 o
-7	2	1	716.01	714.26	62.82 o
-6	2	1	6200.28	6199.29	101.49 o

-5	2	1	1016.50	981.99	55.09 o
-4	2	1	10692.19	10436.54	96.65 o
-3	2	1	205.88	173.01	36.73 o
-2	2	1	0.23	7.73	29.96 o
-1	2	1	0.76	1.54	25.86 o
0	2	1	28081.00	29103.51	454.75 o
1	2	1	161.24	99.10	28.32 o
2	2	1	10175.65	11522.92	86.99 o
3	2	1	5.48	20.30	37.69 o
4	2	1	32.84	50.26	44.46 o
5	2	1	5.91	56.06	51.23 o
6	2	1	7372.28	7923.58	113.08 o
7	2	1	1205.25	1106.67	68.62 o
8	2	1	179.00	141.11	60.89 o
9	2	1	333.27	410.77	65.72 o
-9	3	1	483.72	452.33	76.36 o
-8	3	1	2808.51	3016.53	102.45 o
-7	3	1	393.72	447.50	69.59 o
-6	3	1	1179.42	1197.53	72.49 o
-5	3	1	393.17	378.88	60.89 o
-4	3	1	1272.36	1214.92	63.79 o
-3	3	1	708.42	748.09	53.16 o
-2	3	1	60936.86	59979.67	214.57 o
-1	3	1	1807.49	1753.51	77.81 o
0	3	1	216.46	230.47	30.66 o
1	3	1	235.90	247.07	35.50 o
2	3	1	455.79	429.14	49.29 o
3	3	1	856.17	741.33	57.03 o
4	3	1	4527.86	4475.98	86.99 o
5	3	1	2023.22	1827.70	73.46 o
6	3	1	748.38	929.80	71.52 o
7	3	1	963.06	1081.54	82.15 o
8	3	1	4638.76	4862.59	120.82 o
9	3	1	124.87	108.25	72.49 o
-8	4	1	583.80	692.03	86.02 o
-7	4	1	447.57	532.56	77.32 o
-6	4	1	1113.67	1235.22	81.19 o
-5	4	1	55.59	-7.73	62.82 o
-4	4	1	13976.29	13981.76	148.84 o
-3	4	1	63.82	10.63	59.92 o
-2	4	1	0.14	-2.90	56.06 o
-1	4	1	15.59	41.84	44.07 o
0	4	1	29798.07	30815.16	137.32 o
1	4	1	59.17	49.11	44.72 o
2	4	1	245.72	153.68	60.89 o
3	4	1	154.80	243.56	63.79 o
4	4	1	476.69	697.83	68.62 o
5	4	1	85.88	207.80	68.62 o
6	4	1	1124.36	1269.05	84.09 o
7	4	1	250.63	218.43	78.29 o
8	4	1	222.04	223.27	83.12 o
-7	5	1	50.22	57.99	82.15 o
-6	5	1	1671.48	1828.67	95.69 o
-5	5	1	1.61	-73.46	73.46 o
-4	5	1	120.95	128.55	66.69 o
-3	5	1	18.52	3.87	66.69 o
-2	5	1	1828.54	2219.14	85.05 o
-1	5	1	0.01	20.15	49.93 o
0	5	1	71.47	11.00	47.47 o
1	5	1	31.82	-31.11	50.06 o
2	5	1	3205.85	3587.74	100.52 o
3	5	1	103.59	85.05	71.52 o
4	5	1	344.55	491.96	76.36 o

5	5	1	371.36	381.78	76.36 o
6	5	1	240.28	317.99	79.26 o
7	5	1	1.98	23.20	80.22 o
-6	6	1	1.41	-33.83	82.15 o
-5	6	1	25.06	55.09	81.19 o
-4	6	1	56.18	97.62	76.36 o
-3	6	1	0.60	-23.20	75.39 o
-2	6	1	0.27	-74.42	74.42 o
-1	6	1	0.00	44.10	57.03 o
0	6	1	124.52	230.27	57.75 o
1	6	1	19.58	39.58	55.55 o
2	6	1	39.50	129.51	74.42 o
3	6	1	2.55	-79.26	79.26 o
4	6	1	4.69	-25.13	80.22 o
5	6	1	1.40	35.76	81.19 o
6	6	1	10.76	85.05	81.19 o
-4	7	1	31.32	15.46	79.26 o
-3	7	1	89.11	47.36	80.22 o
-2	7	1	1058.57	1088.31	93.75 o
-1	7	1	0.21	14.70	60.26 o
0	7	1	1.26	22.74	166.73 o
1	7	1	25.74	133.58	89.89 o
2	7	1	1066.50	1092.17	97.62 o
3	7	1	0.29	48.33	79.26 o
4	7	1	413.81	442.67	84.09 o
-10	0	2	1571.36	1778.41	81.19 o
-9	0	2	95.27	41.56	57.03 o
-8	0	2	2016.59	1801.60	74.42 o
-7	0	2	593.22	605.04	53.16 o
-6	0	2	3036.73	3205.97	69.59 o
-5	0	2	100.67	127.58	36.73 o
-4	0	2	121284.73	123759.72	264.83 o
-3	0	2	215.46	199.10	26.10 o
-2	0	2	700.59	778.05	28.03 o
-1	0	2	756.63	776.97	53.64 o
0	0	2	8267.18	7767.56	200.55 o
1	0	2	1689.87	1547.34	37.21 o
2	0	2	139.35	121.78	24.16 o
3	0	2	364.14	271.59	27.06 o
4	0	2	172.40	108.25	31.90 o
5	0	2	5162.22	4644.15	73.46 o
6	0	2	4624.15	4744.67	84.09 o
7	0	2	368.88	425.27	54.13 o
8	0	2	5412.36	5505.33	109.22 o
9	0	2	0.47	56.06	57.99 o
10	0	2	160.60	106.32	57.99 o
-10	1	2	747.79	766.51	49.89 o
-9	1	2	847.51	821.52	48.09 o
-8	1	2	2136.80	2448.21	55.70 o
-7	1	2	129.15	165.82	33.99 o
-6	1	2	8396.91	8032.62	70.05 o
-5	1	2	375.86	323.05	28.32 o
-4	1	2	0.05	-23.70	37.69 o
-3	1	2	140.92	135.63	18.81 o
-2	1	2	47926.53	51329.12	343.60 o
-1	1	2	2035.68	1909.91	53.57 o
0	1	2	184.35	152.15	13.67 o
1	1	2	794.42	677.75	14.20 o
2	1	2	42.16	131.77	45.91 o
3	1	2	432.80	367.77	44.94 o
4	1	2	6465.33	6671.40	53.29 o
5	1	2	2140.95	2005.15	40.94 o
6	1	2	765.51	838.43	38.20 o

7	1	2	866.95	834.37	67.66 o
8	1	2	3388.61	3137.87	64.58 o
9	1	2	61.03	101.00	42.37 o
-9	2	2	26.01	56.06	62.82 o
-8	2	2	1620.23	1840.26	80.22 o
-7	2	2	20.25	71.52	56.06 o
-6	2	2	634.36	664.97	57.99 o
-5	2	2	549.67	389.51	53.16 o
-4	2	2	702.70	819.61	49.29 o
-3	2	2	31.33	-33.83	33.83 o
-2	2	2	1106.17	1273.88	38.66 o
-1	2	2	362.07	310.68	27.84 o
0	2	2	5084.07	4566.77	85.05 o
1	2	2	491.52	533.33	28.02 o
2	2	2	7476.74	8549.88	80.22 o
3	2	2	1643.60	1390.83	51.23 o
4	2	2	2682.54	2775.86	68.62 o
5	2	2	6.52	106.32	51.23 o
6	2	2	1978.77	2136.99	74.42 o
7	2	2	8.92	11.60	58.96 o
8	2	2	67.38	172.04	59.92 o
9	2	2	157.67	123.72	66.69 o
-9	3	2	1.89	99.55	71.52 o
-8	3	2	0.02	57.02	68.62 o
-7	3	2	14.17	0.00	63.79 o
-6	3	2	4.25	40.59	61.86 o
-5	3	2	0.55	115.98	55.09 o
-4	3	2	0.71	14.50	50.26 o
-3	3	2	3.55	40.59	46.39 o
-2	3	2	22.51	115.98	43.49 o
-1	3	2	8.55	33.83	37.69 o
0	3	2	315.71	383.20	32.03 o
1	3	2	3.05	-20.86	35.29 o
3	3	2	3.56	47.36	53.16 o
4	3	2	44.54	152.71	58.96 o
5	3	2	98.64	89.89	61.86 o
6	3	2	21.77	98.59	64.76 o
7	3	2	13.51	-68.62	68.62 o
8	3	2	10.49	-42.53	74.42 o
9	3	2	3.37	-46.39	71.52 o
-8	4	2	1956.67	1910.82	101.49 o
-7	4	2	21.23	-74.42	74.42 o
-6	4	2	89.36	167.21	69.59 o
-5	4	2	460.18	601.18	66.69 o
-4	4	2	3761.05	3904.76	93.75 o
-3	4	2	115.64	82.15	58.96 o
-2	4	2	128.63	122.75	55.09 o
-1	4	2	435.95	422.40	46.66 o
0	4	2	8291.21	8139.61	80.20 o
1	4	2	185.11	208.29	46.04 o
2	4	2	323.72	429.14	63.79 o
3	4	2	1019.40	1004.22	71.52 o
4	4	2	1947.93	1912.75	82.15 o
5	4	2	136.05	74.42	70.56 o
6	4	2	648.09	536.42	80.22 o
7	4	2	2.63	-71.52	78.29 o
8	4	2	74.60	52.19	78.29 o
-7	5	2	98.09	185.57	80.22 o
-6	5	2	4187.57	4292.34	117.92 o
-5	5	2	120.53	137.25	72.49 o
-4	5	2	0.07	-35.76	66.69 o
-3	5	2	7.07	131.45	63.79 o
-2	5	2	13937.63	13800.05	155.61 o

-1	5	2	213.54	191.67	52.48 o
0	5	2	24.66	41.81	48.09 o
1	5	2	29.18	69.76	49.83 o
2	5	2	255.49	272.56	72.49 o
3	5	2	46.84	74.42	69.59 o
4	5	2	2589.88	2698.54	101.49 o
5	5	2	905.58	942.36	87.95 o
6	5	2	637.36	494.86	87.95 o
7	5	2	361.38	176.87	85.05 o
-6	6	2	654.06	602.15	86.99 o
-5	6	2	50.99	-24.16	82.15 o
-4	6	2	7907.72	7400.69	146.91 o
-3	6	2	486.64	446.53	82.15 o
-2	6	2	199.48	163.34	77.32 o
-1	6	2	2.53	-5.20	54.74 o
0	6	2	488.96	574.76	126.61 o
1	6	2	0.40	-27.06	59.92 o
2	6	2	3486.68	3352.88	111.15 o
3	6	2	391.13	540.29	81.19 o
4	6	2	24.35	55.09	80.22 o
5	6	2	640.46	589.58	89.89 o
6	6	2	3626.76	3080.32	120.82 o
-4	7	2	0.29	15.46	79.26 o
-3	7	2	0.28	105.35	77.32 o
-2	7	2	2601.80	2518.77	112.12 o
-1	7	2	171.71	176.28	103.90 o
0	7	2	572.80	468.62	64.20 o
1	7	2	17.94	101.59	60.13 o
2	7	2	55.18	23.20	84.09 o
3	7	2	20.16	11.60	84.09 o
4	7	2	2027.31	1865.39	104.38 o
-10	1	3	1335.05	1196.72	138.70 o
-9	1	3	0.22	-8.99	39.87 o
-8	1	3	155.59	221.52	38.57 o
-7	1	3	301.30	236.06	36.20 o
-6	1	3	426.22	402.52	34.09 o
-5	1	3	3.57	0.62	25.99 o
-4	1	3	16.34	51.01	21.13 o
-3	1	3	291.85	212.12	19.68 o
-2	1	3	15372.75	15425.98	59.66 o
-1	1	3	3107.30	2901.19	68.50 o
0	1	3	2910.68	2726.70	23.04 o
1	1	3	3321.58	3152.71	60.15 o
2	1	3	4962.32	4954.02	121.30 o
3	1	3	114.08	97.74	22.71 o
4	1	3	3731.34	3691.39	101.49 o
5	1	3	126.97	97.27	29.70 o
6	1	3	0.31	-0.48	54.13 o
7	1	3	616.31	571.38	41.31 o
8	1	3	739.41	601.85	46.46 o
9	1	3	7.92	-6.37	43.60 o
-10	2	3	2488.40	2612.52	94.72 o
-9	2	3	373.44	403.04	66.69 o
-8	2	3	2083.68	1979.44	84.09 o
-7	2	3	164.53	133.38	57.99 o
-6	2	3	7.59	-44.46	52.19 o
-5	2	3	116.83	86.99	49.29 o
-4	2	3	11380.24	10822.19	97.62 o
-3	2	3	469.85	378.88	38.66 o
-2	2	3	9752.55	10345.69	77.32 o
-1	2	3	371.13	290.48	27.08 o
0	2	3	4666.86	6080.21	146.43 o
1	2	3	260.52	242.17	33.35 o

2	2	3	30079.28	32493.62	151.74 o
3	2	3	3480.58	3055.19	64.76 o
4	2	3	975.27	1165.63	58.96 o
5	2	3	2878.94	2555.49	76.36 o
6	2	3	8104.73	7836.59	117.92 o
7	2	3	53.21	-44.46	61.86 o
8	2	3	936.45	857.31	75.39 o
9	2	3	6.84	9.67	63.79 o
-9	3	3	466.33	453.30	79.26 o
-8	3	3	1413.14	1698.19	88.92 o
-7	3	3	8.38	93.75	61.86 o
-6	3	3	12656.62	13275.23	147.88 o
-5	3	3	2517.41	2499.43	76.36 o
-4	3	3	1264.81	1207.19	62.82 o
-3	3	3	431.26	395.31	48.33 o
-2	3	3	658.07	556.72	45.43 o
-1	3	3	289.86	183.16	58.47 o
0	3	3	6319.78	5919.33	57.57 o
1	3	3	289.85	222.73	37.82 o
2	3	3	421.34	404.01	57.03 o
3	3	3	1361.60	1402.43	66.69 o
4	3	3	17078.81	18463.54	159.48 o
5	3	3	551.64	573.15	68.62 o
6	3	3	5220.38	5704.43	115.02 o
7	3	3	106.94	60.89	70.56 o
8	3	3	1277.59	1126.00	87.95 o
9	3	3	340.82	420.44	77.32 o
-8	4	3	3149.90	2999.13	110.18 o
-7	4	3	33.14	58.96	71.52 o
-6	4	3	6.42	40.59	65.72 o
-5	4	3	0.42	-45.43	61.86 o
-4	4	3	14678.32	14527.85	147.88 o
-3	4	3	406.99	437.84	59.92 o
-2	4	3	203.06	139.18	55.09 o
-1	4	3	19.77	8.12	43.43 o
0	4	3	54.24	42.10	43.19 o
1	4	3	64.83	101.36	44.08 o
2	4	3	1632.38	1881.83	77.32 o
3	4	3	690.38	581.85	73.46 o
4	4	3	1523.04	1678.85	84.09 o
5	4	3	1188.74	950.09	84.09 o
6	4	3	2730.06	2655.05	101.49 o
7	4	3	53.25	66.69	79.26 o
8	4	3	2193.97	2279.07	105.35 o
-8	5	3	73.45	66.69	80.22 o
-7	5	3	45.81	141.11	78.29 o
-6	5	3	477.52	575.08	83.12 o
-5	5	3	23.89	45.43	70.56 o
-4	5	3	107.67	186.54	66.69 o
-3	5	3	66.08	37.69	65.72 o
-2	5	3	3409.65	3651.53	98.59 o
-1	5	3	328.52	311.72	52.73 o
0	5	3	273.18	376.35	89.40 o
1	5	3	223.85	205.54	51.57 o
2	5	3	882.20	902.73	83.12 o
3	5	3	0.04	87.95	70.56 o
4	5	3	864.08	852.48	84.09 o
5	5	3	16.61	8.70	78.29 o
6	5	3	25.03	29.96	81.19 o
7	5	3	70.56	130.48	83.12 o
-6	6	3	0.25	-82.15	82.15 o
-5	6	3	4.11	148.84	77.32 o
-4	6	3	36.74	81.19	79.26 o

-3	6	3	0.04	66.69	73.46 o
-2	6	3	27.90	83.12	72.49 o
-1	6	3	18.25	48.35	65.72 o
0	6	3	21.99	-10.49	55.84 o
1	6	3	0.22	21.31	54.47 o
2	6	3	29.04	19.33	81.19 o
3	6	3	26.11	47.36	81.19 o
4	6	3	23.61	139.18	81.19 o
5	6	3	57.70	31.90	85.05 o
6	6	3	7.69	200.07	83.12 o
-4	7	3	30.72	144.01	77.32 o
-3	7	3	31.65	154.64	78.29 o
-2	7	3	1106.51	1032.25	96.65 o
-1	7	3	143.36	135.67	64.66 o
0	7	3	331.19	336.44	101.97 o
1	7	3	168.99	174.94	62.19 o
2	7	3	681.14	708.46	91.82 o
3	7	3	32.36	89.89	83.12 o
4	7	3	1483.74	1593.80	99.55 o
-10	0	4	1433.26	1578.34	79.26 o
-9	0	4	17.58	-55.09	55.09 o
-8	0	4	14628.29	13931.50	153.68 o
-7	0	4	1331.49	1574.47	60.89 o
-6	0	4	2518.35	2712.07	65.72 o
-5	0	4	102.05	123.72	37.69 o
-4	0	4	7464.76	7256.67	72.49 o
-3	0	4	224.50	114.05	28.03 o
-2	0	4	57.56	190.41	31.90 o
-1	0	4	4135.41	3819.62	130.00 o
0	0	4	154.11	125.49	22.97 o
1	0	4	6244.00	6074.45	221.33 o
2	0	4	10999.68	10391.12	75.39 o
3	0	4	2841.95	2445.31	48.33 o
4	0	4	24412.87	26291.43	148.84 o
5	0	4	549.64	436.87	48.33 o
6	0	4	3673.88	3439.86	78.29 o
7	0	4	1441.66	1554.17	69.59 o
8	0	4	3426.94	3404.10	99.55 o
9	0	4	310.10	321.85	62.82 o
-10	1	4	1396.90	1249.49	52.96 o
-9	1	4	49.87	26.33	40.63 o
-8	1	4	8.05	-15.46	60.89 o
-7	1	4	1.46	12.25	32.20 o
-6	1	4	8121.02	7812.33	70.05 o
-5	1	4	2417.16	2009.96	40.25 o
-4	1	4	2128.31	1831.48	33.10 o
-3	1	4	149.22	155.23	35.28 o
-2	1	4	21.71	77.32	22.55 o
-1	1	4	285.89	454.98	21.41 o
0	1	4	16548.32	17875.85	98.49 o
1	1	4	1361.58	1721.95	28.71 o
2	1	4	652.64	597.97	22.98 o
3	1	4	2462.68	2015.69	33.40 o
4	1	4	19323.61	19203.63	262.89 o
5	1	4	783.32	760.95	36.05 o
6	1	4	5441.39	5365.57	68.68 o
7	1	4	11.98	21.70	36.33 o
8	1	4	62.90	-41.62	41.62 o
9	1	4	126.22	139.29	44.76 o
-10	2	4	155.39	194.27	66.69 o
-9	2	4	285.73	179.77	66.69 o
-8	2	4	51.75	0.00	62.82 o
-7	2	4	60.48	109.22	57.03 o

-6	2	4	512.04	569.28	57.99 o
-5	2	4	292.78	319.92	51.23 o
-4	2	4	4836.47	4535.90	72.49 o
-3	2	4	1898.29	1664.36	47.36 o
-2	2	4	6922.93	7453.84	70.56 o
-1	2	4	93.00	68.67	27.72 o
0	2	4	7058.21	7470.68	72.01 o
1	2	4	81.88	86.89	28.31 o
2	2	4	7809.37	8886.24	91.82 o
3	2	4	16.74	-34.79	46.39 o
4	2	4	530.89	526.76	57.99 o
5	2	4	926.12	873.74	66.69 o
6	2	4	2144.14	2237.51	80.22 o
7	2	4	28.24	126.61	59.92 o
8	2	4	1868.74	1888.59	90.85 o
9	2	4	242.61	189.44	70.56 o
-9	3	4	0.47	127.58	69.59 o
-8	3	4	0.13	-71.52	71.52 o
-7	3	4	6.03	-56.06	63.79 o
-6	3	4	0.67	106.32	58.96 o
-5	3	4	9.68	72.49	56.06 o
-4	3	4	51.61	60.89	52.19 o
-3	3	4	1.08	64.76	45.43 o
-2	3	4	6.52	-0.97	41.56 o
-1	3	4	28.99	56.85	32.58 o
0	3	4	163.05	229.48	32.72 o
1	3	4	105.96	108.11	32.26 o
2	3	4	99.58	56.06	57.03 o
3	3	4	10.83	14.50	58.96 o
4	3	4	58.13	116.95	63.79 o
5	3	4	24.95	-47.36	65.72 o
6	3	4	17.34	69.59	68.62 o
7	3	4	0.01	27.06	70.56 o
8	3	4	0.07	-54.13	76.36 o
-8	4	4	387.93	498.73	79.26 o
-7	4	4	4.07	-74.42	74.42 o
-6	4	4	71.02	129.51	64.76 o
-5	4	4	247.43	341.18	65.72 o
-4	4	4	5918.02	5871.64	106.32 o
-3	4	4	957.16	924.00	63.79 o
-2	4	4	301.05	262.89	55.09 o
-1	4	4	48.09	113.76	43.75 o
0	4	4	4386.75	4332.12	161.89 o
1	4	4	12.00	35.67	78.29 o
2	4	4	1993.33	2085.76	82.15 o
3	4	4	6.83	-57.99	67.66 o
4	4	4	280.18	345.05	71.52 o
5	4	4	638.08	605.04	78.29 o
6	4	4	733.35	909.50	82.15 o
7	4	4	83.99	202.00	79.26 o
8	4	4	1938.45	1852.83	107.28 o
-8	5	4	1.45	20.30	76.36 o
-7	5	4	1.87	16.43	76.36 o
-6	5	4	4227.81	4209.22	116.95 o
-5	5	4	714.59	641.77	77.32 o
-4	5	4	213.72	254.20	67.66 o
-3	5	4	137.33	6.77	66.69 o
-2	5	4	309.63	353.75	66.69 o
-1	5	4	244.88	289.84	52.65 o
0	5	4	3873.57	4420.38	77.06 o
1	5	4	460.10	527.79	54.25 o
2	5	4	1878.58	2115.72	93.75 o
3	5	4	544.76	484.23	79.26 o

4	5	4	4310.32	4292.34	116.95 o
5	5	4	372.71	404.01	85.05 o
6	5	4	2343.07	2042.27	111.15 o
7	5	4	2.40	142.08	80.22 o
-6	6	4	532.63	515.16	88.92 o
-5	6	4	5.14	43.49	81.19 o
-4	6	4	642.39	597.31	86.99 o
-3	6	4	399.38	260.96	78.29 o
-2	6	4	3278.25	3206.93	106.32 o
-1	6	4	120.29	69.70	58.06 o
0	6	4	20.54	63.34	54.36 o
1	6	4	404.57	392.96	61.37 o
2	6	4	8415.47	8203.87	156.58 o
3	6	4	354.99	308.32	88.92 o
4	6	4	2092.86	1854.76	106.32 o
5	6	4	102.78	-22.23	86.02 o
6	6	4	1543.23	1318.34	101.49 o
-4	7	4	727.28	735.53	87.95 o
-3	7	4	46.75	7.73	82.15 o
-2	7	4	65.79	204.90	80.22 o
-1	7	4	68.02	199.31	61.22 o
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1	7	4	80.44	127.19	61.33 o
2	7	4	280.24	317.99	88.92 o
3	7	4	179.44	154.64	86.99 o
4	7	4	2685.74	2488.80	109.22 o
-10	1	5	12.26	18.52	39.48 o
-9	1	5	30.43	10.89	41.56 o
-8	1	5	114.79	201.51	37.13 o
-7	1	5	315.22	257.48	36.52 o
-6	1	5	5891.35	5612.42	62.53 o
-5	1	5	1942.94	1727.05	39.57 o
-4	1	5	1817.90	1859.93	49.29 o
-3	1	5	114.68	82.45	22.14 o
-2	1	5	4892.75	4751.27	72.97 o
-1	1	5	1271.49	1155.83	40.46 o
0	1	5	9237.41	10071.54	86.21 o
1	1	5	394.10	297.03	18.55 o
2	1	5	282.72	439.31	23.46 o
3	1	5	1897.47	1673.40	34.67 o
4	1	5	4316.94	4660.05	101.97 o
5	1	5	268.31	230.77	33.21 o
6	1	5	5432.98	5613.23	142.56 o
7	1	5	668.61	694.93	46.88 o
8	1	5	392.12	388.96	45.26 o
9	1	5	118.32	-5.45	45.09 o
-10	2	5	8.51	26.10	62.82 o
-9	2	5	64.68	-1.93	64.76 o
-8	2	5	2064.09	2002.64	84.09 o
-7	2	5	1243.37	1165.63	70.56 o
-6	2	5	6004.90	6213.79	99.55 o
-5	2	5	1003.51	858.27	57.99 o
-4	2	5	5.51	51.23	44.46 o
-3	2	5	2388.90	2018.11	52.19 o
-2	2	5	28995.79	29307.95	133.38 o
-1	2	5	242.19	264.56	109.22 o
0	2	5	314.36	95.69	40.59 o
1	2	5	1304.11	971.84	42.53 o
2	2	5	28068.27	29206.46	160.44 o
3	2	5	115.95	51.23	51.23 o
4	2	5	1636.99	1399.53	69.59 o
5	2	5	50.72	-24.16	59.92 o
6	2	5	496.11	540.29	65.72 o

7	2	5	260.70	280.29	64.76 o
8	2	5	2178.87	2378.62	96.65 o
9	2	5	472.78	592.48	72.49 o
-9	3	5	1111.66	1148.23	88.92 o
-8	3	5	1140.96	1418.86	86.99 o
-7	3	5	0.90	-64.76	64.76 o
-6	3	5	1228.89	1267.11	70.56 o
-5	3	5	1017.90	919.17	62.82 o
-4	3	5	3941.52	3649.60	79.26 o
-3	3	5	1526.12	1390.83	58.96 o
-2	3	5	395.35	397.24	47.36 o
-1	3	5	217.24	276.18	42.53 o
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1	3	5	891.86	913.44	50.34 o
2	3	5	10667.74	11518.08	126.61 o
3	3	5	342.67	325.72	64.76 o
4	3	5	9242.89	9045.71	130.48 o
5	3	5	2135.61	2140.85	88.92 o
6	3	5	1795.70	1854.76	89.89 o
7	3	5	177.05	302.52	74.42 o
8	3	5	215.63	215.54	81.19 o
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-7	4	5	456.77	489.06	79.26 o
-6	4	5	1087.27	1189.79	78.29 o
-5	4	5	328.16	323.79	64.76 o
-4	4	5	605.64	715.23	64.76 o
-3	4	5	177.44	149.81	57.03 o
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2	4	5	7210.99	7221.88	124.68 o
3	4	5	27.00	26.10	70.56 o
4	4	5	6079.36	5885.17	123.72 o
5	4	5	135.46	81.19	77.32 o
6	4	5	243.49	308.32	80.22 o
7	4	5	185.69	162.38	84.09 o
8	4	5	2645.36	2625.08	117.92 o
-8	5	5	42.55	215.54	77.32 o
-7	5	5	101.82	193.31	78.29 o
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-5	5	5	247.36	253.23	74.42 o
-4	5	5	283.54	341.18	71.52 o
-3	5	5	11.93	5.80	64.76 o
-2	5	5	979.31	997.45	73.46 o
-1	5	5	45.61	-44.27	52.54 o
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1	5	5	9.15	68.18	50.08 o
2	5	5	36.56	17.40	78.29 o
3	5	5	230.59	278.36	79.26 o
4	5	5	1070.87	1131.80	91.82 o
5	5	5	17.53	-84.09	84.09 o
6	5	5	1934.53	1893.42	108.25 o
7	5	5	179.93	77.32	88.92 o
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-5	6	5	22.87	145.95	78.29 o
-4	6	5	0.76	1.93	76.36 o
-3	6	5	0.62	82.15	74.42 o
-2	6	5	18.01	173.01	75.39 o
-1	6	5	0.86	-3.44	58.05 o
0	6	5	66.22	106.82	56.63 o
1	6	5	7.05	-13.64	56.23 o
2	6	5	37.38	280.29	87.95 o

3	6	5	18.08	-11.60	85.05 o
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-4	7	5	385.71	417.54	85.05 o
-3	7	5	16.92	-43.49	79.26 o
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2	7	5	80.10	82.15	90.85 o
3	7	5	168.80	125.65	88.92 o
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-8	0	6	2125.36	2019.07	75.39 o
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-5	0	6	5015.90	4344.53	74.42 o
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-3	0	6	917.63	985.86	41.56 o
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4	0	6	10199.78	9702.95	104.38 o
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6	0	6	32.36	77.32	50.26 o
7	0	6	1.08	30.93	56.06 o
8	0	6	8162.28	8283.12	144.01 o
9	0	6	1224.85	1196.56	78.29 o
-10	1	6	1249.76	970.60	51.94 o
-9	1	6	942.55	930.59	48.83 o
-8	1	6	2037.22	2267.46	123.23 o
-7	1	6	352.37	410.03	53.16 o
-6	1	6	1548.12	1736.17	77.81 o
-5	1	6	243.27	286.00	32.20 o
-4	1	6	5457.05	5896.75	136.76 o
-3	1	6	1554.52	1199.90	31.09 o
-2	1	6	814.18	690.23	35.76 o
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3	1	6	9.42	31.59	25.01 o
4	1	6	1461.00	1623.91	66.69 o
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6	1	6	4637.66	4915.80	190.89 o
7	1	6	978.09	993.43	50.52 o
8	1	6	808.05	900.93	51.57 o
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-7	2	6	738.89	887.27	65.72 o
-6	2	6	2630.58	2626.05	80.22 o
-5	2	6	77.55	56.06	51.23 o
-4	2	6	2839.52	2746.87	66.69 o
-3	2	6	202.16	198.14	41.56 o
-2	2	6	8073.70	8725.79	84.09 o
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4	2	6	4261.83	4154.13	93.75 o
5	2	6	1198.93	1202.36	74.42 o
6	2	6	491.88	590.55	68.62 o
7	2	6	190.86	212.64	66.69 o
8	2	6	26.81	39.63	70.56 o
9	2	6	1.44	8.70	66.69 o
-9	3	6	10.03	51.23	71.52 o
-8	3	6	0.91	38.66	71.52 o
-7	3	6	1.91	-29.00	65.72 o
-6	3	6	6.05	-1.93	60.89 o
-5	3	6	21.58	-16.43	57.03 o
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-3	3	6	1.68	-50.26	50.26 o
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1	3	6	31.84	98.10	52.19 o
2	3	6	35.39	-30.93	65.72 o
3	3	6	0.37	-26.10	66.69 o
4	3	6	9.61	2.90	67.66 o
5	3	6	45.67	84.09	68.62 o
6	3	6	6.42	-8.70	74.42 o
7	3	6	1.63	133.38	74.42 o
8	3	6	2.25	-19.33	75.39 o
-8	4	6	2019.72	2003.61	100.52 o
-7	4	6	472.29	543.19	80.22 o
-6	4	6	556.28	439.77	76.36 o
-5	4	6	159.86	144.98	64.76 o
-4	4	6	1753.81	1896.32	77.32 o
-3	4	6	127.82	-11.60	57.99 o
-2	4	6	1844.91	1800.64	70.56 o
-1	4	6	12.60	-24.21	74.91 o
0	4	6	379.41	379.63	86.99 o
1	4	6	310.17	313.92	50.08 o
2	4	6	2087.41	2149.55	95.69 o
3	4	6	113.11	133.38	72.49 o
4	4	6	4391.32	4549.44	115.02 o
5	4	6	839.80	894.04	88.92 o
6	4	6	36.87	-62.82	82.15 o
7	4	6	67.55	104.38	83.12 o
-8	5	6	744.81	733.59	89.89 o
-7	5	6	331.04	317.99	84.09 o
-6	5	6	925.84	1185.93	88.92 o
-5	5	6	145.29	204.90	74.42 o
-4	5	6	2370.94	2488.80	92.79 o
-3	5	6	133.89	87.95	65.72 o
-2	5	6	1951.06	2171.78	84.09 o
-1	5	6	207.33	226.45	74.91 o
0	5	6	6996.39	7285.26	248.88 o
1	5	6	29.68	9.57	51.53 o
2	5	6	4745.88	4736.94	122.75 o
3	5	6	0.04	-78.29	78.29 o
4	5	6	626.95	610.84	93.75 o
5	5	6	215.92	85.05	85.05 o
6	5	6	2766.68	2754.60	119.85 o
7	5	6	695.48	732.63	93.75 o
-6	6	6	2541.55	2460.77	109.22 o
-5	6	6	807.90	780.95	90.85 o
-4	6	6	30.04	38.66	76.36 o
-3	6	6	36.48	109.22	72.49 o
-2	6	6	8443.47	8736.42	151.74 o

-1	6	6	175.45	202.08	60.72 o
0	6	6	2816.35	2975.09	82.70 o
1	6	6	0.10	-60.25	60.25 o
2	6	6	4723.37	4712.78	135.31 o
3	6	6	313.53	351.82	90.85 o
4	6	6	362.72	422.37	92.79 o
5	6	6	211.17	161.41	90.85 o
-4	7	6	1916.81	1736.85	104.38 o
-3	7	6	37.05	-36.73	82.15 o
-2	7	6	292.74	293.82	88.92 o
-1	7	6	0.19	78.61	123.23 o
0	7	6	4288.87	4251.09	99.44 o
1	7	6	20.60	71.79	62.40 o
2	7	6	825.84	715.23	99.55 o
3	7	6	16.47	214.57	86.99 o
-10	1	7	1278.24	1189.11	53.31 o
-9	1	7	430.66	387.59	45.79 o
-8	1	7	1258.77	1280.21	50.57 o
-7	1	7	18.60	84.12	49.78 o
-6	1	7	677.37	646.95	40.25 o
-5	1	7	1003.76	904.53	63.31 o
-4	1	7	3382.01	3333.27	140.63 o
-3	1	7	820.07	673.96	68.62 o
-2	1	7	244.28	307.92	31.24 o
-1	1	7	65.91	-24.13	24.13 o
0	1	7	7829.70	7358.49	57.62 o
1	1	7	20.13	15.16	23.86 o
2	1	7	18782.82	20077.89	406.42 o
3	1	7	1650.60	1682.03	53.16 o
4	1	7	1144.25	1220.70	48.81 o
5	1	7	68.30	115.50	36.44 o
6	1	7	72.86	89.18	39.77 o
7	1	7	71.17	130.35	78.29 o
8	1	7	193.23	124.40	47.32 o
9	1	7	213.97	315.24	57.03 o
-10	2	7	2267.75	2542.93	98.59 o
-9	2	7	657.54	740.36	77.32 o
-8	2	7	612.69	678.50	70.56 o
-7	2	7	336.76	269.66	63.79 o
-6	2	7	7183.13	7613.32	111.15 o
-5	2	7	1802.74	1559.97	66.69 o
-4	2	7	1199.30	1463.32	58.96 o
-3	2	7	944.90	864.07	50.26 o
-2	2	7	28955.14	28885.58	148.84 o
-1	2	7	1041.08	822.65	77.32 o
0	2	7	2646.49	2133.80	52.20 o
1	2	7	78.96	84.20	40.63 o
2	2	7	3506.67	3670.86	85.05 o
3	2	7	218.97	139.18	62.82 o
4	2	7	1499.70	1645.99	78.29 o
5	2	7	2224.99	2156.32	86.99 o
6	2	7	3422.45	3441.80	102.45 o
7	2	7	10.06	48.33	68.62 o
8	2	7	964.89	798.35	82.15 o
-9	3	7	201.74	128.55	74.42 o
-8	3	7	2725.76	2939.20	101.49 o
-7	3	7	1513.75	1583.17	82.15 o
-6	3	7	987.20	1139.53	72.49 o
-5	3	7	11.96	59.92	57.03 o
-4	3	7	16583.71	17201.25	145.95 o
-3	3	7	70.38	116.95	52.19 o
-2	3	7	10800.58	10896.61	111.15 o
-1	3	7	908.61	860.42	110.67 o

0	3	7	17294.73	17272.70	135.80 o
1	3	7	803.56	757.01	57.93 o
2	3	7	3400.65	3089.02	93.75 o
3	3	7	330.78	305.42	73.46 o
4	3	7	747.85	833.14	78.29 o
5	3	7	228.93	215.54	77.32 o
6	3	7	5091.67	5580.72	131.45 o
7	3	7	1308.25	1378.27	94.72 o
8	3	7	1716.46	1446.89	99.55 o
-8	4	7	677.07	543.19	87.95 o
-7	4	7	5.57	95.69	70.56 o
-6	4	7	1043.44	1184.96	81.19 o
-5	4	7	278.56	249.36	66.69 o
-4	4	7	1650.79	1865.39	78.29 o
-3	4	7	178.02	83.12	61.86 o
-2	4	7	7731.37	7622.99	109.22 o
-1	4	7	805.05	705.60	89.89 o
0	4	7	10213.54	9716.91	96.96 o
1	4	7	68.12	52.23	62.82 o
2	4	7	1409.89	1467.19	91.82 o
3	4	7	134.12	25.13	77.32 o
4	4	7	4055.38	4294.27	120.82 o
5	4	7	1060.44	1044.81	92.79 o
6	4	7	445.61	523.86	88.92 o
7	4	7	32.01	214.57	84.09 o
-7	5	7	0.15	58.96	80.22 o
-6	5	7	237.85	216.50	81.19 o
-5	5	7	60.21	-73.46	73.46 o
-4	5	7	949.61	954.93	81.19 o
-3	5	7	16.96	15.46	65.72 o
-2	5	7	17.28	-57.03	65.72 o
-1	5	7	114.84	6.06	54.89 o
0	5	7	1756.68	2054.01	66.88 o
1	5	7	156.59	101.49	89.89 o
2	5	7	3661.64	3672.80	121.78 o
3	5	7	348.73	237.77	90.85 o
4	5	7	42.55	114.05	86.99 o
5	5	7	39.58	-23.20	87.95 o
6	5	7	50.25	10.63	91.82 o
-6	6	7	2.16	107.28	81.19 o
-5	6	7	30.80	-31.90	82.15 o
-4	6	7	38.95	132.41	79.26 o
-3	6	7	37.78	107.28	76.36 o
-2	6	7	39.30	153.68	78.29 o
-1	6	7	1.49	-3.74	59.40 o
0	6	7	7.73	36.45	59.45 o
1	6	7	6.53	110.35	59.16 o
2	6	7	0.56	-21.26	93.75 o
3	6	7	45.53	-29.96	93.75 o
4	6	7	7.96	120.82	89.89 o
5	6	7	9.18	102.45	90.85 o
-4	7	7	1414.63	1285.48	99.55 o
-3	7	7	10.87	60.89	83.12 o
-2	7	7	99.67	144.98	83.12 o
-1	7	7	0.31	-65.24	65.24 o
0	7	7	1214.80	1197.11	76.32 o
1	7	7	1.99	-66.60	66.60 o
2	7	7	653.33	537.39	101.49 o
3	7	7	100.65	-32.86	87.95 o
-10	0	8	1692.03	1902.12	84.09 o
-9	0	8	1458.72	1358.93	78.29 o
-8	0	8	889.48	1031.28	70.56 o
-7	0	8	5.50	-16.43	51.23 o

-6	0	8	4261.01	4355.16	86.99 o
-5	0	8	788.95	706.53	56.06 o
-4	0	8	25814.44	27952.88	162.38 o
-3	0	8	3331.69	2909.24	64.76 o
-2	0	8	14282.18	13904.44	115.02 o
-1	0	8	2095.46	1892.11	87.47 o
0	0	8	32071.73	35752.63	142.08 o
1	0	8	554.18	530.73	32.51 o
2	0	8	399.60	521.92	41.56 o
3	0	8	519.62	490.99	47.36 o
4	0	8	15314.95	15519.50	145.95 o
5	0	8	2723.97	2706.27	80.22 o
6	0	8	2477.82	2528.43	86.02 o
7	0	8	79.57	87.95	61.86 o
8	0	8	3.72	5.80	64.76 o
9	0	8	119.03	-24.16	65.72 o
-10	1	8	742.55	779.83	57.99 o
-9	1	8	3.13	133.38	60.89 o
-8	1	8	2425.01	2498.41	61.16 o
-7	1	8	504.43	556.01	69.11 o
-6	1	8	659.73	770.67	41.62 o
-5	1	8	1515.96	1350.70	44.05 o
-4	1	8	20667.03	19962.85	277.88 o
-3	1	8	1265.37	1011.86	36.89 o
-2	1	8	18813.65	19583.63	134.83 o
-1	1	8	72.83	111.51	25.27 o
0	1	8	4638.50	4600.96	62.92 o
1	1	8	3.86	42.83	23.72 o
2	1	8	7399.94	7482.68	158.99 o
3	1	8	1632.67	1590.92	44.17 o
4	1	8	5560.50	6296.35	72.97 o
5	1	8	483.86	459.35	42.11 o
6	1	8	1395.51	1345.42	54.33 o
7	1	8	285.14	336.45	44.73 o
8	1	8	1266.61	1209.95	57.04 o
-9	2	8	24.65	-40.59	69.59 o
-8	2	8	288.01	200.07	69.59 o
-7	2	8	127.92	184.61	63.79 o
-6	2	8	1941.31	2016.17	76.36 o
-5	2	8	346.26	353.75	57.99 o
-4	2	8	553.52	596.35	57.03 o
-3	2	8	52.09	43.49	48.33 o
-2	2	8	8111.71	8186.47	94.72 o
-1	2	8	1881.85	1800.30	50.22 o
0	2	8	8191.15	7593.42	199.10 o
1	2	8	1642.51	1567.18	87.95 o
2	2	8	1048.12	1162.73	73.46 o
3	2	8	210.47	224.23	66.69 o
4	2	8	224.92	246.46	68.62 o
5	2	8	0.20	75.39	65.72 o
6	2	8	884.08	768.39	81.19 o
7	2	8	191.72	350.85	73.46 o
8	2	8	585.59	422.37	81.19 o
-9	3	8	0.30	67.66	73.46 o
-8	3	8	0.00	16.43	73.46 o
-7	3	8	14.26	-68.62	68.62 o
-6	3	8	32.69	35.76	62.82 o
-5	3	8	63.11	84.09	59.92 o
-4	3	8	63.45	118.88	60.89 o
-3	3	8	0.05	29.96	54.13 o
-2	3	8	62.43	111.15	53.16 o
-1	3	8	0.02	-9.89	46.08 o
0	3	8	50.31	246.57	70.56 o

1	3	8	42.65	-65.24	65.24 o
2	3	8	58.75	30.93	75.39 o
3	3	8	21.80	-76.36	76.36 o
4	3	8	14.28	105.35	74.42 o
5	3	8	70.95	117.92	79.26 o
6	3	8	0.05	165.28	79.26 o
7	3	8	5.41	32.86	82.15 o
8	3	8	9.92	44.46	76.36 o
-8	4	8	154.14	30.93	79.26 o
-7	4	8	169.82	226.17	74.42 o
-6	4	8	573.25	605.04	76.36 o
-5	4	8	36.18	-5.80	66.69 o
-4	4	8	389.31	418.51	65.72 o
-3	4	8	53.19	27.06	58.96 o
-2	4	8	2317.26	2334.16	81.19 o
-1	4	8	638.50	695.08	71.52 o
0	4	8	7114.58	7572.08	93.68 o
1	4	8	372.70	369.19	104.87 o
2	4	8	6.36	-69.59	81.19 o
3	4	8	35.88	44.46	81.19 o
4	4	8	65.75	97.62	85.05 o
5	4	8	97.77	125.65	83.12 o
6	4	8	313.81	284.16	90.85 o
7	4	8	219.32	107.28	93.75 o
-7	5	8	135.63	-7.73	81.19 o
-6	5	8	591.08	741.33	86.02 o
-5	5	8	855.24	928.83	82.15 o
-4	5	8	4480.99	4331.97	114.05 o
-3	5	8	428.83	384.68	71.52 o
-2	5	8	4786.63	4567.80	110.18 o
-1	5	8	8.10	2.27	55.43 o
0	5	8	1635.30	1824.63	69.44 o
1	5	8	1.50	-44.78	57.50 o
2	5	8	2961.98	3010.73	116.95 o
3	5	8	934.19	1129.87	95.69 o
4	5	8	1979.27	2075.13	110.18 o
5	5	8	168.73	126.61	93.75 o
6	5	8	943.64	829.28	103.42 o
-6	6	8	3670.18	3505.59	120.82 o
-5	6	8	30.59	31.90	81.19 o
-4	6	8	2155.57	2220.11	104.38 o
-3	6	8	421.97	318.95	86.02 o
-2	6	8	5006.79	4954.41	126.61 o
-1	6	8	93.77	38.84	90.85 o
0	6	8	271.50	427.16	60.38 o
1	6	8	39.65	-47.58	63.36 o
2	6	8	271.14	300.59	93.75 o
3	6	8	59.46	-33.83	98.59 o
4	6	8	1815.08	1601.53	115.02 o
5	6	8	631.54	632.11	97.62 o
-4	7	8	2922.22	2700.47	114.05 o
-3	7	8	146.97	-3.87	86.99 o
-2	7	8	744.65	568.32	92.79 o
-1	7	8	16.85	5.55	66.18 o
0	7	8	323.82	276.91	69.76 o
1	7	8	1.32	7.97	64.07 o
2	7	8	429.22	308.32	100.52 o
-10	1	9	19.87	11.18	43.72 o
-9	1	9	295.81	370.84	45.65 o
-8	1	9	744.50	773.69	48.47 o
-7	1	9	165.69	185.33	56.54 o
-6	1	9	0.11	-44.94	44.94 o
-5	1	9	54.54	27.14	85.54 o

-4	1	9	5075.95	5147.19	123.72 o
-3	1	9	2826.19	2507.83	59.92 o
-2	1	9	18356.67	19366.73	363.41 o
-1	1	9	26.91	18.58	27.71 o
0	1	9	1163.67	1201.08	35.96 o
1	1	9	43.28	30.08	25.48 o
2	1	9	392.43	559.89	36.20 o
3	1	9	3.99	-30.49	33.88 o
4	1	9	2168.11	2217.42	54.86 o
5	1	9	683.21	652.20	47.10 o
6	1	9	1656.56	1511.83	59.09 o
7	1	9	159.16	222.63	79.74 o
8	1	9	915.09	852.90	58.67 o
-9	2	9	314.06	222.30	75.39 o
-8	2	9	155.18	-29.00	69.59 o
-7	2	9	377.66	502.59	66.69 o
-6	2	9	8231.87	8077.25	119.85 o
-5	2	9	1357.03	1153.06	68.62 o
-4	2	9	1710.69	1450.75	68.62 o
-3	2	9	76.31	91.82	54.13 o
-2	2	9	3945.95	3839.04	78.29 o
-1	2	9	508.78	498.47	87.95 o
0	2	9	912.19	895.88	57.06 o
1	2	9	1378.71	1336.60	59.66 o
2	2	9	11791.92	12556.13	151.74 o
3	2	9	163.86	309.29	70.56 o
4	2	9	1497.61	1416.93	86.99 o
5	2	9	36.35	21.26	72.49 o
6	2	9	5016.62	4933.15	124.68 o
7	2	9	215.54	269.66	80.22 o
8	2	9	0.72	30.93	75.39 o
-9	3	9	1.76	44.46	75.39 o
-8	3	9	4596.48	4601.63	119.85 o
-7	3	9	51.77	153.68	66.69 o
-6	3	9	5288.64	5405.78	111.15 o
-5	3	9	1702.56	1552.24	78.29 o
-4	3	9	10724.59	10158.18	125.65 o
-3	3	9	1138.99	955.89	63.79 o
-2	3	9	3088.87	2668.58	79.26 o
-1	3	9	824.70	756.93	72.49 o
0	3	9	507.60	500.84	59.16 o
1	3	9	717.42	768.45	103.90 o
2	3	9	3785.57	3791.68	111.15 o
3	3	9	1759.00	1625.70	98.59 o
4	3	9	10199.64	10992.29	167.21 o
5	3	9	105.64	200.07	83.12 o
6	3	9	13.49	102.45	82.15 o
7	3	9	39.98	-50.26	86.02 o
8	3	9	2103.14	2043.23	108.25 o
-8	4	9	183.76	280.29	75.39 o
-7	4	9	89.52	8.70	74.42 o
-6	4	9	3016.20	3057.12	99.55 o
-5	4	9	1215.65	1186.89	79.26 o
-4	4	9	5698.35	5544.96	112.12 o
-3	4	9	17.19	44.46	61.86 o
-2	4	9	1425.10	1567.70	79.26 o
-1	4	9	206.23	235.99	89.40 o
0	4	9	5049.03	5486.92	123.72 o
1	4	9	357.26	465.62	182.67 o
2	4	9	1393.94	1585.10	98.59 o
3	4	9	144.95	-11.60	86.99 o
4	4	9	2100.77	2192.08	110.18 o
5	4	9	199.22	134.35	93.75 o

6	4	9	1406.14	1108.60	109.22 o
7	4	9	124.56	53.16	90.85 o
-7	5	9	7.81	29.96	81.19 o
-6	5	9	6.42	193.31	76.36 o
-5	5	9	29.27	-75.39	75.39 o
-4	5	9	1134.62	1077.68	86.02 o
-3	5	9	526.71	616.64	76.36 o
-2	5	9	3619.07	3696.96	105.35 o
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0	5	9	33.15	114.52	59.90 o
1	5	9	39.40	106.94	62.31 o
2	5	9	0.74	34.79	88.92 o
3	5	9	3.42	-38.66	90.85 o
4	5	9	346.21	370.18	95.69 o
5	5	9	78.52	85.05	97.62 o
6	5	9	428.33	582.81	96.65 o
-6	6	9	16.13	-13.53	86.99 o
-5	6	9	30.23	30.93	84.09 o
-4	6	9	11.84	-7.73	81.19 o
-3	6	9	8.44	-23.20	83.12 o
-2	6	9	0.46	-30.93	79.26 o
-1	6	9	0.10	15.68	63.82 o
0	6	9	39.26	89.23	66.69 o
1	6	9	6.48	0.66	64.54 o
2	6	9	2.99	80.22	92.79 o
3	6	9	36.90	99.55	94.72 o
4	6	9	14.41	16.43	98.59 o
-3	7	9	221.03	293.82	85.05 o
-2	7	9	617.80	516.12	93.75 o
-1	7	9	0.30	84.96	189.92 o
0	7	9	7.92	38.94	66.47 o
1	7	9	4.37	-67.40	67.40 o
2	7	9	27.39	137.25	96.65 o
-10	0	10	1604.50	1157.90	80.22 o
-9	0	10	386.73	419.47	65.72 o
-8	0	10	5531.98	5160.28	114.05 o
-7	0	10	873.31	977.16	69.59 o
-6	0	10	4494.92	4209.22	93.75 o
-5	0	10	4869.07	4474.05	93.75 o
-4	0	10	8895.28	8694.86	114.05 o
-3	0	10	2344.03	2178.55	74.42 o
-2	0	10	385.10	523.86	63.79 o
-1	0	10	119.52	133.17	42.99 o
0	0	10	15987.12	14680.55	145.46 o
1	0	10	1920.07	1922.10	52.70 o
2	0	10	11796.38	12078.67	134.35 o
3	0	10	7.11	22.23	49.29 o
4	0	10	597.70	575.08	64.76 o
5	0	10	291.00	378.88	61.86 o
6	0	10	2778.89	2832.89	97.62 o
7	0	10	593.67	731.66	76.36 o
8	0	10	302.54	460.07	75.39 o
-10	1	10	0.94	-13.07	59.92 o
-9	1	10	140.79	198.09	47.83 o
-8	1	10	3737.64	3475.26	69.99 o
-7	1	10	538.87	519.68	55.58 o
-6	1	10	5383.67	5353.69	194.75 o
-5	1	10	0.74	-32.52	49.78 o
-4	1	10	2036.16	2115.57	52.96 o
-3	1	10	1364.90	1318.33	48.09 o
-2	1	10	7396.73	7323.64	120.33 o
-1	1	10	111.03	62.92	35.39 o
0	1	10	9787.25	10569.36	92.80 o

1	1	10	428.75	326.70	30.50 o
2	1	10	685.29	539.46	41.57 o
3	1	10	196.33	232.54	38.08 o
4	1	10	6417.84	6716.75	216.98 o
5	1	10	145.52	185.39	44.17 o
6	1	10	7.28	-14.89	46.63 o
7	1	10	181.56	137.87	96.65 o
8	1	10	2415.25	2400.24	73.80 o
-9	2	10	92.75	-19.33	74.42 o
-8	2	10	82.83	220.37	65.72 o
-7	2	10	20.53	50.26	65.72 o
-6	2	10	2376.08	2313.86	86.02 o
-5	2	10	1679.96	1579.30	76.36 o
-4	2	10	4083.67	3821.64	88.92 o
-3	2	10	324.64	330.55	59.92 o
-2	2	10	1058.23	1047.71	67.66 o
-1	2	10	475.63	462.51	54.33 o
0	2	10	1699.02	1821.32	71.52 o
1	2	10	39.47	-23.62	71.52 o
2	2	10	4473.87	4542.67	119.85 o
3	2	10	336.00	362.45	82.15 o
4	2	10	3100.92	3173.10	109.22 o
5	2	10	81.44	140.15	74.42 o
6	2	10	2247.73	2384.42	111.15 o
7	2	10	22.49	0.00	83.12 o
8	2	10	417.84	216.50	86.99 o
-9	3	10	7.62	122.75	73.46 o
-8	3	10	19.31	1.93	75.39 o
-7	3	10	2.64	46.39	70.56 o
-6	3	10	27.11	-66.69	66.69 o
-5	3	10	0.01	25.13	62.82 o
-4	3	10	21.93	-63.79	63.79 o
-3	3	10	5.34	0.97	61.86 o
-2	3	10	102.06	29.96	63.79 o
-1	3	10	161.93	153.17	55.43 o
0	3	10	36.24	121.53	62.31 o
1	3	10	54.70	275.98	64.76 o
2	3	10	23.91	74.42	84.09 o
3	3	10	37.72	17.40	84.09 o
4	3	10	182.20	363.41	87.95 o
5	3	10	11.08	-85.05	86.99 o
6	3	10	71.90	60.89	90.85 o
7	3	10	16.19	-48.33	86.99 o
-8	4	10	78.99	86.02	80.22 o
-7	4	10	17.85	122.75	75.39 o
-6	4	10	916.33	802.22	84.09 o
-5	4	10	1476.02	1432.39	85.05 o
-4	4	10	4126.57	4143.49	104.38 o
-3	4	10	22.65	29.00	64.76 o
-2	4	10	11.24	-17.40	65.72 o
-1	4	10	65.67	29.81	57.04 o
0	4	10	31.04	-17.91	60.78 o
1	4	10	3.03	59.28	80.70 o
2	4	10	1929.45	1897.29	112.12 o
3	4	10	272.68	370.18	89.89 o
4	4	10	1579.32	1643.09	114.05 o
5	4	10	35.36	240.66	90.85 o
6	4	10	873.59	887.27	107.28 o
7	4	10	0.32	-91.82	91.82 o
-7	5	10	298.32	210.70	83.12 o
-6	5	10	2369.09	2171.78	106.32 o
-5	5	10	2.24	-78.29	78.29 o
-4	5	10	932.79	956.86	82.15 o

-3	5	10	793.82	838.94	82.15	o
-2	5	10	2746.73	2966.27	100.52	o
-1	5	10	1.53	164.95	58.20	o
0	5	10	3205.50	3327.86	88.75	o
1	5	10	97.52	55.05	93.75	o
2	5	10	1074.36	984.89	106.32	o
3	5	10	133.87	137.25	95.69	o
4	5	10	2533.97	2266.50	125.65	o
5	5	10	176.00	195.24	96.65	o
6	5	10	10.73	165.28	90.85	o
-6	6	10	1802.99	1797.74	103.42	o
-5	6	10	505.93	419.47	88.92	o
-4	6	10	279.10	267.73	87.95	o
-3	6	10	108.38	146.91	82.15	o
-2	6	10	245.23	207.80	83.12	o
-1	6	10	128.24	99.58	68.27	o
0	6	10	1358.64	1634.68	193.31	o
1	6	10	477.78	516.46	86.99	o
2	6	10	6852.95	6101.68	169.14	o
3	6	10	15.26	88.92	98.59	o
4	6	10	288.66	297.69	99.55	o
-3	7	10	134.64	146.91	86.02	o
-2	7	10	447.60	332.48	90.85	o
-1	7	10	4.53	25.39	118.88	o
0	7	10	1284.64	977.19	82.64	o
1	7	10	40.46	51.55	102.45	o
-10	1	11	9.68	28.85	107.28	o
-9	1	11	6.23	25.46	102.45	o
-8	1	11	960.96	873.48	57.99	o
-7	1	11	1216.35	1169.19	53.94	o
-6	1	11	5273.15	5359.28	95.69	o
-5	1	11	33.26	20.78	43.72	o
-4	1	11	1035.67	1040.63	51.26	o
-3	1	11	96.63	179.95	46.41	o
-2	1	11	397.60	565.55	51.73	o
-1	1	11	140.63	103.05	36.11	o
0	1	11	5733.51	5028.92	68.36	o
1	1	11	739.43	714.26	37.18	o
2	1	11	6508.40	6808.18	211.67	o
3	1	11	444.26	652.12	46.19	o
4	1	11	2177.87	2351.32	120.33	o
5	1	11	43.19	51.77	46.10	o
6	1	11	828.85	1091.34	106.32	o
7	1	11	513.39	498.78	57.60	o
8	1	11	233.80	378.45	60.41	o
-9	2	11	209.34	271.59	78.29	o
-8	2	11	920.67	840.88	83.12	o
-7	2	11	58.41	65.72	67.66	o
-6	2	11	909.24	995.52	73.46	o
-5	2	11	1618.35	1740.71	78.29	o
-4	2	11	1067.49	1091.21	74.42	o
-3	2	11	81.45	-6.77	62.82	o
-2	2	11	11765.29	11971.38	137.25	o
-1	2	11	195.65	254.72	111.63	o
0	2	11	580.62	427.38	165.76	o
1	2	11	55.14	18.85	59.16	o
2	2	11	21577.17	22488.15	222.30	o
3	2	11	75.52	99.55	79.26	o
4	2	11	1886.80	1905.02	103.42	o
5	2	11	133.89	96.65	82.15	o
6	2	11	4973.86	5542.06	141.11	o
7	2	11	37.63	125.65	82.15	o
8	2	11	544.41	493.89	84.09	o

-9	3	11	239.05	245.50	79.26 o
-8	3	11	1713.45	1704.95	96.65 o
-7	3	11	621.42	676.57	78.29 o
-6	3	11	1526.46	1581.24	86.02 o
-5	3	11	1160.08	1075.74	77.32 o
-4	3	11	614.02	577.02	69.59 o
-3	3	11	509.15	563.48	69.59 o
-2	3	11	3874.99	3558.75	96.65 o
-1	3	11	756.85	881.70	64.25 o
0	3	11	22057.52	22800.49	397.24 o
1	3	11	2.60	-57.34	65.74 o
2	3	11	657.48	690.10	95.69 o
3	3	11	24.92	167.21	85.05 o
4	3	11	5710.63	6279.52	154.64 o
5	3	11	144.86	198.14	89.89 o
6	3	11	27.91	-69.59	92.79 o
7	3	11	235.06	281.26	94.72 o
-8	4	11	2001.34	1865.39	104.38 o
-7	4	11	9.69	-15.46	76.36 o
-6	4	11	332.89	309.29	79.26 o
-5	4	11	861.19	700.73	81.19 o
-4	4	11	3883.38	4311.67	108.25 o
-3	4	11	259.32	244.53	69.59 o
-2	4	11	1300.53	1310.61	86.02 o
-1	4	11	6.22	37.09	66.69 o
0	4	11	2042.21	2100.55	80.43 o
1	4	11	131.54	163.65	141.11 o
2	4	11	4658.02	5034.63	143.05 o
3	4	11	20.71	-98.59	98.59 o
4	4	11	123.83	190.41	95.69 o
5	4	11	148.39	134.35	96.65 o
6	4	11	1418.24	1498.11	115.98 o
-7	5	11	274.31	451.37	82.15 o
-6	5	11	1899.70	1823.83	104.38 o
-5	5	11	22.98	-80.22	80.22 o
-4	5	11	40.83	-76.36	78.29 o
-3	5	11	21.84	1.93	76.36 o
-2	5	11	2.17	-67.66	77.32 o
-1	5	11	16.30	35.50	94.72 o
0	5	11	684.68	803.56	73.47 o
1	5	11	60.41	123.15	121.78 o
2	5	11	1248.12	1279.68	115.98 o
3	5	11	72.17	150.78	99.55 o
4	5	11	722.72	597.31	115.98 o
5	5	11	29.31	4.83	103.42 o
-5	6	11	10.22	29.00	83.12 o
-4	6	11	26.21	46.39	86.02 o
-3	6	11	80.99	-7.73	86.02 o
-2	6	11	4.24	70.56	88.92 o
-1	6	11	7.04	17.15	68.04 o
0	6	11	6.40	-36.36	75.39 o
1	6	11	27.37	11.08	75.78 o
2	6	11	271.21	638.87	112.12 o
3	6	11	0.02	-106.32	106.32 o
4	6	11	0.10	-37.69	97.62 o
-2	7	11	40.58	-36.73	87.95 o
-1	7	11	1.08	35.85	68.53 o
0	7	11	2065.32	2154.58	90.77 o
1	7	11	35.39	-105.35	105.35 o
-10	0	12	218.15	169.14	66.69 o
-9	0	12	761.28	756.79	78.29 o
-8	0	12	2833.13	3105.45	101.49 o
-7	0	12	677.16	838.94	72.49 o

-6	0	12	3.93	41.56	65.72 o
-5	0	12	456.47	636.94	74.42 o
-4	0	12	14835.38	14739.51	162.38 o
-3	0	12	68.08	21.26	74.42 o
-2	0	12	11484.23	11949.15	151.74 o
-1	0	12	1154.44	963.89	61.50 o
0	0	12	2070.12	2213.24	138.21 o
1	0	12	401.35	342.40	71.04 o
2	0	12	5830.48	5780.79	117.92 o
3	0	12	587.70	470.70	70.56 o
4	0	12	10.12	-44.46	63.79 o
5	0	12	185.24	268.69	68.62 o
6	0	12	3171.47	2978.83	116.95 o
7	0	12	893.10	907.57	91.82 o
8	0	12	4502.01	4041.04	126.61 o
-9	1	12	0.01	-5.31	48.39 o
-8	1	12	200.86	131.04	49.08 o
-7	1	12	996.60	1105.85	55.70 o
-6	1	12	4138.60	4438.26	242.11 o
-5	1	12	997.01	940.68	52.96 o
-4	1	12	5726.91	6383.92	82.98 o
-3	1	12	86.26	53.22	89.40 o
-2	1	12	686.97	564.93	59.56 o
-1	1	12	624.20	528.65	43.01 o
0	1	12	16260.32	16029.27	183.75 o
1	1	12	0.22	43.76	46.32 o
2	1	12	3359.32	3546.43	75.24 o
3	1	12	2.52	-15.73	50.74 o
4	1	12	3679.99	3751.09	79.82 o
5	1	12	53.37	69.00	49.67 o
6	1	12	1188.53	1219.91	64.54 o
7	1	12	435.59	479.98	59.27 o
8	1	12	502.67	492.48	61.37 o
-9	2	12	372.62	529.66	79.26 o
-8	2	12	1771.24	1949.48	96.65 o
-7	2	12	156.61	233.90	68.62 o
-6	2	12	423.50	591.51	71.52 o
-5	2	12	87.11	83.12	66.69 o
-4	2	12	233.94	247.43	70.56 o
-3	2	12	165.82	193.31	71.52 o
-2	2	12	4226.69	4457.62	110.18 o
-1	2	12	221.10	232.22	63.02 o
0	2	12	6042.76	6440.39	102.52 o
1	2	12	229.29	145.42	65.60 o
2	2	12	5154.67	5747.93	145.95 o
3	2	12	75.55	-11.60	84.09 o
4	2	12	428.85	548.99	90.85 o
5	2	12	354.36	285.13	89.89 o
6	2	12	467.01	467.80	97.62 o
7	2	12	37.12	-81.19	89.89 o
-9	3	12	0.17	-46.39	76.36 o
-8	3	12	0.08	-25.13	78.29 o
-7	3	12	1.32	-75.39	75.39 o
-6	3	12	20.71	25.13	72.49 o
-5	3	12	110.74	105.35	71.52 o
-4	3	12	9.14	104.38	68.62 o
-3	3	12	2.26	99.55	68.62 o
-2	3	12	19.99	-41.56	72.49 o
-1	3	12	120.68	86.39	63.61 o
0	3	12	518.29	435.30	78.88 o
1	3	12	41.96	-12.18	71.28 o
2	3	12	59.89	109.22	93.75 o
3	3	12	28.83	28.03	91.82 o

4	3	12	9.67	122.75	99.55 o
5	3	12	11.21	9.67	98.59 o
6	3	12	0.80	-101.49	101.49 o
7	3	12	0.02	149.81	92.79 o
-8	4	12	1792.74	1617.00	102.45 o
-7	4	12	5.84	-5.80	81.19 o
-6	4	12	21.60	49.29	75.39 o
-5	4	12	9.97	-73.46	73.46 o
-4	4	12	29.72	13.53	74.42 o
-3	4	12	165.16	201.04	74.42 o
-2	4	12	2030.59	2136.99	96.65 o
-1	4	12	10.65	-39.65	62.21 o
0	4	12	3062.03	3390.51	208.29 o
1	4	12	153.87	88.37	75.82 o
2	4	12	1877.27	1950.45	122.75 o
3	4	12	24.91	220.37	97.62 o
4	4	12	870.43	1021.62	115.02 o
5	4	12	440.59	526.76	113.08 o
6	4	12	204.43	267.73	103.42 o
-7	5	12	698.99	664.00	89.89 o
-6	5	12	2413.30	2573.86	110.18 o
-5	5	12	358.12	357.61	82.15 o
-4	5	12	2095.02	1940.78	101.49 o
-3	5	12	18.54	-19.33	79.26 o
-2	5	12	1095.38	1072.84	91.82 o
-1	5	12	90.18	108.18	66.18 o
0	5	12	5448.86	5501.36	112.46 o
1	5	12	17.41	75.90	76.46 o
2	5	12	1128.61	1141.47	121.78 o
3	5	12	12.47	-81.19	105.35 o
4	5	12	1279.64	1223.62	120.82 o
5	5	12	31.45	189.44	99.55 o
-5	6	12	235.90	238.73	86.99 o
-4	6	12	1772.97	1658.56	110.18 o
-3	6	12	40.96	31.90	87.95 o
-2	6	12	6823.42	6584.94	155.61 o
-1	6	12	55.53	-109.19	167.21 o
0	6	12	702.55	720.71	80.62 o
1	6	12	2.20	26.74	75.82 o
2	6	12	4699.19	4445.05	158.51 o
3	6	12	32.77	153.68	102.45 o
-1	7	12	95.50	76.90	71.66 o
-9	1	13	5.92	3.90	51.93 o
-8	1	13	341.97	355.87	54.33 o
-7	1	13	2.79	0.78	50.15 o
-6	1	13	41.71	37.46	50.23 o
-5	1	13	567.00	607.51	68.62 o
-4	1	13	2332.58	2197.56	69.25 o
-3	1	13	149.36	198.58	151.26 o
-2	1	13	6524.46	6770.24	291.41 o
-1	1	13	851.25	867.50	47.38 o
0	1	13	3726.58	3387.31	67.47 o
1	1	13	318.73	314.69	41.97 o
2	1	13	394.23	483.14	55.43 o
3	1	13	595.75	571.78	60.89 o
4	1	13	56.13	73.02	50.34 o
5	1	13	2.15	10.11	74.91 o
6	1	13	109.26	77.91	56.97 o
7	1	13	0.77	109.08	55.84 o
-9	2	13	482.35	661.10	82.15 o
-8	2	13	1720.98	1876.03	101.49 o
-7	2	13	90.74	81.19	77.32 o
-6	2	13	3539.74	3617.71	107.28 o

-5	2	13	234.13	288.02	71.52 o
-4	2	13	1547.76	1570.60	86.02 o
-2	2	13	21554.89	21387.28	202.97 o
-1	2	13	24.42	21.15	67.84 o
0	2	13	8582.51	9420.94	164.79 o
1	2	13	2.79	-0.86	70.35 o
2	2	13	6379.64	6158.70	155.61 o
3	2	13	1.15	209.74	89.89 o
4	2	13	1094.12	1409.19	103.42 o
5	2	13	542.45	529.66	101.49 o
6	2	13	119.60	206.84	91.82 o
7	2	13	665.79	660.14	100.52 o
-8	3	13	150.95	261.93	81.19 o
-7	3	13	722.34	750.99	84.09 o
-6	3	13	4906.73	5166.08	124.68 o
-5	3	13	3.05	-71.52	71.52 o
-4	3	13	10621.38	10939.14	152.71 o
-3	3	13	455.60	424.30	76.36 o
-2	3	13	606.65	708.46	85.05 o
-1	3	13	38.98	-15.63	67.52 o
0	3	13	9867.62	10598.28	133.93 o
1	3	13	28.91	-51.14	115.50 o
2	3	13	2032.17	2044.20	125.65 o
3	3	13	36.59	-24.16	100.52 o
4	3	13	2274.96	2451.11	130.48 o
5	3	13	952.41	866.97	120.82 o
6	3	13	3693.54	3466.93	145.95 o
-8	4	13	2403.21	2227.84	112.12 o
-7	4	13	289.98	353.75	85.05 o
-6	4	13	413.01	491.96	83.12 o
-5	4	13	31.46	-77.32	77.32 o
-4	4	13	2115.22	2310.96	100.52 o
-3	4	13	31.58	57.03	75.39 o
-2	4	13	4747.93	4976.64	126.61 o
-1	4	13	72.47	103.91	65.72 o
0	4	13	1181.24	1473.03	111.63 o
1	4	13	15.28	-20.24	186.06 o
2	4	13	1152.59	1156.93	114.05 o
3	4	13	0.94	7.73	105.35 o
4	4	13	1885.74	1796.77	133.38 o
5	4	13	160.98	77.32	111.15 o
6	4	13	325.11	456.20	108.25 o
-7	5	13	0.02	-54.13	82.15 o
-6	5	13	54.71	38.66	86.99 o
-5	5	13	104.80	-84.09	84.09 o
-4	5	13	312.18	412.71	85.05 o
-3	5	13	5.24	-39.63	84.09 o
-2	5	13	1190.58	1237.15	100.52 o
-1	5	13	133.95	199.33	68.03 o
0	5	13	987.88	917.33	84.15 o
1	5	13	115.91	72.43	80.50 o
2	5	13	455.06	374.05	112.12 o
3	5	13	75.21	147.88	108.25 o
4	5	13	316.08	261.93	114.05 o
5	5	13	20.64	43.49	103.42 o
-5	6	13	0.39	16.43	85.05 o
-4	6	13	11.18	-26.10	87.95 o
-3	6	13	12.15	-41.56	86.99 o
-2	6	13	307.87	491.96	105.35 o
-1	6	13	10.20	136.77	72.22 o
0	6	13	12.33	38.66	139.18 o
1	6	13	46.08	57.74	108.25 o
2	6	13	58.75	167.21	110.18 o

3	6	13	34.92	-34.79	104.38 o
-9	0	14	569.33	651.44	81.19 o
-8	0	14	7759.25	8073.39	152.71 o
-7	0	14	226.49	234.87	78.29 o
-6	0	14	2812.19	3118.98	108.25 o
-5	0	14	1969.11	1832.53	95.69 o
-4	0	14	745.18	870.84	90.85 o
-3	0	14	60.56	99.55	87.95 o
-2	0	14	6315.08	6411.93	144.01 o
-1	0	14	123.44	157.21	74.91 o
0	0	14	1424.29	1302.17	114.05 o
1	0	14	170.22	154.49	60.61 o
2	0	14	1547.74	1353.14	92.79 o
3	0	14	859.23	711.36	89.89 o
4	0	14	18898.55	19338.24	242.60 o
5	0	14	607.78	766.45	88.92 o
6	0	14	133.53	201.04	83.12 o
7	0	14	334.28	378.88	85.05 o
-9	1	14	202.80	114.90	55.04 o
-8	1	14	926.56	966.87	62.15 o
-7	1	14	2.45	130.69	51.24 o
-6	1	14	1483.09	1519.36	65.27 o
-5	1	14	42.18	-33.23	95.69 o
-4	1	14	6765.76	6904.67	209.25 o
-3	1	14	82.29	145.23	146.43 o
-2	1	14	3324.15	3673.65	89.03 o
-1	1	14	104.40	210.90	46.23 o
0	1	14	3412.91	3236.25	65.36 o
1	1	14	152.35	203.44	43.54 o
2	1	14	2793.50	2857.21	78.45 o
3	1	14	520.50	534.90	58.76 o
4	1	14	400.22	411.65	59.14 o
5	1	14	1166.21	1249.92	71.01 o
6	1	14	3158.17	3352.77	91.08 o
7	1	14	34.58	46.19	86.99 o
-9	2	14	2.76	-15.46	77.32 o
-8	2	14	16.16	148.84	80.22 o
-7	2	14	225.74	140.15	81.19 o
-6	2	14	889.02	738.43	88.92 o
-5	2	14	22.56	48.33	73.46 o
-4	2	14	3142.11	3241.73	105.35 o
-3	2	14	413.80	303.49	84.09 o
-2	2	14	5414.44	5835.88	136.28 o
-1	2	14	147.82	146.81	158.99 o
0	2	14	132.43	135.02	77.83 o
1	2	14	146.84	69.00	73.77 o
2	2	14	363.02	116.95	101.49 o
3	2	14	2.09	89.89	94.72 o
4	2	14	70.29	345.05	98.59 o
5	2	14	16.07	154.64	100.52 o
6	2	14	1.16	7.73	94.72 o
7	2	14	236.79	278.36	98.59 o
-8	3	14	2.73	66.69	81.19 o
-7	3	14	0.74	-32.86	78.29 o
-6	3	14	0.04	42.53	76.36 o
-5	3	14	60.11	181.71	73.46 o
-4	3	14	228.43	258.06	82.15 o
-3	3	14	44.20	144.98	76.36 o
-2	3	14	49.62	85.05	83.12 o
-1	3	14	16.17	32.75	69.35 o
0	3	14	31.38	-76.54	76.54 o
1	3	14	26.53	48.31	75.53 o
2	3	14	10.61	63.79	110.18 o

3	3	14	2.10	26.10	103.42 o
4	3	14	54.25	30.93	111.15 o
5	3	14	27.76	142.08	109.22 o
6	3	14	1.98	-2.90	110.18 o
-8	4	14	225.25	317.99	83.12 o
-7	4	14	274.84	295.76	86.99 o
-6	4	14	384.15	506.46	85.05 o
-5	4	14	29.14	27.06	82.15 o
-4	4	14	1835.49	1826.73	102.45 o
-3	4	14	254.82	194.27	81.19 o
-2	4	14	1937.60	1993.94	108.25 o
-1	4	14	159.89	147.65	72.87 o
0	4	14	517.03	629.34	82.66 o
1	4	14	241.28	216.27	82.78 o
2	4	14	2.44	-41.56	107.28 o
3	4	14	5.65	16.43	112.12 o
4	4	14	644.15	597.31	122.75 o
5	4	14	5.10	2.90	112.12 o
-6	5	14	1023.34	804.15	96.65 o
-5	5	14	4.97	84.09	82.15 o
-4	5	14	2630.71	2452.08	114.05 o
-3	5	14	83.91	31.90	85.05 o
-2	5	14	1179.83	1540.64	104.38 o
-1	5	14	56.08	156.01	115.98 o
0	5	14	1010.58	1163.33	87.14 o
1	5	14	89.54	136.00	143.53 o
2	5	14	1668.89	1629.56	134.35 o
3	5	14	386.00	576.05	117.92 o
4	5	14	4.05	88.92	111.15 o
-4	6	14	318.30	321.85	92.79 o
-3	6	14	19.15	134.35	90.85 o
-2	6	14	4872.69	4636.42	150.78 o
-1	6	14	0.72	-74.78	74.78 o
0	6	14	832.75	778.90	84.61 o
1	6	14	1.13	127.15	99.55 o
2	6	14	539.10	454.27	110.18 o
-9	1	15	309.24	285.65	58.36 o
-8	1	15	251.81	137.59	78.77 o
-7	1	15	18.04	68.43	55.01 o
-6	1	15	1911.76	1787.16	71.76 o
-5	1	15	481.83	429.51	61.51 o
-4	1	15	2274.95	2509.68	79.65 o
-3	1	15	552.87	664.28	73.46 o
-2	1	15	343.93	445.17	74.95 o
-1	1	15	257.12	208.54	50.71 o
0	1	15	64.02	14.49	54.41 o
1	1	15	11.13	-50.36	50.36 o
2	1	15	935.27	729.83	113.08 o
3	1	15	0.69	-8.14	112.12 o
4	1	15	0.29	-59.16	59.16 o
5	1	15	672.52	774.24	77.81 o
6	1	15	2633.81	2651.20	92.51 o
7	1	15	4.35	-41.57	59.44 o
-9	2	15	0.10	-57.99	77.32 o
-8	2	15	1118.39	1196.56	96.65 o
-7	2	15	36.48	134.35	79.26 o
-6	2	15	5147.88	5350.69	129.51 o
-5	2	15	111.71	72.49	81.19 o
-4	2	15	2165.79	2223.98	103.42 o
-3	2	15	144.51	215.54	85.05 o
-2	2	15	6955.15	6764.71	152.71 o
-1	2	15	35.63	3.34	76.36 o
0	2	15	1310.21	1619.36	101.00 o

1	2	15	96.52	54.80	76.51 o
2	2	15	22.65	130.48	99.55 o
3	2	15	848.27	856.34	117.92 o
4	2	15	3552.30	3737.55	150.78 o
5	2	15	144.81	0.00	109.22 o
6	2	15	586.89	565.42	117.92 o
-8	3	15	1998.22	1661.46	102.45 o
-7	3	15	391.98	490.03	86.99 o
-6	3	15	47.67	-82.15	82.15 o
-5	3	15	83.36	256.13	79.26 o
-4	3	15	6023.68	6184.80	139.18 o
-3	3	15	14.70	-70.56	84.09 o
-2	3	15	2392.22	2480.10	115.02 o
-1	3	15	283.87	366.31	116.95 o
0	3	15	1161.01	1343.00	121.78 o
1	3	15	705.24	697.38	113.57 o
2	3	15	11468.35	10522.56	213.60 o
3	3	15	592.77	749.06	118.88 o
4	3	15	160.17	286.09	114.05 o
5	3	15	401.34	368.25	125.65 o
6	3	15	1315.97	1401.46	128.55 o
-7	4	15	30.43	1.93	82.15 o
-6	4	15	1528.54	1555.14	101.49 o
-5	4	15	430.21	480.36	86.02 o
-4	4	15	197.00	275.46	86.02 o
-3	4	15	72.79	-21.26	89.89 o
-2	4	15	1266.92	1235.22	105.35 o
-1	4	15	56.12	40.28	76.84 o
0	4	15	2631.17	2684.12	204.42 o
1	4	15	2.49	-24.42	83.25 o
2	4	15	167.04	44.46	115.02 o
3	4	15	690.95	395.31	127.58 o
4	4	15	4858.18	4644.15	177.84 o
5	4	15	0.88	-80.22	115.02 o
-6	5	15	484.98	451.37	92.79 o
-5	5	15	144.41	226.17	86.02 o
-4	5	15	771.95	726.83	97.62 o
-3	5	15	180.43	285.13	89.89 o
-2	5	15	395.17	423.34	99.55 o
-1	5	15	0.46	4.18	205.39 o
0	5	15	286.66	471.66	83.38 o
1	5	15	1.06	12.61	86.59 o
2	5	15	277.19	264.83	127.58 o
3	5	15	11.44	106.32	115.02 o
4	5	15	30.49	172.04	109.22 o
-4	6	15	0.28	-14.50	92.79 o
-3	6	15	28.94	-22.23	91.82 o
-2	6	15	65.06	-25.13	99.55 o
-1	6	15	23.27	209.22	75.00 o
0	6	15	6.53	-43.71	82.18 o
1	6	15	0.57	52.51	84.08 o
-9	0	16	611.41	518.06	89.89 o
-8	0	16	29.36	114.05	84.09 o
-7	0	16	41.62	-12.56	87.95 o
-6	0	16	2812.09	2991.40	122.75 o
-5	0	16	101.88	194.27	87.95 o
-4	0	16	122.87	160.44	94.72 o
-3	0	16	1525.88	1386.00	114.05 o
-2	0	16	1600.75	1588.97	118.88 o
-1	0	16	921.56	1112.30	79.24 o
0	0	16	38538.49	38771.68	1303.36 o
1	0	16	240.48	232.05	82.15 o
2	0	16	184.40	134.35	92.79 o

3	0	16	877.79	716.20	100.52 o
4	0	16	3908.87	4378.36	153.68 o
5	0	16	1053.64	1269.05	104.38 o
6	0	16	35.94	200.07	95.69 o
-9	1	16	17.13	130.21	101.00 o
-8	1	16	1383.65	1205.95	69.67 o
-7	1	16	416.38	397.20	75.39 o
-6	1	16	52.50	-18.97	98.59 o
-5	1	16	665.34	715.26	74.91 o
-4	1	16	3870.86	4168.66	139.66 o
-3	1	16	372.82	311.19	71.22 o
-2	1	16	2162.45	2191.14	124.20 o
-1	1	16	49.73	20.03	51.63 o
0	1	16	125.92	130.32	57.89 o
1	1	16	456.10	536.21	52.88 o
2	1	16	9876.87	10113.09	370.18 o
3	1	16	0.72	-61.86	61.86 o
4	1	16	246.08	297.56	68.11 o
5	1	16	19.40	-21.71	116.47 o
6	1	16	1431.83	1399.90	84.24 o
-8	2	16	770.73	700.73	93.75 o
-7	2	16	218.61	255.16	86.02 o
-6	2	16	2257.95	2448.21	111.15 o
-5	2	16	194.08	234.87	86.99 o
-4	2	16	319.08	499.69	93.75 o
-3	2	16	0.61	3.87	90.85 o
-2	2	16	369.08	346.02	97.62 o
-1	2	16	22.90	-75.11	96.17 o
0	2	16	280.21	164.22	86.59 o
1	2	16	45.97	102.82	79.95 o
2	2	16	14.41	101.49	106.32 o
3	2	16	559.12	693.97	116.95 o
4	2	16	2240.81	2290.67	144.98 o
5	2	16	2.25	-115.02	115.02 o
6	2	16	390.34	157.54	119.85 o
-8	3	16	22.72	127.58	84.09 o
-7	3	16	25.70	-3.87	86.02 o
-6	3	16	61.12	91.82	85.05 o
-5	3	16	3.57	27.06	85.05 o
-4	3	16	14.70	23.20	86.02 o
-3	3	16	17.45	-91.82	91.82 o
-2	3	16	9.20	21.26	98.59 o
-1	3	16	25.64	248.19	77.77 o
0	3	16	53.94	103.02	174.46 o
1	3	16	12.77	2.99	98.10 o
2	3	16	21.03	50.26	125.65 o
3	3	16	0.04	-35.76	124.68 o
4	3	16	3.17	32.86	122.75 o
5	3	16	0.20	13.53	118.88 o
-7	4	16	92.15	46.39	84.09 o
-6	4	16	913.94	803.18	101.49 o
-5	4	16	332.18	282.23	94.72 o
-4	4	16	758.68	730.69	97.62 o
-3	4	16	0.47	-89.89	89.89 o
-2	4	16	2.32	-99.55	99.55 o
-1	4	16	43.18	-3.08	79.25 o
0	4	16	1360.09	1439.33	102.45 o
1	4	16	104.10	242.38	87.88 o
2	4	16	22.85	270.63	114.05 o
3	4	16	663.68	627.28	137.25 o
4	4	16	2531.25	2369.92	161.41 o
-6	5	16	40.53	67.66	86.02 o
-5	5	16	311.62	251.30	90.85 o

-4	5	16	1386.08	1272.91	109.22 o
-3	5	16	205.80	263.86	96.65 o
-2	5	16	1426.87	1343.47	116.95 o
-1	5	16	1.21	132.15	77.19 o
0	5	16	79.86	-23.24	87.47 o
1	5	16	122.68	-13.25	92.62 o
2	5	16	4994.15	4640.29	177.84 o
3	5	16	42.21	-30.93	117.92 o
-3	6	16	267.12	264.83	95.69 o
-2	6	16	536.87	494.86	101.49 o
-1	6	16	105.26	124.41	80.63 o
0	6	16	3637.09	3201.32	165.76 o
-9	1	17	135.26	241.14	59.11 o
-8	1	17	873.07	801.34	71.72 o
-7	1	17	514.59	586.40	74.91 o
-6	1	17	723.87	870.89	77.81 o
-5	1	17	5.42	-68.33	68.33 o
-4	1	17	49.79	-23.09	70.92 o
-3	1	17	17.75	-19.58	73.35 o
-2	1	17	765.93	573.95	88.56 o
-1	1	17	179.40	136.54	54.63 o
0	1	17	0.19	32.20	52.96 o
1	1	17	531.49	547.25	57.63 o
2	1	17	6066.91	6210.29	133.26 o
3	1	17	1.76	-46.87	66.20 o
4	1	17	347.33	423.44	150.29 o
5	1	17	272.27	452.87	214.09 o
6	1	17	9.96	95.59	68.56 o
-8	2	17	23.58	5.80	86.99 o
-7	2	17	470.13	472.63	95.69 o
-6	2	17	5150.04	5386.45	145.95 o
-5	2	17	31.07	100.52	88.92 o
-4	2	17	734.78	670.77	100.52 o
-3	2	17	275.11	288.99	98.59 o
-2	2	17	62.07	59.92	100.52 o
-1	2	17	12.33	71.71	130.48 o
0	2	17	7285.36	7868.95	212.64 o
1	2	17	10.20	112.02	140.63 o
2	2	17	651.99	654.34	122.75 o
3	2	17	332.61	393.38	116.95 o
4	2	17	1982.27	1818.03	145.95 o
5	2	17	191.08	231.97	123.72 o
-8	3	17	1954.89	1764.88	111.15 o
-7	3	17	103.78	83.12	92.79 o
-6	3	17	117.36	105.35	90.85 o
-5	3	17	1357.51	1377.30	107.28 o
-4	3	17	2187.71	2149.55	116.95 o
-3	3	17	266.26	394.34	100.52 o
-2	3	17	10781.57	10336.02	200.07 o
-1	3	17	93.30	-14.49	84.30 o
0	3	17	233.17	127.92	94.24 o
1	3	17	58.05	-43.27	86.79 o
2	3	17	3033.98	3354.81	174.94 o
3	3	17	671.44	553.82	145.95 o
4	3	17	326.27	550.92	138.21 o
5	3	17	89.50	200.07	121.78 o
-7	4	17	217.55	218.43	86.99 o
-6	4	17	1350.64	1222.65	107.28 o
-5	4	17	51.90	35.76	89.89 o
-4	4	17	1495.63	1443.99	111.15 o
-3	4	17	462.95	398.21	102.45 o
-2	4	17	114.18	-19.33	100.52 o
-1	4	17	106.14	162.32	82.97 o

0	4	17	8639.46	8781.52	161.89 o
1	4	17	25.00	66.20	91.01 o
2	4	17	63.11	159.48	124.68 o
3	4	17	14.79	-127.58	127.58 o
4	4	17	1352.28	1300.94	146.91 o
-5	5	17	28.80	-49.29	89.89 o
-4	5	17	296.47	266.76	95.69 o
-3	5	17	11.34	-99.55	99.55 o
-2	5	17	254.06	190.41	112.12 o
-1	5	17	47.80	4.99	105.83 o
0	5	17	39.32	-89.17	89.17 o
1	5	17	78.14	178.27	93.66 o
2	5	17	1546.33	1207.19	147.88 o
-8	0	18	128.23	186.54	94.72 o
-7	0	18	2219.99	2281.00	126.61 o
-6	0	18	3127.77	3473.69	138.21 o
-5	0	18	157.00	137.25	103.42 o
-4	0	18	17868.07	18499.30	247.43 o
-3	0	18	118.98	138.21	110.18 o
-2	0	18	396.77	453.30	117.92 o
-1	0	18	77.46	108.21	78.14 o
0	0	18	6452.92	7153.44	552.85 o
1	0	18	276.98	300.02	81.88 o
2	0	18	58.26	29.00	104.38 o
3	0	18	24.54	2.90	104.38 o
4	0	18	2594.50	2549.69	150.78 o
5	0	18	100.37	216.50	105.35 o
6	0	18	1270.98	1258.42	116.95 o
-8	1	18	2144.06	2206.27	86.45 o
-7	1	18	96.49	194.03	66.63 o
-6	1	18	883.92	1062.97	75.82 o
-5	1	18	583.05	741.99	78.14 o
-4	1	18	253.96	391.21	74.41 o
-3	1	18	41.03	124.86	76.15 o
-2	1	18	10224.27	10532.94	152.18 o
-1	1	18	83.84	83.38	57.20 o
0	1	18	116.81	137.57	57.40 o
1	1	18	9.48	26.92	54.94 o
2	1	18	2610.34	2798.50	108.88 o
3	1	18	397.63	290.94	85.54 o
4	1	18	419.96	504.95	80.93 o
5	1	18	565.16	466.67	80.22 o
-8	2	18	366.03	547.05	94.72 o
-7	2	18	40.68	30.93	93.75 o
-6	2	18	461.09	671.74	99.55 o
-5	2	18	138.32	126.61	92.79 o
-4	2	18	47.24	35.76	99.55 o
-3	2	18	147.11	212.64	104.38 o
-2	2	18	32.34	54.13	109.22 o
-1	2	18	120.17	152.56	87.79 o
0	2	18	3350.29	3375.64	229.07 o
1	2	18	109.73	130.96	88.16 o
2	2	18	489.26	588.61	125.65 o
3	2	18	204.03	46.39	127.58 o
4	2	18	0.05	-35.76	123.72 o
5	2	18	39.98	-35.76	121.78 o
-7	3	18	4.43	-38.66	93.75 o
-6	3	18	2.63	-26.10	95.69 o
-5	3	18	60.92	15.46	99.55 o
-4	3	18	53.25	-57.99	96.65 o
-3	3	18	0.54	29.96	102.45 o
-2	3	18	13.22	-94.72	115.98 o
-1	3	18	0.55	-33.64	85.40 o

0	3	18	2.28	102.20	86.10	o
1	3	18	6.03	81.56	92.14	o
2	3	18	45.27	201.04	137.25	o
3	3	18	37.92	-3.87	136.28	o
4	3	18	0.11	-41.56	131.45	o
-6	4	18	173.47	242.60	93.75	o
-5	4	18	109.26	33.83	96.65	o
-4	4	18	512.75	554.79	107.28	o
-3	4	18	387.75	542.22	103.42	o
-2	4	18	5.01	-57.03	112.12	o
-1	4	18	110.02	179.73	85.82	o
0	4	18	4175.17	4657.04	264.83	o
1	4	18	25.96	137.61	94.61	o
2	4	18	69.69	-137.25	137.25	o
3	4	18	143.56	34.79	130.48	o
-5	5	18	169.26	138.21	94.72	o
-4	5	18	3.40	-21.26	97.62	o
-3	5	18	46.42	123.72	104.38	o
-2	5	18	5096.08	5244.37	173.97	o
-1	5	18	2.99	-12.96	86.99	o
0	5	18	1.59	71.04	105.83	o
1	5	18	126.78	210.59	94.43	o
2	5	18	2553.53	2376.69	161.41	o
-8	1	19	194.54	278.13	72.49	o
-7	1	19	84.83	40.93	71.40	o
-6	1	19	62.45	13.42	73.80	o
-5	1	19	228.12	365.52	76.46	o
-4	1	19	6.50	-115.98	115.98	o
-3	1	19	10.15	144.50	86.50	o
-2	1	19	6649.54	6631.00	140.54	o
-1	1	19	350.72	379.91	62.35	o
0	1	19	266.30	287.53	61.84	o
1	1	19	127.06	45.92	77.57	o
2	1	19	32.66	-79.25	79.25	o
3	1	19	118.37	22.53	81.29	o
4	1	19	95.15	50.31	84.18	o
5	1	19	21.72	23.16	76.70	o
-8	2	19	477.69	415.61	97.62	o
-7	2	19	372.32	453.30	100.52	o
-6	2	19	77.68	14.50	101.49	o
-5	2	19	302.65	337.32	103.42	o
-4	2	19	3796.01	3699.86	146.91	o
-3	2	19	55.66	139.18	110.18	o
-2	2	19	722.11	579.92	123.72	o
-1	2	19	92.08	210.88	89.78	o
0	2	19	2693.34	2858.84	120.99	o
1	2	19	8.29	-90.39	92.60	o
2	2	19	1323.47	1279.68	156.58	o
3	2	19	793.28	840.88	137.25	o
4	2	19	82.35	215.54	128.55	o
5	2	19	165.71	79.26	126.61	o
-7	3	19	3.72	29.96	91.82	o
-6	3	19	3474.06	3055.19	135.31	o
-5	3	19	10.46	110.18	98.59	o
-4	3	19	298.08	208.77	105.35	o
-3	3	19	518.38	560.58	110.18	o
-2	3	19	3626.49	3738.52	162.38	o
-1	3	19	26.38	-35.15	88.92	o
0	3	19	174.29	-41.08	95.68	o
1	3	19	14.14	27.19	98.74	o
2	3	19	2815.05	2654.08	187.51	o
3	3	19	44.66	-123.72	144.01	o
4	3	19	2026.19	1695.29	169.14	o

-6	4	19	303.09	283.19	95.69 o
-5	4	19	11.70	-9.67	99.55 o
-4	4	19	5216.98	4874.19	159.48 o
-3	4	19	84.24	115.02	111.15 o
-2	4	19	71.69	192.34	110.18 o
-1	4	19	3.70	-91.83	91.83 o
0	4	19	1915.24	2082.16	166.73 o
1	4	19	19.54	92.98	130.00 o
2	4	19	4.86	-137.25	137.25 o
3	4	19	175.90	188.47	126.61 o
-4	5	19	29.39	77.32	97.62 o
-3	5	19	9.71	-106.32	106.32 o
-2	5	19	1680.84	1788.07	137.25 o
-1	5	19	120.53	78.76	147.88 o
0	5	19	24.56	158.96	95.69 o
1	5	19	62.86	99.70	94.13 o
-8	0	20	4638.73	4194.72	156.58 o
-7	0	20	30.18	-46.39	111.15 o
-6	0	20	254.73	357.61	112.12 o
-5	0	20	730.42	755.82	120.82 o
-4	0	20	5056.65	5717.00	183.64 o
-3	0	20	272.83	120.82	126.61 o
-2	0	20	130.56	124.68	126.61 o
-1	0	20	268.65	297.22	186.54 o
0	0	20	3882.13	4196.52	213.60 o
1	0	20	220.93	234.62	88.85 o
2	0	20	808.54	1056.41	125.65 o
3	0	20	1191.74	828.31	142.08 o
4	0	20	1860.86	1757.14	150.78 o
5	0	20	231.47	367.28	115.02 o
-8	1	20	495.95	446.71	107.77 o
-7	1	20	183.53	137.01	76.51 o
-6	1	20	3306.73	3373.19	107.67 o
-5	1	20	240.64	147.66	180.74 o
-4	1	20	276.99	637.54	112.60 o
-3	1	20	89.27	-31.41	84.39 o
-2	1	20	3132.28	3220.70	133.38 o
-1	1	20	93.83	121.47	63.20 o
0	1	20	260.29	254.25	65.71 o
1	1	20	83.55	32.39	102.68 o
2	1	20	93.34	6.39	199.10 o
3	1	20	295.64	307.54	90.32 o
4	1	20	2397.93	2196.08	116.19 o
-7	2	20	53.53	-87.95	106.32 o
-6	2	20	1.59	-67.66	107.28 o
-5	2	20	8.08	-107.28	107.28 o
-4	2	20	2617.00	2569.99	141.11 o
-3	2	20	605.76	693.97	120.82 o
-2	2	20	401.96	282.23	127.58 o
-1	2	20	18.71	46.25	94.12 o
0	2	20	0.33	-186.05	188.96 o
1	2	20	48.67	179.14	95.88 o
2	2	20	248.16	141.11	151.74 o
3	2	20	4.64	60.89	136.28 o
4	2	20	135.39	29.00	138.21 o
-6	3	20	1.02	82.15	101.49 o
-5	3	20	8.71	49.29	106.32 o
-4	3	20	14.30	69.59	106.32 o
-3	3	20	40.21	-81.19	118.88 o
-2	3	20	25.25	-104.38	128.55 o
-1	3	20	0.05	57.23	93.56 o
0	3	20	0.12	-67.40	100.12 o
1	3	20	0.66	-141.58	184.61 o

2	3	20	10.29	-158.51	158.51	o
3	3	20	12.13	104.38	142.08	o
-5	4	20	3.92	-104.38	104.38	o
-4	4	20	3027.43	3006.86	147.88	o
-3	4	20	425.41	415.61	116.95	o
-2	4	20	53.18	133.38	116.95	o
-1	4	20	26.42	80.81	92.68	o
0	4	20	7.91	-40.98	99.03	o
1	4	20	22.89	152.53	122.75	o
2	4	20	28.50	-128.55	141.11	o
-2	5	20	2926.24	2936.30	154.64	o
-1	5	20	165.69	57.66	90.51	o
-7	1	21	1.70	-72.56	128.55	o
-6	1	21	3058.24	3010.68	110.34	o
-5	1	21	608.91	656.50	240.66	o
-4	1	21	252.52	361.80	87.09	o
-3	1	21	0.84	38.85	87.14	o
-2	1	21	41.19	-90.04	90.77	o
-1	1	21	76.68	119.03	65.55	o
0	1	21	34.63	-70.63	70.63	o
1	1	21	4.46	54.83	70.65	o
2	1	21	20.10	-98.74	98.74	o
3	1	21	374.94	272.73	97.09	o
4	1	21	831.85	854.39	101.97	o
-7	2	21	134.53	149.81	101.49	o
-6	2	21	597.75	775.15	109.22	o
-5	2	21	17.39	13.53	115.02	o
-4	2	21	2611.86	2171.78	149.81	o
-3	2	21	1058.85	926.90	134.35	o
-2	2	21	975.94	1105.71	140.15	o
-1	2	21	29.39	-102.37	102.37	o
0	2	21	131.74	192.30	99.53	o
1	2	21	29.95	157.08	104.21	o
2	2	21	1939.96	2079.96	184.61	o
3	2	21	45.53	-17.40	139.18	o
-6	3	21	1673.90	1640.19	124.68	o
-5	3	21	396.85	400.14	114.05	o
-4	3	21	170.00	16.43	121.78	o
-3	3	21	420.04	515.16	124.68	o
-2	3	21	2945.49	2933.40	164.31	o
-1	3	21	215.56	-31.90	100.12	o
0	3	21	1909.43	1806.94	127.23	o
1	3	21	327.43	232.55	118.88	o
2	3	21	1365.84	1378.27	172.04	o
3	3	21	182.39	142.08	147.88	o
-4	4	21	1625.73	1618.93	133.38	o
-3	4	21	137.34	76.36	120.82	o
-2	4	21	11.41	-27.06	122.75	o
-1	4	21	36.11	75.33	94.81	o
0	4	21	47.80	145.29	98.39	o
1	4	21	137.28	226.11	100.21	o
-7	0	22	166.19	152.71	119.85	o
-6	0	22	6.24	84.09	118.88	o
-5	0	22	592.27	664.97	134.35	o
-4	0	22	2896.03	2797.12	163.34	o
-3	0	22	568.19	377.91	144.01	o
-2	0	22	589.29	823.48	140.15	o
-1	0	22	145.83	58.25	219.40	o
0	0	22	3373.75	3443.47	135.92	o
1	0	22	46.08	53.53	99.90	o
2	0	22	2727.30	2722.70	174.94	o
3	0	22	65.85	71.52	125.65	o
-7	1	22	16.77	58.00	77.55	o

-6	1	22	1898.61	1902.66	216.98 o
-5	1	22	467.57	449.84	93.29 o
-4	1	22	171.67	206.90	91.51 o
-3	1	22	499.38	618.24	111.63 o
-2	1	22	54.97	-67.92	95.98 o
-1	1	22	10.05	3.37	69.12 o
0	1	22	2608.67	2688.71	101.00 o
1	1	22	72.41	84.91	76.49 o
2	1	22	2507.67	2214.14	136.93 o
3	1	22	190.08	304.27	97.38 o
-6	2	22	327.10	505.49	113.08 o
-5	2	22	1.38	104.38	115.98 o
-4	2	22	1.11	-11.60	119.85 o
-3	2	22	6.08	203.94	130.48 o
-2	2	22	217.71	70.56	140.15 o
-1	2	22	92.71	3.20	105.31 o
0	2	22	143.87	49.29	111.55 o
1	2	22	221.55	329.19	178.81 o
2	2	22	1521.08	919.17	186.54 o
3	2	22	57.15	197.17	143.05 o
-5	3	22	10.28	314.12	109.22 o
-4	3	22	2.36	145.95	117.92 o
-3	3	22	14.74	-65.72	121.78 o
-2	3	22	10.90	19.33	132.41 o
-1	3	22	9.85	32.95	98.41 o
0	3	22	55.94	110.61	113.35 o
1	3	22	8.85	93.07	111.17 o
2	3	22	60.74	-169.14	169.14 o
-3	4	22	0.63	-5.80	120.82 o
-2	4	22	7.07	-2.90	127.58 o
-1	4	22	23.06	-27.18	97.34 o
0	4	22	60.80	138.38	100.79 o
-6	1	23	20.41	50.91	202.49 o
-5	1	23	24.45	6.48	101.97 o
-4	1	23	37.52	93.87	246.46 o
-3	1	23	277.61	309.94	97.39 o
-2	1	23	7.03	-139.18	139.18 o
-1	1	23	45.86	54.99	91.10 o
0	1	23	1118.45	1046.21	95.14 o
1	1	23	83.89	108.23	98.77 o
2	1	23	2187.67	1884.97	133.45 o
-6	2	23	786.86	843.78	120.82 o
-5	2	23	513.27	668.84	127.58 o
-4	2	23	31.69	52.19	130.48 o
-3	2	23	50.45	-135.31	135.31 o
-2	2	23	1916.84	2050.97	167.21 o
-1	2	23	11.64	-64.23	109.70 o
0	2	23	1297.45	1472.84	176.39 o
1	2	23	116.86	193.54	110.36 o
2	2	23	2351.33	1923.39	200.07 o
-4	3	23	1625.00	1442.06	143.05 o
-3	3	23	43.66	-68.62	130.48 o
-2	3	23	1572.91	1477.82	153.68 o
-1	3	23	34.60	-42.04	104.53 o
0	3	23	2687.80	2890.14	140.87 o
1	3	23	13.57	54.90	111.17 o
-6	0	24	821.21	757.76	135.31 o
-5	0	24	26.17	9.67	134.35 o
-4	0	24	2273.02	1969.78	167.21 o
-3	0	24	245.58	194.27	142.08 o
-2	0	24	2908.31	2855.12	188.47 o
-1	0	24	39.15	-58.47	122.27 o
0	0	24	3176.01	3379.78	208.29 o

1	0	24	174.66	48.06	208.77 o
2	0	24	2098.07	1848.00	185.57 o
-5	1	24	0.45	-92.68	92.68 o
-4	1	24	2379.60	2195.70	119.91 o
-3	1	24	9.14	30.65	101.09 o
-2	1	24	2569.75	2505.35	132.93 o
-1	1	24	27.12	74.48	74.75 o
0	1	24	2594.05	2643.64	100.55 o
1	1	24	0.33	-71.28	76.78 o
2	1	24	744.67	704.31	267.73 o
-5	2	24	255.60	191.37	124.68 o
-4	2	24	128.84	114.05	127.58 o
-3	2	24	31.32	-118.88	136.28 o
-2	2	24	1585.28	1190.76	173.97 o
-1	2	24	156.20	216.21	110.02 o
0	2	24	1279.67	982.50	127.53 o
1	2	24	50.12	234.19	109.01 o
-3	3	24	1.68	41.56	129.51 o
-2	3	24	81.83	260.00	128.55 o
-1	3	24	3.79	62.57	104.45 o
-4	1	25	963.49	873.34	108.31 o
-3	1	25	253.41	178.81	102.52 o
-2	1	25	2199.03	2017.53	199.59 o
-1	1	25	12.29	-31.83	92.65 o
0	1	25	97.78	7.29	95.70 o
-3	2	25	11.70	239.70	135.31 o
-2	2	25	2577.65	2415.35	180.74 o
-1	2	25	78.84	-72.40	238.25 o
-3	0	26	122.42	-17.40	147.88 o
-2	0	26	2236.76	2036.47	179.77 o
-1	0	26	66.64	269.03	108.25 o
-2	1	26	764.80	533.69	120.82 o