

Table 4 – Calculated and observed squared structure factors for the structure of balestraitite (to be deposited)

h	k	l	F_c^2	F_o^2										
1	-13	0	24.9	71.2	4	4	0	133.7	204.3	5	-7	1	24.3	74.8
0	-12	0	1531.9	3333.9	6	4	0	88.5	112.5	-4	-6	1	1172.5	1603.4
2	-12	0	248.1	464.6	1	5	0	1344.7	1606.3	-2	-6	1	7007.1	9172.5
1	-11	0	509.2	1047.8	3	5	0	454.9	594.5	0	-6	1	658.9	1372.9
3	-11	0	27.5	171.9	5	5	0	371.8	378.7	2	-6	1	3235.4	3982.1
0	-10	0	736.9	971.7	7	5	0	86.6	76.2	4	-6	1	635.5	462.6
2	-10	0	93.4	202.7	0	6	0	11459.	14823.	6	-6	1	208.7	120.2
4	-10	0	22.4	158.2	2	6	0	5762.1	7230.0	-7	-5	1	126.5	57.8
1	-9	0	1827.8	2528.5	4	6	0	300.2	658.0	-5	-5	1	60.6	152.7
3	-9	0	149.4	303.8	6	6	0	211.5	341.8	-3	-5	1	853.1	863.9
5	-9	0	307.0	391.8	1	7	0	21.2	112.7	-1	-5	1	522.0	625.9
0	-8	0	357.4	662.5	3	7	0	486.5	593.8	1	-5	1	1727.4	2121.4
4	-8	0	633.0	773.6	5	7	0	646.4	625.1	3	-5	1	1774.8	1903.7
6	-8	0	308.6	414.0	0	8	0	345.2	620.3	5	-5	1	515.9	562.2
1	-7	0	43.6	123.2	4	8	0	665.5	735.5	-6	-4	1	246.4	324.5
3	-7	0	486.1	556.0	6	8	0	321.1	239.0	-4	-4	1	840.0	1044.6
5	-7	0	634.6	665.5	1	9	0	1911.5	2463.5	-2	-4	1	117.6	180.6
0	-6	0	11706.	15868.	3	9	0	138.5	192.2	0	-4	1	5322.2	6273.2
2	-6	0	5892.2	7212.2	5	9	0	278.0	240.6	2	-4	1	3386.8	3492.4
4	-6	0	252.9	456.9	0	10	0	723.9	928.1	4	-4	1	498.6	422.7
6	-6	0	184.3	299.3	2	10	0	108.7	212.6	6	-4	1	342.1	349.1
1	-5	0	1236.4	1368.3	4	10	0	31.3	63.7	-7	-3	1	17.2	48.3
3	-5	0	469.9	605.6	1	11	0	524.2	881.3	-5	-3	1	1429.0	1548.5
5	-5	0	405.1	387.9	3	11	0	23.6	159.5	-3	-3	1	13230.	9926.9
7	-5	0	98.6	44.2	0	12	0	1449.3	2300.3	-1	-3	1	6448.0	6466.9
0	-4	0	538.7	624.3	2	12	0	225.6	232.3	1	-3	1	1539.4	2211.1
2	-4	0	556.1	620.7	1	13	0	35.6	55.9	3	-3	1	114.9	79.7
4	-4	0	153.2	173.8	-1	-13	1	96.5	127.7	5	-3	1	210.3	277.5
6	-4	0	101.0	83.9	1	-13	1	55.7	95.9	7	-3	1	226.9	119.9
1	-3	0	7050.8	7078.9	-2	-12	1	776.4	1507.6	-6	-2	1	386.9	587.1
3	-3	0	1094.4	1358.1	0	-12	1	205.7	710.0	-4	-2	1	437.1	445.6
5	-3	0	1639.0	2028.6	2	-12	1	196.9	199.4	-2	-2	1	2314.4	2352.5
7	-3	0	263.4	157.2	-3	-11	1	29.6	128.0	0	-2	1	1489.6	1843.0
0	-2	0	4397.3	4411.1	-1	-11	1	56.6	230.1	2	-2	1	2146.4	1594.4
2	-2	0	2716.7	3542.9	1	-11	1	696.6	953.2	4	-2	1	1433.3	1292.7
4	-2	0	487.0	490.8	3	-11	1	603.3	743.6	6	-2	1	59.6	36.9
6	-2	0	174.0	115.5	-4	-10	1	1.0	45.9	-7	-1	1	45.3	93.5
1	-1	0	1065.7	1261.3	-2	-10	1	187.9	395.3	-5	-1	1	84.8	73.5
3	-1	0	1147.6	1398.9	0	-10	1	384.2	554.3	-3	-1	1	1777.9	1774.0
5	-1	0	884.1	672.0	2	-10	1	748.6	773.9	-1	-1	1	2229.4	2461.2
7	-1	0	273.3	200.1	4	-10	1	433.6	437.8	1	-1	1	1194.6	1167.7
2	0	0	7009.2	6529.4	-5	-9	1	297.9	451.2	3	-1	1	1383.2	1270.1
6	0	0	29.4	47.4	-3	-9	1	2111.2	3168.4	5	-1	1	309.0	236.9
1	1	0	930.9	927.4	-1	-9	1	1279.2	1647.3	7	-1	1	26.7	24.3
3	1	0	1149.8	1326.1	1	-9	1	456.7	1069.6	-6	0	1	190.4	411.4
5	1	0	925.9	799.9	3	-9	1	301.2	313.1	-4	0	1	5395.2	6747.0
7	1	0	288.4	198.4	5	-9	1	46.2	49.1	-2	0	1	5606.2	4438.1
0	2	0	4202.7	3857.0	-6	-8	1	49.3	116.2	2	0	1	9734.2	9519.4
2	2	0	2879.3	3475.3	-4	-8	1	112.2	137.4	4	0	1	2927.1	2612.8
4	2	0	532.1	729.7	-2	-8	1	862.7	1316.8	6	0	1	25.6	18.5
6	2	0	186.0	270.6	0	-8	1	383.7	503.4	-7	1	1	36.3	86.8
1	3	0	7188.3	7168.4	2	-8	1	515.9	600.1	-5	1	1	100.2	120.0
3	3	0	1057.5	1328.9	4	-8	1	26.8	33.7	-3	1	1	1862.8	1860.3
5	3	0	1601.9	1983.2	6	-8	1	20.2	24.5	-1	1	1	2313.0	2429.5
7	3	0	257.5	210.6	-5	-7	1	168.4	308.7	1	1	1	1127.0	1284.4
0	4	0	520.4	696.9	-3	-7	1	984.6	1194.2	3	1	1	1308.9	1353.9
2	4	0	587.0	729.3	-1	-7	1	546.0	689.0	5	1	1	275.7	304.9
					1	-7	1	74.9	229.0	7	1	1	21.5	20.1
					3	-7	1	190.3	134.9	-6	2	1	366.5	529.3

-4	2	1	495.1	632.9	-2	12	1	812.9	981.8	1	-3	2	499.9	505.2
-2	2	1	2189.7	2332.4	0	12	1	216.0	427.4	3	-3	2	187.3	128.4
0	2	1	1507.6	1814.4	2	12	1	168.2	124.1	5	-3	2	46.5	33.6
2	2	1	2086.5	1946.5	-1	13	1	92.8	67.6	7	-3	2	74.3	56.4
4	2	1	1362.4	1299.4	1	13	1	68.5	66.7	-6	-2	2	75.8	152.1
6	2	1	65.7	43.6	-1	-13	2	326.8	327.1	-4	-2	2	740.5	823.5
-7	3	1	26.9	157.1	1	-13	2	273.9	194.9	-2	-2	2	2297.0	2336.2
-5	3	1	1405.2	1682.0	-2	-12	2	169.1	524.9	0	-2	2	5854.2	6526.2
-3	3	1	13088.	15522.	0	-12	2	453.4	674.5	2	-2	2	714.9	573.9
-1	3	1	6424.5	6424.3	2	-12	2	78.6	58.0	4	-2	2	343.1	288.6
1	3	1	1697.9	2384.1	-3	-11	2	14.3	88.6	6	-2	2	185.5	126.2
3	3	1	149.9	83.5	-1	-11	2	112.8	190.7	-7	-1	2	103.3	133.1
5	3	1	204.9	308.1	1	-11	2	66.0	79.0	-5	-1	2	149.5	233.5
7	3	1	221.0	178.4	3	-11	2	2.7	32.7	-3	-1	2	284.1	380.9
-6	4	1	242.5	359.2	-4	-10	2	115.6	180.0	-1	-1	2	7573.1	6853.2
-4	4	1	826.1	1082.9	-2	-10	2	46.6	157.8	1	-1	2	9679.4	9333.2
-2	4	1	77.5	208.8	0	-10	2	183.2	206.1	3	-1	2	2589.0	2436.6
0	4	1	5431.4	6024.6	2	-10	2	97.6	121.3	5	-1	2	149.0	103.9
2	4	1	3473.5	3828.7	4	-10	2	28.5	35.9	7	-1	2	9.2	17.8
4	4	1	505.8	335.2	-5	-9	2	526.1	977.9	-6	0	2	2701.2	2853.9
6	4	1	343.4	488.0	-3	-9	2	119.9	542.4	-4	0	2	6676.7	7422.8
-7	5	1	138.2	155.6	-1	-9	2	914.7	1299.6	-2	0	2	919.4	1029.2
-5	5	1	54.2	169.6	1	-9	2	672.1	663.0	2	0	2	5674.6	4765.5
-3	5	1	765.1	906.8	3	-9	2	180.4	117.9	4	0	2	142.3	122.0
-1	5	1	466.1	568.4	5	-9	2	129.6	113.8	6	0	2	879.5	1074.8
1	5	1	1831.9	2140.8	-6	-8	2	51.6	109.3	-7	1	2	87.0	175.8
3	5	1	1848.8	1996.1	-4	-8	2	231.4	307.6	-5	1	2	115.2	181.9
5	5	1	543.0	452.3	-2	-8	2	1015.1	1217.0	-3	1	2	307.7	335.3
-4	6	1	1239.5	1805.0	0	-8	2	1169.2	1246.1	-1	1	2	7715.7	6805.1
-2	6	1	7212.8	8375.2	2	-8	2	1082.0	1234.1	1	1	2	9823.1	9849.5
0	6	1	602.4	1361.6	4	-8	2	63.1	35.2	3	1	2	2644.5	2570.2
2	6	1	3111.5	3993.4	-5	-7	2	4.1	139.3	5	1	2	152.9	107.0
4	6	1	613.7	454.1	-3	-7	2	456.6	487.1	7	1	2	5.0	20.6
6	6	1	197.6	232.1	-1	-7	2	2394.5	2282.7	-6	2	2	74.5	242.8
-5	7	1	179.3	434.0	1	-7	2	2469.6	3298.8	-4	2	2	686.8	884.3
-3	7	1	995.7	1182.8	3	-7	2	837.2	872.5	-2	2	2	2427.9	2694.5
-1	7	1	538.9	749.3	5	-7	2	99.8	69.3	0	2	2	6054.2	6230.1
1	7	1	70.8	189.2	-6	-6	2	2064.3	2758.8	2	2	2	650.9	663.0
3	7	1	191.9	168.7	-4	-6	2	1502.8	1636.8	4	2	2	378.3	340.5
5	7	1	28.0	46.0	-2	-6	2	501.0	1263.6	6	2	2	168.7	111.4
-6	8	1	44.8	97.8	0	-6	2	316.4	272.9	-7	3	2	177.3	390.3
-4	8	1	114.4	276.7	2	-6	2	148.9	147.0	-5	3	2	830.5	1319.1
-2	8	1	915.0	1230.8	4	-6	2	620.3	579.5	-3	3	2	895.8	1788.6
0	8	1	341.4	468.5	6	-6	2	337.3	168.1	-1	3	2	7754.8	7981.6
2	8	1	471.8	497.5	-7	-5	2	135.0	73.9	1	3	2	545.8	737.8
4	8	1	22.8	28.1	-5	-5	2	364.2	722.6	3	3	2	214.6	164.4
6	8	1	15.1	31.8	-3	-5	2	252.9	316.6	5	3	2	55.4	42.1
-5	9	1	278.8	356.0	-1	-5	2	2394.8	2028.2	7	3	2	81.4	80.1
-3	9	1	2018.1	2570.8	1	-5	2	1857.5	2159.3	-6	4	2	400.5	643.7
-1	9	1	1224.3	1490.5	3	-5	2	560.2	426.8	-4	4	2	160.3	473.6
1	9	1	505.8	1009.2	5	-5	2	58.2	37.9	-2	4	2	313.9	429.6
3	9	1	336.4	288.1	-6	-4	2	384.7	493.4	0	4	2	41.5	47.6
5	9	1	48.6	39.1	-4	-4	2	182.8	379.5	2	4	2	680.4	864.6
-4	10	1	1.5	36.5	-2	-4	2	346.7	271.7	4	4	2	350.1	350.7
-2	10	1	185.6	300.8	0	-4	2	51.1	61.5	6	4	2	104.2	64.7
0	10	1	391.8	526.0	2	-4	2	709.9	720.5	-7	5	2	147.2	207.6
2	10	1	747.4	694.3	4	-4	2	334.0	268.8	-5	5	2	405.1	646.2
4	10	1	426.0	269.3	6	-4	2	105.8	52.1	-3	5	2	253.0	351.1
-3	11	1	19.1	50.0	-7	-3	2	162.8	271.4	-1	5	2	2289.9	2264.5
-1	11	1	53.6	200.9	-5	-3	2	792.4	1013.5	1	5	2	1746.2	1990.5
1	11	1	713.3	906.6	-3	-3	2	932.3	1672.0	3	5	2	514.9	439.6
3	11	1	612.8	537.0	-1	-3	2	7873.9	7823.6	5	5	2	55.4	38.9

-6	6	2	2003.3	3510.0	4	-8	3	189.4	187.3	5	1	3	290.5	292.7
-4	6	2	1468.3	1886.4	-5	-7	3	12.2	59.5	7	1	3	9.3	31.2
0	6	2	370.9	285.9	-3	-7	3	252.5	323.3	-6	2	3	124.6	208.3
2	6	2	189.3	242.3	-1	-7	3	302.7	368.6	-4	2	3	1483.6	1826.1
4	6	2	599.7	510.4	1	-7	3	5.6	18.2	-2	2	3	668.1	536.6
6	6	2	329.7	183.2	3	-7	3	132.7	131.0	0	2	3	4295.4	3921.0
-5	7	2	11.5	156.5	5	-7	3	136.6	97.7	2	2	3	1014.0	1058.7
-3	7	2	488.5	638.8	-4	-6	3	1224.7	1335.2	4	2	3	155.5	110.6
-1	7	2	2412.7	2681.3	-2	-6	3	2871.0	2530.3	6	2	3	55.9	37.1
1	7	2	2454.1	2793.3	0	-6	3	439.8	481.5	-7	3	3	487.5	703.3
3	7	2	820.2	839.9	2	-6	3	200.5	127.1	-3	3	3	65.0	67.6
5	7	2	104.1	58.5	4	-6	3	517.2	536.4	-1	3	3	4669.3	4491.1
-6	8	2	38.0	88.8	6	-6	3	185.2	202.5	1	3	3	3331.5	3312.5
-4	8	2	237.5	323.0	-7	-5	3	83.1	87.9	3	3	3	2664.4	2895.6
-2	8	2	1058.5	1247.8	-5	-5	3	431.0	571.2	5	3	3	1605.9	1633.8
0	8	2	1196.3	1354.8	-3	-5	3	2134.6	2169.5	-6	4	3	103.2	241.5
2	8	2	1104.9	1036.9	-1	-5	3	2652.8	2829.5	-4	4	3	1429.4	1594.3
4	8	2	53.9	25.6	1	-5	3	1116.9	1271.7	-2	4	3	4850.1	4841.0
-5	9	2	563.0	841.4	3	-5	3	78.8	39.8	0	4	3	145.5	110.2
-3	9	2	116.1	652.2	5	-5	3	96.6	53.6	2	4	3	746.1	684.1
-1	9	2	843.2	1090.3	-6	-4	3	87.8	177.7	4	4	3	6.5	13.6
1	9	2	635.4	517.6	-4	-4	3	1408.4	1508.2	6	4	3	16.5	13.8
3	9	2	181.2	107.4	-2	-4	3	4847.9	4564.9	-7	5	3	72.7	156.0
5	9	2	141.5	70.3	0	-4	3	207.4	222.1	-5	5	3	455.1	598.1
-4	10	2	107.0	138.0	2	-4	3	721.0	509.4	-3	5	3	2219.9	2861.7
-2	10	2	59.5	98.9	4	-4	3	4.8	9.0	-1	5	3	2733.4	3250.8
0	10	2	207.0	185.8	6	-4	3	21.4	17.4	1	5	3	1173.0	1163.3
2	10	2	99.5	76.1	-7	-3	3	495.8	524.0	3	5	3	73.6	49.6
4	10	2	34.3	29.8	-5	-3	3	51.2	350.5	5	5	3	80.9	48.1
-3	11	2	14.1	48.4	-3	-3	3	45.7	38.7	-4	6	3	1169.7	1347.8
-1	11	2	101.5	132.7	-1	-3	3	4771.0	4879.5	-2	6	3	2795.0	3017.8
1	11	2	58.4	63.6	1	-3	3	3337.4	3432.0	0	6	3	466.4	393.7
3	11	2	0.9	23.3	3	-3	3	2672.8	2828.3	2	6	3	175.8	139.0
-2	12	2	182.8	316.6	5	-3	3	1626.3	1686.0	4	6	3	554.1	599.9
0	12	2	489.2	616.8	-6	-2	3	141.8	192.0	6	6	3	202.9	160.6
2	12	2	84.0	30.6	-4	-2	3	1550.5	1610.3	-5	7	3	7.4	79.9
-1	13	2	314.7	209.2	-2	-2	3	666.2	536.1	-3	7	3	262.1	356.3
1	13	2	261.2	134.3	0	-2	3	4444.3	4324.5	-1	7	3	319.9	458.1
-1	-13	3	85.0	108.5	2	-2	3	915.3	956.3	1	7	3	9.4	13.1
-2	-12	3	191.4	209.6	4	-2	3	129.6	82.3	3	7	3	126.5	113.4
0	-12	3	150.7	126.5	6	-2	3	55.0	36.5	5	7	3	134.6	59.5
2	-12	3	233.3	113.4	-7	-1	3	214.3	306.4	-6	8	3	21.2	58.3
-3	-11	3	605.8	646.6	-5	-1	3	236.7	269.9	-4	8	3	145.9	229.9
-1	-11	3	542.9	686.0	-3	-1	3	1906.3	2002.5	-2	8	3	324.8	353.8
1	-11	3	271.7	266.7	-1	-1	3	3747.7	3010.5	0	8	3	225.2	321.7
3	-11	3	49.1	46.4	1	-1	3	917.1	507.5	2	8	3	90.6	57.2
-4	-10	3	415.8	432.1	3	-1	3	432.7	288.4	4	8	3	201.3	142.0
-2	-10	3	314.2	205.7	5	-1	3	275.7	212.9	-5	9	3	110.6	309.3
0	-10	3	531.1	601.5	7	-1	3	7.0	20.8	-3	9	3	314.1	254.1
2	-10	3	41.4	33.5	-6	0	3	128.3	1158.8	-1	9	3	122.2	68.2
4	-10	3	38.6	55.9	-4	0	3	3324.3	3451.8	1	9	3	462.5	293.4
-5	-9	3	97.1	355.0	-2	0	3	152.0	182.2	3	9	3	794.4	759.6
-3	-9	3	277.2	257.9	0	0	3	5940.0	6032.6	5	9	3	395.2	242.6
-1	-9	3	118.9	90.1	2	0	3	14.5	11.7	-4	10	3	409.0	447.4
1	-9	3	485.3	402.5	4	0	3	275.1	367.7	-2	10	3	303.3	154.1
3	-9	3	823.4	1130.3	6	0	3	84.6	79.8	0	10	3	516.2	496.7
5	-9	3	417.4	473.0	-7	1	3	220.8	343.7	2	10	3	54.0	27.5
-6	-8	3	20.0	84.0	-5	1	3	213.0	235.6	4	10	3	45.2	42.9
-4	-8	3	167.9	223.2	-3	1	3	1803.0	1511.7	-3	11	3	615.4	642.0
-2	-8	3	361.2	443.5	-1	1	3	3602.3	2868.3	-1	11	3	548.2	535.9
0	-8	3	202.9	341.0	1	1	3	843.4	550.0	1	11	3	280.4	184.2
2	-8	3	99.6	94.8	3	1	3	440.8	409.7	3	11	3	50.0	34.5

-2	12	3	170.0	117.0	-4	-2	4	864.4	1021.1	-3	7	4	852.7	1096.4
0	12	3	128.6	117.0	-2	-2	4	1473.2	1277.6	-1	7	4	504.5	444.4
2	12	3	248.4	99.0	0	-2	4	194.0	235.9	1	7	4	72.2	41.0
-1	13	3	97.7	80.4	2	-2	4	413.7	412.6	3	7	4	17.7	20.2
-2	-12	4	124.4	90.1	4	-2	4	59.6	47.7	5	7	4	109.5	63.6
0	-12	4	252.5	155.0	6	-2	4	325.9	275.5	-6	8	4	325.7	328.5
2	-12	4	347.3	253.7	-7	-1	4	313.8	456.4	-4	8	4	165.1	84.9
-3	-11	4	14.0	83.7	-5	-1	4	1426.5	1537.1	-2	8	4	489.8	493.6
-1	-11	4	25.5	46.3	-3	-1	4	1963.1	1864.2	0	8	4	17.3	8.5
1	-11	4	151.0	104.1	-1	-1	4	1096.2	971.5	2	8	4	55.0	31.2
3	-11	4	121.5	116.6	1	-1	4	126.2	127.0	4	8	4	156.3	121.1
-4	-10	4	61.1	78.9	3	-1	4	126.1	101.2	-5	9	4	224.0	153.4
-2	-10	4	139.9	152.6	5	-1	4	231.2	215.1	-3	9	4	159.6	109.8
0	-10	4	63.7	50.7	-6	0	4	7.4	68.9	-1	9	4	312.1	196.2
2	-10	4	113.2	67.5	-2	0	4	2660.4	1987.4	1	9	4	954.7	951.8
4	-10	4	59.2	72.3	0	0	4	292.5	698.2	3	9	4	426.3	340.1
-5	-9	4	240.8	164.7	2	0	4	9111.7	9436.0	-4	10	4	73.2	104.6
-3	-9	4	160.9	81.2	4	0	4	2641.3	2855.3	-2	10	4	133.6	97.6
-1	-9	4	283.3	236.6	6	0	4	52.1	37.7	0	10	4	62.9	26.9
1	-9	4	903.4	1153.4	-7	1	4	329.1	714.6	2	10	4	110.6	55.2
3	-9	4	401.4	463.0	-5	1	4	1461.5	1541.0	4	10	4	61.0	30.6
-6	-8	4	312.4	377.5	-3	1	4	2008.5	1485.2	-3	11	4	9.3	25.1
-4	-8	4	165.8	77.9	-1	1	4	1145.1	946.0	-1	11	4	22.3	27.0
-2	-8	4	464.7	453.1	1	1	4	105.0	112.9	1	11	4	154.3	69.6
0	-8	4	29.3	25.7	3	1	4	102.6	85.7	3	11	4	125.9	73.4
2	-8	4	72.5	51.9	5	1	4	233.2	206.1	-2	12	4	113.6	49.6
4	-8	4	149.3	133.2	-6	2	4	254.9	256.2	0	12	4	236.6	111.6
-5	-7	4	656.1	917.5	-4	2	4	923.5	1055.7	2	12	4	322.2	177.5
-3	-7	4	849.3	811.7	-2	2	4	1365.1	1146.5	-2	-12	5	432.6	361.1
-1	-7	4	490.9	483.0	0	2	4	204.8	235.1	0	-12	5	484.1	572.6
1	-7	4	57.3	57.8	2	2	4	389.3	359.5	-3	-11	5	44.4	51.1
3	-7	4	20.6	34.7	4	2	4	56.9	39.3	-1	-11	5	11.4	36.9
5	-7	4	117.1	70.9	6	2	4	349.9	324.9	1	-11	5	32.3	51.4
-6	-6	4	126.4	144.3	-7	3	4	368.0	505.1	3	-11	5	174.8	165.5
-4	-6	4	113.1	81.5	-5	3	4	671.7	609.3	-4	-10	5	116.8	59.4
-2	-6	4	289.5	201.6	-3	3	4	109.9	118.4	-2	-10	5	13.0	27.0
0	-6	4	2993.0	3560.8	-1	3	4	56.1	51.4	0	-10	5	14.8	29.3
2	-6	4	3837.7	4717.0	1	3	4	1050.9	1286.0	2	-10	5	385.7	533.6
4	-6	4	392.1	385.5	3	3	4	895.8	816.4	-5	-9	5	157.4	73.0
6	-6	4	18.3	23.5	5	3	4	223.7	149.6	-3	-9	5	745.4	1045.2
-7	-5	4	112.7	95.4	-6	4	4	84.4	142.6	-1	-9	5	1413.4	1735.5
-5	-5	4	480.2	479.7	-4	4	4	59.8	89.1	1	-9	5	314.4	207.2
-3	-5	4	483.1	358.5	-2	4	4	101.2	113.4	3	-9	5	192.1	261.6
-1	-5	4	665.8	797.2	0	4	4	1817.7	1898.0	-6	-8	5	40.3	58.9
1	-5	4	356.3	445.8	2	4	4	531.8	506.1	-4	-8	5	189.5	174.0
3	-5	4	174.7	121.9	4	4	4	55.5	48.6	-2	-8	5	191.0	147.8
5	-5	4	78.6	53.1	6	4	4	8.7	18.3	0	-8	5	62.4	60.0
-6	-4	4	93.4	135.6	-7	5	4	98.7	148.2	2	-8	5	22.7	30.3
-4	-4	4	52.5	61.0	-5	5	4	443.0	497.1	4	-8	5	328.6	408.7
-2	-4	4	120.3	89.5	-3	5	4	443.4	450.9	-5	-7	5	1.8	37.8
0	-4	4	1798.5	2321.6	-1	5	4	647.9	662.4	-3	-7	5	109.2	69.1
2	-4	4	520.0	479.6	1	5	4	386.4	422.8	-1	-7	5	380.7	358.8
4	-4	4	58.1	25.8	3	5	4	200.5	130.7	1	-7	5	152.8	142.8
6	-4	4	10.1	19.2	5	5	4	73.8	41.8	3	-7	5	19.1	33.0
-7	-3	4	377.1	250.6	-6	6	4	149.3	184.4	5	-7	5	13.4	27.2
-5	-3	4	678.3	541.5	-4	6	4	112.9	184.5	-6	-6	5	265.4	315.2
-3	-3	4	103.6	66.2	-2	6	4	339.3	306.0	-4	-6	5	93.0	57.6
-1	-3	4	60.1	39.1	0	6	4	2969.0	3204.5	-2	-6	5	758.2	866.5
1	-3	4	1010.5	1211.3	2	6	4	3755.7	4267.3	0	-6	5	1550.1	1914.2
3	-3	4	859.9	706.7	4	6	4	372.4	267.2	2	-6	5	172.4	171.0
5	-3	4	226.9	134.4	6	6	4	21.3	26.6	4	-6	5	1021.7	1341.4
-6	-2	4	230.2	223.0	-5	7	4	643.4	835.9	-7	-5	5	132.9	75.1

-5	-5	5	125.6	93.4	-6	4	5	317.3	369.2	0	-8	6	1389.6	2072.8
-3	-5	5	88.8	58.3	-4	4	5	4.1	14.4	2	-8	6	394.8	456.7
-1	-5	5	361.9	323.5	-2	4	5	156.4	120.1	4	-8	6	66.0	74.1
1	-5	5	230.9	302.0	0	4	5	836.8	933.0	-5	-7	6	21.3	38.7
3	-5	5	391.5	470.9	2	4	5	484.2	486.6	-3	-7	6	12.3	22.2
5	-5	5	157.4	129.4	4	4	5	1279.1	1855.6	-1	-7	6	265.8	214.9
-6	-4	5	309.9	265.3	6	4	5	71.5	38.9	1	-7	6	632.1	746.4
-4	-4	5	12.3	16.6	-7	5	5	144.5	167.8	3	-7	6	222.4	253.4
-2	-4	5	164.9	98.6	-5	5	5	139.9	111.6	5	-7	6	17.7	24.9
0	-4	5	841.0	1079.3	-3	5	5	90.1	78.4	-6	-6	6	272.9	140.0
2	-4	5	490.7	619.4	-1	5	5	322.4	231.8	-4	-6	6	1790.8	2325.8
4	-4	5	1257.1	1772.8	1	5	5	211.1	167.1	-2	-6	6	2380.7	2554.8
6	-4	5	65.6	44.5	3	5	5	413.5	389.7	0	-6	6	542.7	635.7
-7	-3	5	25.7	96.3	5	5	5	169.1	95.9	2	-6	6	192.1	228.8
-5	-3	5	434.2	266.4	-6	6	5	248.7	343.1	4	-6	6	75.0	64.6
-3	-3	5	2615.0	2846.5	-4	6	5	108.0	74.8	-5	-5	6	113.0	65.6
-1	-3	5	9268.4	10016.	-2	6	5	803.0	941.1	-3	-5	6	150.2	92.7
1	-3	5	3235.4	3267.4	0	6	5	1616.1	1718.3	-1	-5	6	34.9	34.4
3	-3	5	357.0	231.7	2	6	5	191.7	112.1	1	-5	6	640.7	696.2
5	-3	5	202.0	151.4	4	6	5	985.3	1270.3	3	-5	6	119.1	79.0
-6	-2	5	80.3	55.7	-5	7	5	3.1	154.4	5	-5	6	10.7	18.2
-4	-2	5	288.4	262.6	-3	7	5	107.9	82.3	-6	-4	6	42.3	25.0
-2	-2	5	402.1	389.3	-1	7	5	386.7	297.2	-4	-4	6	153.0	73.2
0	-2	5	84.4	125.9	1	7	5	160.4	92.2	-2	-4	6	149.2	98.4
2	-2	5	2701.8	2816.5	3	7	5	20.8	11.3	0	-4	6	1794.2	1598.9
4	-2	5	391.5	393.4	5	7	5	12.9	21.3	2	-4	6	111.7	84.4
6	-2	5	114.0	64.8	-6	8	5	33.7	96.8	4	-4	6	8.8	19.2
-7	-1	5	56.2	115.6	-4	8	5	199.4	213.7	6	-4	6	13.6	30.6
-5	-1	5	87.2	109.8	-2	8	5	201.4	163.9	-7	-3	6	3.4	33.8
-3	-1	5	131.7	99.2	0	8	5	71.9	44.0	-5	-3	6	375.1	419.0
-1	-1	5	487.6	390.4	2	8	5	20.0	16.4	-3	-3	6	1131.2	1002.6
1	-1	5	197.9	169.2	4	8	5	309.0	222.4	-1	-3	6	617.5	650.4
3	-1	5	146.7	107.7	-5	9	5	151.5	93.5	1	-3	6	5762.2	6845.9
5	-1	5	105.2	72.1	-3	9	5	715.4	942.6	3	-3	6	804.7	953.2
-6	0	5	125.6	70.1	-1	9	5	1354.0	1802.0	5	-3	6	55.1	39.7
-4	0	5	583.1	558.6	1	9	5	291.8	126.6	-6	-2	6	109.8	83.1
-2	0	5	1245.8	1201.8	3	9	5	214.0	213.2	-4	-2	6	169.6	80.9
0	0	5	8650.1	8452.2	-4	10	5	117.0	72.0	-2	-2	6	925.2	759.9
2	0	5	583.6	518.1	-2	10	5	19.3	18.1	0	-2	6	368.8	420.6
4	0	5	947.4	1106.6	0	10	5	18.4	15.3	2	-2	6	1762.9	1628.4
6	0	5	255.9	179.5	2	10	5	374.0	289.6	4	-2	6	48.1	41.6
-7	1	5	46.1	165.6	-3	11	5	48.0	38.9	6	-2	6	34.6	30.6
-5	1	5	77.6	111.2	-1	11	5	5.8	21.4	-7	-1	6	63.4	41.9
-3	1	5	139.8	113.6	1	11	5	27.5	19.5	-5	-1	6	86.4	99.0
-1	1	5	517.9	387.6	3	11	5	180.1	109.7	-3	-1	6	67.7	50.3
1	1	5	208.4	187.8	-2	12	5	455.1	330.4	-1	-1	6	339.3	316.9
3	1	5	129.1	83.5	0	12	5	506.5	490.6	1	-1	6	874.0	902.7
5	1	5	96.4	58.5	0	-12	6	61.0	55.8	3	-1	6	287.6	381.6
-6	2	5	92.8	84.9	-3	-11	6	132.5	152.8	5	-1	6	29.6	26.7
-4	2	5	284.2	236.0	-1	-11	6	5.4	30.2	-6	0	6	854.1	1127.1
-2	2	5	451.1	371.4	1	-11	6	64.2	50.1	-4	0	6	4579.5	5952.2
0	2	5	107.0	129.1	-4	-10	6	116.5	71.2	-2	0	6	3868.3	3113.1
2	2	5	2614.1	2475.0	-2	-10	6	15.6	31.0	0	0	6	366.6	277.7
4	2	5	373.1	372.6	0	-10	6	18.7	28.8	2	0	6	1313.9	1092.7
6	2	5	104.2	57.8	2	-10	6	152.9	117.6	4	0	6	285.7	194.9
-7	3	5	28.0	116.2	-5	-9	6	246.8	172.6	6	0	6	367.6	445.8
-5	3	5	431.0	351.9	-3	-9	6	464.2	620.4	-7	1	6	63.4	60.8
-3	3	5	2613.5	3247.3	-1	-9	6	191.5	103.0	-5	1	6	75.6	85.7
-1	3	5	9179.6	9667.3	1	-9	6	772.7	1118.8	-3	1	6	53.0	43.3
1	3	5	3173.2	2836.3	3	-9	6	151.1	165.4	-1	1	6	337.8	199.2
3	3	5	387.9	317.3	-4	-8	6	43.6	33.1	1	1	6	912.2	959.5
5	3	5	215.5	166.5	-2	-8	6	110.2	81.5	3	1	6	299.3	322.5

5	1	6	29.0	27.9	-2	-10	7	635.8	750.0	-7	1	7	61.8	44.6
-6	2	6	95.7	84.1	0	-10	7	150.4	100.0	-5	1	7	133.2	108.6
-4	2	6	154.7	101.2	2	-10	7	8.2	16.1	-3	1	7	252.0	174.5
-2	2	6	976.3	785.3	-5	-9	7	113.9	62.1	-1	1	7	258.5	128.7
0	2	6	392.9	376.1	-3	-9	7	195.6	279.9	1	1	7	52.7	38.8
2	2	6	1832.4	1799.1	-1	-9	7	388.1	419.3	3	1	7	9.5	17.8
4	2	6	49.4	38.5	1	-9	7	58.5	30.6	5	1	7	3.7	15.3
6	2	6	30.0	43.3	3	-9	7	261.7	337.7	-6	2	7	24.4	37.7
-7	3	6	5.1	78.7	-4	-8	7	73.8	35.2	-4	2	7	34.1	29.6
-5	3	6	394.8	611.9	-2	-8	7	181.0	83.0	-2	2	7	3102.7	2649.9
-3	3	6	1171.4	1217.1	0	-8	7	266.8	204.5	0	2	7	462.4	488.4
-1	3	6	599.7	548.7	2	-8	7	24.9	33.9	2	2	7	37.3	56.4
1	3	6	5699.2	5696.8	4	-8	7	81.3	118.5	4	2	7	22.4	27.0
3	3	6	786.0	1005.8	-5	-7	7	58.1	40.5	-7	3	7	552.1	848.4
5	3	6	61.1	42.8	-3	-7	7	16.1	19.3	-5	3	7	589.3	735.3
-6	4	6	45.1	39.3	-1	-7	7	77.8	22.8	-3	3	7	358.1	362.5
-4	4	6	164.9	150.4	1	-7	7	20.3	25.6	-1	3	7	1388.3	1189.4
-2	4	6	155.3	97.6	3	-7	7	42.5	37.7	1	3	7	503.7	329.3
0	4	6	1755.0	1289.5	-6	-6	7	241.7	179.4	5	3	7	294.4	325.6
2	4	6	103.1	42.9	-4	-6	7	145.7	83.2	-6	4	7	8.8	32.3
4	4	6	6.4	11.9	-2	-6	7	694.8	667.9	-4	4	7	742.5	977.2
6	4	6	15.7	18.4	0	-6	7	789.9	1111.3	-2	4	7	712.6	741.5
-5	5	6	122.6	86.0	2	-6	7	168.1	157.7	0	4	7	1577.4	1877.9
-3	5	6	173.8	124.0	4	-6	7	151.5	149.2	2	4	7	94.4	83.7
-1	5	6	31.5	26.4	-5	-5	7	109.5	73.2	4	4	7	30.2	19.7
1	5	6	616.1	528.1	-3	-5	7	265.0	205.6	-5	5	7	98.8	65.8
3	5	6	107.8	68.4	-1	-5	7	656.9	710.2	-3	5	7	283.1	269.1
5	5	6	12.1	22.1	1	-5	7	138.4	161.9	-1	5	7	690.7	696.3
-6	6	6	266.5	186.7	3	-5	7	26.9	36.4	1	5	7	145.2	107.1
-4	6	6	1738.6	2672.5	5	-5	7	14.0	20.7	3	5	7	25.3	26.2
-2	6	6	2311.6	2717.2	-6	-4	7	11.4	20.7	5	5	7	14.5	20.4
0	6	6	594.1	604.5	-4	-4	7	716.7	671.2	-6	6	7	261.2	294.5
2	6	6	215.1	151.5	-2	-4	7	686.6	698.0	-4	6	7	137.2	102.6
4	6	6	72.5	35.0	0	-4	7	1559.4	2374.3	-2	6	7	661.3	708.9
-5	7	6	16.9	26.3	2	-4	7	101.0	141.8	0	6	7	759.1	795.0
-3	7	6	9.1	18.1	4	-4	7	36.1	33.3	2	6	7	181.4	111.0
-1	7	6	278.6	191.6	-7	-3	7	562.6	474.0	4	6	7	161.0	132.8
1	7	6	639.6	534.4	-5	-3	7	599.2	540.2	-5	7	7	55.8	47.1
3	7	6	230.3	205.7	-3	-3	7	331.7	216.2	-3	7	7	14.0	16.5
5	7	6	16.7	26.3	-1	-3	7	1336.7	1077.2	-1	7	7	78.7	19.6
-4	8	6	34.5	50.4	1	-3	7	516.5	389.3	1	7	7	24.3	12.0
-2	8	6	96.5	60.0	5	-3	7	296.5	390.5	3	7	7	46.3	38.2
0	8	6	1432.9	1943.0	-6	-2	7	23.6	25.8	-4	8	7	63.7	51.8
2	8	6	413.0	431.3	-4	-2	7	38.6	21.4	-2	8	7	166.1	100.8
4	8	6	68.1	55.0	-2	-2	7	3188.1	2835.7	0	8	7	248.2	145.2
-5	9	6	265.5	217.7	0	-2	7	476.4	521.2	2	8	7	28.6	26.4
-3	9	6	491.4	551.6	2	-2	7	33.0	63.6	4	8	7	86.5	72.1
-1	9	6	177.9	88.9	4	-2	7	21.5	27.9	-5	9	7	104.0	77.7
1	9	6	727.6	785.9	-7	-1	7	55.6	46.2	-3	9	7	215.6	245.0
3	9	6	138.5	109.2	-5	-1	7	126.8	105.2	-1	9	7	418.1	445.2
-4	10	6	116.4	78.0	-3	-1	7	261.3	195.8	1	9	7	55.5	25.3
-2	10	6	21.0	29.6	-1	-1	7	281.4	182.0	3	9	7	247.8	249.9
0	10	6	23.9	19.2	1	-1	7	60.6	50.8	-4	10	7	95.9	74.6
2	10	6	163.9	97.5	3	-1	7	8.9	20.7	-2	10	7	629.0	726.8
-3	11	6	138.3	98.1	5	-1	7	3.4	18.5	0	10	7	147.6	93.0
-1	11	6	5.6	21.1	-6	0	7	181.6	176.4	2	10	7	7.4	15.9
1	11	6	59.6	28.2	-4	0	7	3.5	104.4	-3	11	7	178.5	121.2
0	12	6	63.6	42.4	-2	0	7	6237.3	5388.5	-1	11	7	297.2	195.5
-3	-11	7	177.2	90.2	0	0	7	479.7	728.4	1	11	7	58.5	32.6
-1	-11	7	288.7	227.0	2	0	7	293.7	118.9	-1	-11	8	24.1	33.9
1	-11	7	57.9	38.8	4	0	7	15.5	26.6	-2	-10	8	42.5	45.8
-4	-10	7	90.9	46.3	6	0	7	3.9	34.6	0	-10	8	45.7	49.6

2	-10	8	76.2	85.2	-6	2	8	280.0	268.0	0	-6	9	56.2	65.3
-3	-9	8	187.0	113.8	-4	2	8	244.2	233.0	2	-6	9	48.2	36.2
-1	-9	8	151.0	87.4	-2	2	8	294.8	237.3	4	-6	9	15.9	36.8
1	-9	8	229.7	246.2	0	2	8	51.2	38.8	-5	-5	9	46.4	44.3
3	-9	8	39.6	93.6	2	2	8	337.7	279.1	-3	-5	9	27.0	29.5
-4	-8	8	507.4	433.0	4	2	8	19.4	20.2	-1	-5	9	9.6	14.2
-2	-8	8	73.6	55.1	-5	3	8	1080.9	1811.1	1	-5	9	54.4	41.3
0	-8	8	41.6	20.4	-3	3	8	816.1	1070.0	3	-5	9	18.6	47.4
2	-8	8	17.2	17.7	-1	3	8	418.1	164.9	-6	-4	9	134.1	130.2
-5	-7	8	199.5	97.8	1	3	8	473.6	378.1	-4	-4	9	73.6	58.1
-3	-7	8	279.3	206.5	3	3	8	27.0	38.7	-2	-4	9	7.7	16.1
-1	-7	8	81.9	64.1	5	3	8	0.4	26.3	0	-4	9	146.9	26.6
1	-7	8	23.9	31.0	-6	4	8	34.5	40.5	2	-4	9	67.0	49.0
3	-7	8	30.8	26.6	-4	4	8	413.3	393.2	4	-4	9	29.8	61.6
-6	-6	8	28.3	34.8	-2	4	8	30.3	13.2	-5	-3	9	70.5	53.2
-4	-6	8	317.2	261.5	0	4	8	259.8	191.2	-3	-3	9	1225.0	1504.8
-2	-6	8	202.9	110.7	2	4	8	19.3	34.8	-1	-3	9	888.2	1343.0
2	-6	8	123.4	190.2	4	4	8	118.9	84.0	1	-3	9	366.2	626.9
4	-6	8	110.9	99.5	-5	5	8	109.3	67.9	3	-3	9	128.5	87.8
-5	-5	8	121.6	66.9	-3	5	8	236.7	172.9	-6	-2	9	256.5	239.1
-3	-5	8	250.4	150.3	-1	5	8	24.0	22.8	-4	-2	9	56.9	43.7
-1	-5	8	23.5	34.3	1	5	8	14.7	17.1	-2	-2	9	283.0	142.8
1	-5	8	12.5	20.6	3	5	8	24.9	35.9	0	-2	9	31.1	48.7
3	-5	8	26.3	36.6	5	5	8	1.3	21.2	2	-2	9	57.2	21.0
5	-5	8	1.8	22.7	-6	6	8	30.8	48.4	4	-2	9	44.6	55.5
-6	-4	8	39.1	35.4	-4	6	8	343.0	369.7	-5	-1	9	23.8	21.6
-4	-4	8	424.9	278.7	-2	6	8	191.8	107.4	-3	-1	9	17.9	20.3
-2	-4	8	27.7	13.4	2	6	8	126.1	160.9	-1	-1	9	98.4	79.8
0	-4	8	249.9	221.4	4	6	8	108.9	88.0	1	-1	9	12.3	29.2
2	-4	8	20.1	31.9	-5	7	8	206.6	146.7	3	-1	9	18.5	22.3
4	-4	8	117.9	126.2	-3	7	8	270.0	266.7	5	-1	9	12.8	24.4
-5	-3	8	1103.1	1380.9	-1	7	8	73.9	69.1	-6	0	9	280.0	195.6
-3	-3	8	827.7	886.7	1	7	8	25.2	19.5	-4	0	9	36.4	18.3
-1	-3	8	398.8	151.1	3	7	8	32.7	24.8	-2	0	9	284.8	123.4
1	-3	8	459.7	481.4	-4	8	8	526.5	721.4	0	0	9	446.7	117.8
3	-3	8	24.7	34.3	-2	8	8	76.8	62.7	2	0	9	10.8	12.6
5	-3	8	0.2	16.6	0	8	8	32.7	20.7	4	0	9	22.2	50.0
-6	-2	8	261.2	188.2	2	8	8	18.5	19.7	-5	1	9	20.7	24.8
-4	-2	8	224.0	114.1	-3	9	8	172.0	131.2	-3	1	9	20.5	25.4
-2	-2	8	272.3	189.5	-1	9	8	160.9	112.1	-1	1	9	95.7	115.8
0	-2	8	54.6	72.6	1	9	8	241.6	219.5	1	1	9	10.0	19.2
2	-2	8	359.5	346.5	3	9	8	44.2	56.4	3	1	9	16.3	23.9
4	-2	8	17.9	16.8	-2	10	8	47.8	41.0	5	1	9	11.4	21.6
-7	-1	8	12.4	23.4	0	10	8	46.6	33.4	-6	2	9	244.8	306.9
-5	-1	8	266.0	267.5	2	10	8	72.9	58.6	-4	2	9	59.5	62.3
-3	-1	8	581.4	733.4	-1	11	8	25.2	25.6	-2	2	9	307.0	215.0
-1	-1	8	244.2	304.4	-2	-10	9	12.2	25.3	0	2	9	28.9	47.4
1	-1	8	80.8	111.7	0	-10	9	39.5	25.4	2	2	9	65.0	24.7
3	-1	8	19.3	18.1	-3	-9	9	242.8	140.9	4	2	9	42.1	51.2
5	-1	8	12.2	19.3	-1	-9	9	295.6	213.9	-5	3	9	69.0	89.1
-6	0	8	43.9	53.4	1	-9	9	99.0	100.5	-3	3	9	1210.7	2078.5
-4	0	8	30.6	23.4	-4	-8	9	25.2	25.8	-1	3	9	879.4	1335.3
-2	0	8	438.4	281.3	-2	-8	9	30.1	46.8	1	3	9	370.0	568.1
2	0	8	890.6	1807.3	0	-8	9	110.3	119.6	3	3	9	124.3	83.1
4	0	8	2.9	27.9	2	-8	9	2.8	16.7	-6	4	9	131.2	155.6
-7	1	8	16.9	37.4	-5	-7	9	21.6	29.6	-4	4	9	66.8	81.7
-5	1	8	277.3	217.7	-3	-7	9	25.1	33.2	-2	4	9	9.7	11.5
-3	1	8	592.3	604.1	-1	-7	9	11.7	34.0	0	4	9	147.1	23.0
-1	1	8	242.9	205.5	1	-7	9	13.3	16.9	2	4	9	71.0	53.1
1	1	8	78.5	74.3	3	-7	9	3.5	15.5	4	4	9	28.6	59.9
3	1	8	23.9	17.9	-4	-6	9	61.5	28.1	-5	5	9	51.7	61.5
5	1	8	13.2	27.5	-2	-6	9	50.7	47.4	-3	5	9	23.9	25.9

-1	5	9	11.7	15.3	3	-1	10	68.3	148.3	1	-5	11	35.0	48.8
1	5	9	56.9	41.8	-6	0	10	261.2	242.1	3	-5	11	4.7	25.7
3	5	9	20.3	36.2	-4	0	10	88.9	129.2	-4	-4	11	4.0	16.2
-4	6	9	68.8	60.4	-2	0	10	414.5	579.7	-2	-4	11	93.9	123.0
-2	6	9	55.0	45.1	0	0	10	104.3	107.8	0	-4	11	191.8	402.8
0	6	9	62.4	61.6	2	0	10	9.6	9.1	2	-4	11	11.8	35.2
2	6	9	44.6	24.6	4	0	10	0.2	12.8	-5	-3	11	132.5	171.6
4	6	9	16.8	27.7	-5	1	10	0.3	21.4	-3	-3	11	173.0	99.6
-5	7	9	25.1	39.9	-3	1	10	23.7	23.7	-1	-3	11	1.5	21.5
-3	7	9	26.5	31.7	-1	1	10	88.6	118.5	1	-3	11	119.7	82.6
-1	7	9	10.8	24.8	1	1	10	115.3	275.6	3	-3	11	8.5	28.5
1	7	9	10.7	22.5	3	1	10	69.0	111.3	-6	-2	11	29.1	28.3
3	7	9	4.4	14.6	-6	2	10	32.7	74.5	-4	-2	11	37.0	34.1
-4	8	9	27.1	34.1	-4	2	10	30.7	70.7	-2	-2	11	17.2	34.0
-2	8	9	32.6	53.9	-2	2	10	176.8	204.4	0	-2	11	89.9	176.1
0	8	9	116.2	115.0	0	2	10	83.6	106.5	2	-2	11	152.5	155.6
2	8	9	1.9	16.3	2	2	10	87.7	137.8	-5	-1	11	18.0	25.9
-3	9	9	229.8	179.7	4	2	10	18.3	30.6	-3	-1	11	16.3	17.0
-1	9	9	287.8	175.4	-5	3	10	84.7	121.0	-1	-1	11	30.7	52.7
1	9	9	94.2	85.7	-3	3	10	26.1	90.8	1	-1	11	15.1	25.0
-2	10	9	16.4	20.3	-1	3	10	54.1	25.5	3	-1	11	6.0	20.8
0	10	9	41.1	33.8	1	3	10	15.8	35.9	-6	0	11	7.4	28.5
-3	-9	10	55.5	65.4	3	3	10	183.3	304.6	-4	0	11	31.1	30.0
-1	-9	10	26.5	45.7	-6	4	10	20.0	26.1	-2	0	11	0.1	26.7
1	-9	10	30.1	37.6	-4	4	10	226.6	327.0	2	0	11	243.5	224.8
-4	-8	10	24.0	25.3	-2	4	10	8.2	14.7	4	0	11	60.0	36.0
-2	-8	10	36.2	27.9	0	4	10	23.7	17.9	-5	1	11	15.7	40.3
0	-8	10	10.1	36.3	2	4	10	33.8	21.4	-3	1	11	13.7	35.7
2	-8	10	36.7	68.8	4	4	10	50.9	22.4	-1	1	11	27.9	71.0
-3	-7	10	46.5	29.2	-5	5	10	20.7	32.3	1	1	11	13.8	20.9
-1	-7	10	46.4	50.6	-3	5	10	2.0	30.7	3	1	11	6.7	23.4
1	-7	10	43.8	91.7	-1	5	10	21.0	17.7	-6	2	11	33.1	66.4
3	-7	10	31.4	72.0	1	5	10	16.9	28.3	-4	2	11	33.8	66.0
-4	-6	10	274.5	239.5	3	5	10	26.5	30.8	-2	2	11	15.6	64.8
-2	-6	10	26.8	36.8	-4	6	10	269.6	266.6	0	2	11	86.0	135.3
0	-6	10	144.6	97.7	-2	6	10	31.4	53.8	2	2	11	147.0	135.6
2	-6	10	2.7	19.2	0	6	10	137.5	69.3	-5	3	11	128.8	253.1
-5	-5	10	18.7	41.6	2	6	10	2.9	14.6	-3	3	11	170.0	181.3
-3	-5	10	3.0	23.2	-3	7	10	51.2	31.5	-1	3	11	2.0	16.0
-1	-5	10	23.2	20.3	-1	7	10	45.2	61.0	1	3	11	123.8	64.7
1	-5	10	19.9	37.2	1	7	10	42.4	107.0	3	3	11	10.4	26.9
3	-5	10	28.7	44.9	3	7	10	30.9	54.9	-4	4	11	2.6	23.7
-6	-4	10	18.9	35.0	-4	8	10	19.8	42.2	-2	4	11	94.3	131.2
-4	-4	10	224.7	221.5	-2	8	10	38.4	24.3	0	4	11	194.8	317.7
-2	-4	10	10.7	18.5	0	8	10	7.4	22.1	2	4	11	13.2	40.5
0	-4	10	21.9	15.9	2	8	10	38.4	69.2	-5	5	11	13.0	22.8
2	-4	10	34.6	21.3	-3	9	10	59.4	77.4	-3	5	11	43.1	89.7
4	-4	10	52.0	33.7	-1	9	10	29.0	29.3	-1	5	11	43.8	74.1
-5	-3	10	80.1	45.0	1	9	10	30.3	34.1	1	5	11	38.6	56.5
-3	-3	10	23.6	23.8	-1	-9	11	9.7	39.5	3	5	11	4.2	21.0
-1	-3	10	49.7	24.7	-2	-8	11	3.6	19.9	-4	6	11	29.8	56.1
1	-3	10	14.0	37.0	0	-8	11	57.8	29.3	-2	6	11	40.0	35.4
-6	-2	10	37.3	35.3	-3	-7	11	1.0	16.6	0	6	11	149.1	244.2
-4	-2	10	32.3	26.8	-1	-7	11	8.4	15.0	2	6	11	7.7	21.7
-2	-2	10	190.5	97.2	1	-7	11	4.7	13.8	-3	7	11	1.5	15.0
0	-2	10	77.7	110.1	-4	-6	11	26.8	39.3	-1	7	11	9.1	18.6
2	-2	10	82.0	130.4	-2	-6	11	39.9	46.1	1	7	11	5.1	12.8
4	-2	10	16.5	19.5	0	-6	11	154.4	256.2	-2	8	11	2.8	20.4
-5	-1	10	0.3	15.1	2	-6	11	8.7	25.2	0	8	11	54.6	39.0
-3	-1	10	22.4	24.4	-5	-5	11	11.3	25.9	-1	9	11	11.0	26.7
-1	-1	10	81.5	66.6	-3	-5	11	42.1	48.8	-3	-7	12	27.9	54.0
1	-1	10	113.7	252.6	-1	-5	11	41.2	97.8	-1	-7	12	15.7	35.0

1	-7	12	2.7	15.7	-5	3	12	10.8	74.1	2	0	13	5.0	16.6
-4	-6	12	3.7	19.9	-3	3	12	214.5	408.8	-3	1	13	0.7	58.3
-2	-6	12	17.6	36.9	-1	3	12	253.7	229.9	-1	1	13	25.4	32.0
0	-6	12	7.2	29.4	1	3	12	16.1	32.9	1	1	13	4.6	29.3
-3	-5	12	22.0	30.1	3	3	12	46.4	76.1	-4	2	13	14.5	94.5
-1	-5	12	9.6	34.8	-4	4	12	7.9	22.9	-2	2	13	45.5	36.3
1	-5	12	16.7	39.7	-2	4	12	10.0	30.7	0	2	13	22.0	25.3
-4	-4	12	8.6	21.1	0	4	12	59.4	14.5	2	2	13	0.0	26.0
-2	-4	12	10.5	24.0	2	4	12	28.0	43.8	-3	3	13	0.2	23.7
0	-4	12	60.3	20.7	-3	5	12	20.4	72.3	1	3	13	87.5	189.6
2	-4	12	27.1	34.6	-1	5	12	8.6	22.6	-4	4	13	86.9	70.2
-5	-3	12	9.9	41.3	1	5	12	18.1	38.7	-2	4	13	5.0	32.9
-3	-3	12	217.8	415.0	-4	6	12	4.2	42.8	0	4	13	3.8	21.1
-1	-3	12	258.4	203.8	-2	6	12	19.6	25.2	-3	5	13	3.0	25.0
1	-3	12	15.4	31.1	0	6	12	8.6	30.1	-1	5	13	21.3	31.6
3	-3	12	45.4	78.4	-3	7	12	28.9	45.3	1	5	13	1.8	41.6
-4	-2	12	24.0	37.0	-1	7	12	17.2	35.0	-2	6	13	77.8	85.5
-2	-2	12	154.4	118.9	1	7	12	2.3	16.6	0	6	13	45.0	98.5
0	-2	12	1.3	17.2	-2	-6	13	75.1	81.4	-2	-4	14	12.3	30.8
2	-2	12	5.6	19.3	0	-6	13	43.6	110.6	-3	-3	14	48.6	52.7
-5	-1	12	17.9	36.1	-3	-5	13	2.4	21.1	-1	-3	14	1.4	20.0
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-1	-1	12	21.3	62.2	1	-5	13	2.2	17.8	0	-2	14	2.9	21.3
1	-1	12	8.6	16.3	-4	-4	13	85.4	125.7	-3	-1	14	8.2	22.9
3	-1	12	7.4	22.7	-2	-4	13	6.1	24.5	-1	-1	14	2.1	16.1
-4	0	12	1.9	19.7	0	-4	13	3.9	26.5	1	-1	14	12.6	30.2
-2	0	12	105.9	49.2	-3	-3	13	0.4	26.8	-2	0	14	65.4	161.3
0	0	12	145.5	263.3	1	-3	13	88.9	174.3	0	0	14	18.5	29.4
-5	1	12	19.4	64.7	-4	-2	13	15.1	27.8	-3	1	14	8.0	46.4
-3	1	12	34.0	75.1	-2	-2	13	47.8	35.9	-1	1	14	2.5	20.0
-1	1	12	20.4	63.8	0	-2	13	20.7	28.7	1	1	14	13.0	27.7
1	1	12	8.2	16.8	2	-2	13	0.0	14.5	-2	2	14	3.4	29.2
3	1	12	6.6	17.6	-3	-1	13	0.6	19.7	0	2	14	3.3	21.9
-4	2	12	26.1	88.3	-1	-1	13	23.7	32.4	-3	3	14	49.6	79.4
-2	2	12	160.6	122.0	1	-1	13	4.5	31.0	-1	3	14	1.2	17.7
0	2	12	0.9	14.5	-4	0	13	22.2	53.6	-2	4	14	12.4	46.5
2	2	12	6.4	24.0	-2	0	13	4.1	60.7					