

# Teaming Instructions for VOLUNTARY SYM

## Instructions

You are participating in a decision-making experiment where you have the opportunity to earn money. How much money you earn depends on your own decisions, but may also depend on those of other participants.

You will make individual decisions at your computer. From now on, please do not talk with other participants until the end of the experiment.

In the experiment, you will be anonymously paired with another participant to form a group of two. The experiment consists of 30 repetitions, called periods. You will stay in the same group with the same other participant during all 30 periods. In each of the periods, you will be in the same decision situation.

A period consists of two decision stages. We start by describing the second stage. In this stage, each participant has to choose an effort, which is an integer number between 0 and 100. The effort incurs a cost measured in Experimental Currency Units (ECU). The effort cost is equal to the square of the chosen effort divided by 10. Table 1 below shows the cost of each effort level between 1 and 100. Zero effort implies zero cost.

In the first stage of each period, you have to choose between two modes of remuneration: a private remuneration mode and a joint remuneration mode. The remuneration mode will determine how you will be compensated for your effort.

- If you choose the private remuneration mode, you will be paid 9 ECU per effort unit that you individually choose in the second stage. The other group member will be paid 9 ECU per effort unit that he or she chooses in the second stage.
- If both you and the anonymous other group member choose the joint remuneration mode, each of you will be paid based on the average effort in your group in the second stage. Each of you will be paid 10 ECU per unit of the average effort by you and the other group member.
- If you choose the joint remuneration mode, but the anonymous other group member chooses the private remuneration mode, you will both adhere to the private remuneration mode. You will be paid 9 ECU per effort unit that you individually choose in the second stage. The other group member will be paid 9 ECU per effort unit that he or she chooses in the second stage.

## Your Earnings

Your profit (in ECU) in a period is determined as follows.

- If you are in the private remuneration mode, your profit is determined by your individual effort multiplied by 9 ECU minus the cost of your individual effort in ECU. Below you find Table 2 that shows for each level of individual effort the corresponding cost and the profit under private remuneration.

- If you are in the joint remuneration mode, your profit is determined by the average effort by you and the other group member, multiplied by 10 ECU, minus the cost of your individual effort in ECU.

Your total profit for the experiment equals the sum of your profits over the 30 periods. At the end of the experiment, your total profit will be converted to Canadian dollars with a conversion rate of 25 cents per 100 ECU.

### **Available Information**

At the end of the first stage of each period, you are told whether you are in private or joint remuneration mode.

At the beginning of each period (except for the first one), you are informed of your result in the previous period. This includes the remuneration mode that you chose, the remuneration mode that the other chose, the effective remuneration mode, your individual effort, the average effort in the joint remuneration mode (if applicable), your effort cost, your profit and your cumulated profit over all previous periods.

At any time, by clicking on the magnifying glass icon on your screen, you can access a table of your results in all previous periods. The table shows the results of the first period in the top line and the results of subsequent periods underneath.

Before we begin the experiment, we ask you to answer some comprehension questions regarding these instructions. Everybody must answer all of the questions correctly before we carry on.

**Table 1.** Individual effort cost.

<b>Effort level</b>	<b>Effort cost</b>	<b>Effort level</b>	<b>Effort cost</b>
1	0,10	51	260,10
2	0,40	52	270,40
3	0,90	53	280,90
4	1,60	54	291,60
5	2,50	55	302,50
6	3,60	56	313,60
7	4,90	57	324,90
8	6,40	58	336,40
9	8,10	59	348,10
10	10,00	60	360,00
11	12,10	61	372,10
12	14,40	62	384,40
13	16,90	63	396,90
14	19,60	64	409,60
15	22,50	65	422,50
16	25,60	66	435,60
17	28,90	67	448,90
18	32,40	68	462,40
19	36,10	69	476,10
20	40,00	70	490,00
21	44,10	71	504,10
22	48,40	72	518,40
23	52,90	73	532,90
24	57,60	74	547,60
25	62,50	75	562,50
26	67,60	76	577,60
27	72,90	77	592,90
28	78,40	78	608,40
29	84,10	79	624,10
30	90,00	80	640,00
31	96,10	81	656,10
32	102,40	82	672,40
33	108,90	83	688,90
34	115,60	84	705,60
35	122,50	85	722,50
36	129,60	86	739,60
37	136,90	87	756,90
38	144,40	88	774,40
39	152,10	89	792,10
40	160,00	90	810,00
41	168,10	91	828,10
42	176,40	92	846,40
43	184,90	93	864,90
44	193,60	94	883,60
45	202,50	95	902,50
46	211,60	96	921,60
47	220,90	97	940,90
48	230,40	98	960,40
49	240,10	99	980,10
50	250,00	100	1000,00

**Table 2.** Profit in the private mode.

Effort level	Effort cost	Profit	Effort level	Effort cost	Profit
1	0,10	8,90	51	260,10	198,90
2	0,40	17,60	52	270,40	197,60
3	0,90	26,10	53	280,90	196,10
4	1,60	34,40	54	291,60	194,40
5	2,50	42,50	55	302,50	192,50
6	3,60	50,40	56	313,60	190,40
7	4,90	58,10	57	324,90	188,10
8	6,40	65,60	58	336,40	185,60
9	8,10	72,90	59	348,10	182,90
10	10,00	80,00	60	360,00	180,00
11	12,10	86,90	61	372,10	176,90
12	14,40	93,60	62	384,40	173,60
13	16,90	100,10	63	396,90	170,10
14	19,60	106,40	64	409,60	166,40
15	22,50	112,50	65	422,50	162,50
16	25,60	118,40	66	435,60	158,40
17	28,90	124,10	67	448,90	154,10
18	32,40	129,60	68	462,40	149,60
19	36,10	134,90	69	476,10	144,90
20	40,00	140,00	70	490,00	140,00
21	44,10	144,90	71	504,10	134,90
22	48,40	149,60	72	518,40	129,60
23	52,90	154,10	73	532,90	124,10
24	57,60	158,40	74	547,60	118,40
25	62,50	162,50	75	562,50	112,50
26	67,60	166,40	76	577,60	106,40
27	72,90	170,10	77	592,90	100,10
28	78,40	173,60	78	608,40	93,60
29	84,10	176,90	79	624,10	86,90
30	90,00	180,00	80	640,00	80,00
31	96,10	182,90	81	656,10	72,90
32	102,40	185,60	82	672,40	65,60
33	108,90	188,10	83	688,90	58,10
34	115,60	190,40	84	705,60	50,40
35	122,50	192,50	85	722,50	42,50
36	129,60	194,40	86	739,60	34,40
37	136,90	196,10	87	756,90	26,10
38	144,40	197,60	88	774,40	17,60
39	152,10	198,90	89	792,10	8,90
40	160,00	200,00	90	810,00	0,00
41	168,10	200,90	91	828,10	-9,10
42	176,40	201,60	92	846,40	-18,40
43	184,90	202,10	93	864,90	-27,90
44	193,60	202,40	94	883,60	-37,60
45	202,50	202,50	95	902,50	-47,50
46	211,60	202,40	96	921,60	-57,60
47	220,90	202,10	97	940,90	-67,90
48	230,40	201,60	98	960,40	-78,40
49	240,10	200,90	99	980,10	-89,10
50	250,00	200,00	100	1000,00	-100,00

## Data for VOLUNTARY SYM

Player	Group	Period	Session	Choice team	Other choice team	Teaming mode	Effort	Other effort	Avg. effort team	Remuneration	Cost	Profit	Cum. profit
1	1	1	1	1	1	1	25	46	35.5	355.0	62.5	292.5	292.5
1	1	2	1	0	1	0	34	42	0.0	306.0	115.6	190.4	482.9
1	1	3	1	1	1	1	30	35	32.5	325.0	90.0	235.0	717.9
1	1	4	1	1	1	1	30	30	30.0	300.0	90.0	210.0	927.9
1	1	5	1	1	1	1	31	20	25.5	255.0	96.1	158.9	1086.8
1	1	6	1	1	1	1	26	8	17.0	170.0	67.6	102.4	1189.2
1	1	7	1	1	1	1	27	10	18.5	185.0	72.9	112.1	1301.3
1	1	8	1	1	1	1	44	20	32.0	320.0	193.6	126.4	1427.7
1	1	9	1	1	1	1	44	20	32.0	320.0	193.6	126.4	1554.1
1	1	10	1	1	1	1	50	20	35.0	350.0	250.0	100.0	1654.1
1	1	11	1	0	1	0	49	23	0.0	441.0	240.1	200.9	1855.0
1	1	12	1	0	1	0	49	23	0.0	441.0	240.1	200.9	2055.9
1	1	13	1	0	1	0	49	23	0.0	441.0	240.1	200.9	2256.8
1	1	14	1	1	1	1	49	20	34.5	345.0	240.1	104.9	2361.7
1	1	15	1	0	1	0	49	23	0.0	441.0	240.1	200.9	2562.6
1	1	16	1	1	1	1	34	20	27.0	270.0	115.6	154.4	2717.0
1	1	17	1	0	1	0	34	63	0.0	306.0	115.6	190.4	2907.4
1	1	18	1	1	1	1	50	10	30.0	300.0	250.0	50.0	2957.4
1	1	19	1	1	1	1	30	10	20.0	200.0	90.0	110.0	3067.4
1	1	20	1	1	1	1	31	20	25.5	255.0	96.1	158.9	3226.3
1	1	21	1	0	1	0	49	23	0.0	441.0	240.1	200.9	3427.2
1	1	22	1	0	1	0	49	23	0.0	441.0	240.1	200.9	3628.1
1	1	23	1	0	1	0	49	45	0.0	441.0	240.1	200.9	3829.0
1	1	24	1	1	1	1	34	30	32.0	320.0	115.6	204.4	4033.4
1	1	25	1	1	1	1	34	35	34.5	345.0	115.6	229.4	4262.8
1	1	26	1	1	1	1	31	30	30.5	305.0	96.1	208.9	4471.7
1	1	27	1	1	1	1	35	20	27.5	275.0	122.5	152.5	4624.2
1	1	28	1	1	1	1	34	17	25.5	255.0	115.6	139.4	4763.6
1	1	29	1	1	1	1	33	17	25.0	250.0	108.9	141.1	4904.7
1	1	30	1	1	1	1	34	19	26.5	265.0	115.6	149.4	5054.1
8	1	1	1	1	1	1	46	25	35.5	355.0	211.6	143.4	143.4
8	1	2	1	1	0	0	42	34	0.0	378.0	176.4	201.6	345.0
8	1	3	1	1	1	1	35	30	32.5	325.0	122.5	202.5	547.5
8	1	4	1	1	1	1	30	30	30.0	300.0	90.0	210.0	757.5

8	1	5	1	1	1	1	20	31	25.5	255.0	40.0	215.0	972.5
8	1	6	1	1	1	1	8	26	17.0	170.0	6.4	163.6	1136.1
8	1	7	1	1	1	1	10	27	18.5	185.0	10.0	175.0	1311.1
8	1	8	1	1	1	1	20	44	32.0	320.0	40.0	280.0	1591.1
8	1	9	1	1	1	1	20	44	32.0	320.0	40.0	280.0	1871.1
8	1	10	1	1	1	1	20	50	35.0	350.0	40.0	310.0	2181.1
8	1	11	1	1	0	0	23	49	0.0	207.0	52.9	154.1	2335.2
8	1	12	1	1	0	0	23	49	0.0	207.0	52.9	154.1	2489.3
8	1	13	1	1	0	0	23	49	0.0	207.0	52.9	154.1	2643.4
8	1	14	1	1	1	1	20	49	34.5	345.0	40.0	305.0	2948.4
8	1	15	1	1	0	0	23	49	0.0	207.0	52.9	154.1	3102.5
8	1	16	1	1	1	1	20	34	27.0	270.0	40.0	230.0	3332.5
8	1	17	1	1	0	0	63	34	0.0	567.0	396.9	170.1	3502.6
8	1	18	1	1	1	1	10	50	30.0	300.0	10.0	290.0	3792.6
8	1	19	1	1	1	1	10	30	20.0	200.0	10.0	190.0	3982.6
8	1	20	1	1	1	1	20	31	25.5	255.0	40.0	215.0	4197.6
8	1	21	1	1	0	0	23	49	0.0	207.0	52.9	154.1	4351.7
8	1	22	1	1	0	0	23	49	0.0	207.0	52.9	154.1	4505.8
8	1	23	1	1	0	0	45	49	0.0	405.0	202.5	202.5	4708.3
8	1	24	1	1	1	1	30	34	32.0	320.0	90.0	230.0	4938.3
8	1	25	1	1	1	1	35	34	34.5	345.0	122.5	222.5	5160.8
8	1	26	1	1	1	1	30	31	30.5	305.0	90.0	215.0	5375.8
8	1	27	1	1	1	1	20	35	27.5	275.0	40.0	235.0	5610.8
8	1	28	1	1	1	1	17	34	25.5	255.0	28.9	226.1	5836.9
8	1	29	1	1	1	1	17	33	25.0	250.0	28.9	221.1	6058.0
8	1	30	1	1	1	1	19	34	26.5	265.0	36.1	228.9	6286.9
2	2	1	1	1	0	0	70	50	0.0	630.0	490.0	140.0	140.0
2	2	2	1	1	1	1	80	50	65.0	650.0	640.0	10.0	150.0
2	2	3	1	0	1	0	90	70	0.0	810.0	810.0	0.0	150.0
2	2	4	1	1	1	1	60	50	55.0	550.0	360.0	190.0	340.0
2	2	5	1	1	1	1	57	60	58.5	585.0	324.9	260.1	600.1
2	2	6	1	1	1	1	70	60	65.0	650.0	490.0	160.0	760.1
2	2	7	1	1	1	1	40	67	53.5	535.0	160.0	375.0	1135.1
2	2	8	1	1	1	1	50	60	55.0	550.0	250.0	300.0	1435.1
2	2	9	1	1	1	1	45	60	52.5	525.0	202.5	322.5	1757.6
2	2	10	1	1	1	1	45	60	52.5	525.0	202.5	322.5	2080.1
2	2	11	1	1	1	1	48	60	54.0	540.0	230.4	309.6	2389.7
2	2	12	1	1	1	1	60	60	60.0	600.0	360.0	240.0	2629.7

2	2	13	1	1	1	1	65	65	65.0	650.0	422.5	227.5	2857.2
2	2	14	1	1	1	1	40	70	55.0	550.0	160.0	390.0	3247.2
2	2	15	1	1	1	1	35	60	47.5	475.0	122.5	352.5	3599.7
2	2	16	1	1	1	1	44	50	47.0	470.0	193.6	276.4	3876.1
2	2	17	1	1	1	1	47	50	48.5	485.0	220.9	264.1	4140.2
2	2	18	1	1	1	1	51	50	50.5	505.0	260.1	244.9	4385.1
2	2	19	1	0	1	0	60	55	0.0	540.0	360.0	180.0	4565.1
2	2	20	1	1	0	0	70	53	0.0	630.0	490.0	140.0	4705.1
2	2	21	1	1	0	0	30	56	0.0	270.0	90.0	180.0	4885.1
2	2	22	1	0	1	0	20	48	0.0	180.0	40.0	140.0	5025.1
2	2	23	1	1	1	1	60	45	52.5	525.0	360.0	165.0	5190.1
2	2	24	1	1	1	1	45	50	47.5	475.0	202.5	272.5	5462.6
2	2	25	1	1	1	1	50	50	50.0	500.0	250.0	250.0	5712.6
2	2	26	1	1	1	1	40	20	30.0	300.0	160.0	140.0	5852.6
2	2	27	1	1	1	1	10	30	20.0	200.0	10.0	190.0	6042.6
2	2	28	1	1	0	0	25	40	0.0	225.0	62.5	162.5	6205.1
2	2	29	1	1	0	0	60	35	0.0	540.0	360.0	180.0	6385.1
2	2	30	1	0	0	0	90	45	0.0	810.0	810.0	0.0	6385.1
7	2	1	1	0	1	0	50	70	0.0	450.0	250.0	200.0	200.0
7	2	2	1	1	1	1	50	80	65.0	650.0	250.0	400.0	600.0
7	2	3	1	1	0	0	70	90	0.0	630.0	490.0	140.0	740.0
7	2	4	1	1	1	1	50	60	55.0	550.0	250.0	300.0	1040.0
7	2	5	1	1	1	1	60	57	58.5	585.0	360.0	225.0	1265.0
7	2	6	1	1	1	1	60	70	65.0	650.0	360.0	290.0	1555.0
7	2	7	1	1	1	1	67	40	53.5	535.0	448.9	86.1	1641.1
7	2	8	1	1	1	1	60	50	55.0	550.0	360.0	190.0	1831.1
7	2	9	1	1	1	1	60	45	52.5	525.0	360.0	165.0	1996.1
7	2	10	1	1	1	1	60	45	52.5	525.0	360.0	165.0	2161.1
7	2	11	1	1	1	1	60	48	54.0	540.0	360.0	180.0	2341.1
7	2	12	1	1	1	1	60	60	60.0	600.0	360.0	240.0	2581.1
7	2	13	1	1	1	1	65	65	65.0	650.0	422.5	227.5	2808.6
7	2	14	1	1	1	1	70	40	55.0	550.0	490.0	60.0	2868.6
7	2	15	1	1	1	1	60	35	47.5	475.0	360.0	115.0	2983.6
7	2	16	1	1	1	1	50	44	47.0	470.0	250.0	220.0	3203.6
7	2	17	1	1	1	1	50	47	48.5	485.0	250.0	235.0	3438.6
7	2	18	1	1	1	1	50	51	50.5	505.0	250.0	255.0	3693.6
7	2	19	1	1	0	0	55	60	0.0	495.0	302.5	192.5	3886.1
7	2	20	1	0	1	0	53	70	0.0	477.0	280.9	196.1	4082.2

7	2	21	1	0	1	0	56	30	0.0	504.0	313.6	190.4	4272.6
7	2	22	1	1	0	0	48	20	0.0	432.0	230.4	201.6	4474.2
7	2	23	1	1	1	1	45	60	52.5	525.0	202.5	322.5	4796.7
7	2	24	1	1	1	1	50	45	47.5	475.0	250.0	225.0	5021.7
7	2	25	1	1	1	1	50	50	50.0	500.0	250.0	250.0	5271.7
7	2	26	1	1	1	1	20	40	30.0	300.0	40.0	260.0	5531.7
7	2	27	1	1	1	1	30	10	20.0	200.0	90.0	110.0	5641.7
7	2	28	1	0	1	0	40	25	0.0	360.0	160.0	200.0	5841.7
7	2	29	1	0	1	0	35	60	0.0	315.0	122.5	192.5	6034.2
7	2	30	1	0	0	0	45	90	0.0	405.0	202.5	202.5	6236.7
3	3	1	1	1	0	0	45	45	0.0	405.0	202.5	202.5	202.5
3	3	2	1	1	1	1	45	45	45.0	450.0	202.5	247.5	450.0
3	3	3	1	1	1	1	50	45	47.5	475.0	250.0	225.0	675.0
3	3	4	1	1	1	1	45	45	45.0	450.0	202.5	247.5	922.5
3	3	5	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1170.0
3	3	6	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1417.5
3	3	7	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1665.0
3	3	8	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1912.5
3	3	9	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2160.0
3	3	10	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2407.5
3	3	11	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2655.0
3	3	12	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2902.5
3	3	13	1	1	1	1	45	45	45.0	450.0	202.5	247.5	3150.0
3	3	14	1	1	1	1	45	45	45.0	450.0	202.5	247.5	3397.5
3	3	15	1	1	1	1	46	45	45.5	455.0	211.6	243.4	3640.9
3	3	16	1	1	1	1	45	45	45.0	450.0	202.5	247.5	3888.4
3	3	17	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4135.9
3	3	18	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4383.4
3	3	19	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4630.9
3	3	20	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4878.4
3	3	21	1	1	1	1	45	45	45.0	450.0	202.5	247.5	5125.9
3	3	22	1	1	1	1	45	45	45.0	450.0	202.5	247.5	5373.4
3	3	23	1	1	1	1	44	45	44.5	445.0	193.6	251.4	5624.8
3	3	24	1	1	1	1	45	45	45.0	450.0	202.5	247.5	5872.3
3	3	25	1	1	1	1	44	45	44.5	445.0	193.6	251.4	6123.7
3	3	26	1	1	1	1	44	44	44.0	440.0	193.6	246.4	6370.1
3	3	27	1	1	1	1	44	45	44.5	445.0	193.6	251.4	6621.5
3	3	28	1	1	1	1	44	45	44.5	445.0	193.6	251.4	6872.9



3	3	29	1	1	1	1	45	44	44.5	445.0	202.5	242.5	7115.4
3	3	30	1	1	1	1	45	44	44.5	445.0	202.5	242.5	7357.9
6	3	1	1	0	1	0	45	45	0.0	405.0	202.5	202.5	202.5
6	3	2	1	1	1	1	45	45	45.0	450.0	202.5	247.5	450.0
6	3	3	1	1	1	1	45	50	47.5	475.0	202.5	272.5	722.5
6	3	4	1	1	1	1	45	45	45.0	450.0	202.5	247.5	970.0
6	3	5	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1217.5
6	3	6	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1465.0
6	3	7	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1712.5
6	3	8	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1960.0
6	3	9	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2207.5
6	3	10	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2455.0
6	3	11	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2702.5
6	3	12	1	1	1	1	45	45	45.0	450.0	202.5	247.5	2950.0
6	3	13	1	1	1	1	45	45	45.0	450.0	202.5	247.5	3197.5
6	3	14	1	1	1	1	45	45	45.0	450.0	202.5	247.5	3445.0
6	3	15	1	1	1	1	45	46	45.5	455.0	202.5	252.5	3697.5
6	3	16	1	1	1	1	45	45	45.0	450.0	202.5	247.5	3945.0
6	3	17	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4192.5
6	3	18	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4440.0
6	3	19	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4687.5
6	3	20	1	1	1	1	45	45	45.0	450.0	202.5	247.5	4935.0
6	3	21	1	1	1	1	45	45	45.0	450.0	202.5	247.5	5182.5
6	3	22	1	1	1	1	45	45	45.0	450.0	202.5	247.5	5430.0
6	3	23	1	1	1	1	45	44	44.5	445.0	202.5	242.5	5672.5
6	3	24	1	1	1	1	45	45	45.0	450.0	202.5	247.5	5920.0
6	3	25	1	1	1	1	45	44	44.5	445.0	202.5	242.5	6162.5
6	3	26	1	1	1	1	44	44	44.0	440.0	193.6	246.4	6408.9
6	3	27	1	1	1	1	45	44	44.5	445.0	202.5	242.5	6651.4
6	3	28	1	1	1	1	45	44	44.5	445.0	202.5	242.5	6893.9
6	3	29	1	1	1	1	44	45	44.5	445.0	193.6	251.4	7145.3
6	3	30	1	1	1	1	44	45	44.5	445.0	193.6	251.4	7396.7
4	4	1	1	1	1	1	50	63	56.5	565.0	250.0	315.0	315.0
4	4	2	1	1	0	0	50	58	0.0	450.0	250.0	200.0	515.0
4	4	3	1	1	1	1	50	95	72.5	725.0	250.0	475.0	990.0
4	4	4	1	1	1	1	60	50	55.0	550.0	360.0	190.0	1180.0
4	4	5	1	1	1	1	50	50	50.0	500.0	250.0	250.0	1430.0
4	4	6	1	1	0	0	50	57	0.0	450.0	250.0	200.0	1630.0

4	4	7	1	1	1	1	50	50	50.0	500.0	250.0	250.0	1880.0
4	4	8	1	1	1	1	60	60	60.0	600.0	360.0	240.0	2120.0
4	4	9	1	1	1	1	55	55	55.0	550.0	302.5	247.5	2367.5
4	4	10	1	1	1	1	52	56	54.0	540.0	270.4	269.6	2637.1
4	4	11	1	1	1	1	52	55	53.5	535.0	270.4	264.6	2901.7
4	4	12	1	1	1	1	52	55	53.5	535.0	270.4	264.6	3166.3
4	4	13	1	1	1	1	52	55	53.5	535.0	270.4	264.6	3430.9
4	4	14	1	1	1	1	51	57	54.0	540.0	260.1	279.9	3710.8
4	4	15	1	1	1	1	51	55	53.0	530.0	260.1	269.9	3980.7
4	4	16	1	1	1	1	50	55	52.5	525.0	250.0	275.0	4255.7
4	4	17	1	1	1	1	51	55	53.0	530.0	260.1	269.9	4525.6
4	4	18	1	1	1	1	52	57	54.5	545.0	270.4	274.6	4800.2
4	4	19	1	1	1	1	52	58	55.0	550.0	270.4	279.6	5079.8
4	4	20	1	1	1	1	52	54	53.0	530.0	270.4	259.6	5339.4
4	4	21	1	1	1	1	54	56	55.0	550.0	291.6	258.4	5597.8
4	4	22	1	1	1	1	52	56	54.0	540.0	270.4	269.6	5867.4
4	4	23	1	1	1	1	50	58	54.0	540.0	250.0	290.0	6157.4
4	4	24	1	1	1	1	50	53	51.5	515.0	250.0	265.0	6422.4
4	4	25	1	1	1	1	56	52	54.0	540.0	313.6	226.4	6648.8
4	4	26	1	1	1	1	54	52	53.0	530.0	291.6	238.4	6887.2
4	4	27	1	0	1	0	45	52	0.0	405.0	202.5	202.5	7089.7
4	4	28	1	1	1	1	54	49	51.5	515.0	291.6	223.4	7313.1
4	4	29	1	1	1	1	56	50	53.0	530.0	313.6	216.4	7529.5
4	4	30	1	1	1	1	58	40	49.0	490.0	336.4	153.6	7683.1
5	4	1	1	1	1	1	63	50	56.5	565.0	396.9	168.1	168.1
5	4	2	1	0	1	0	58	50	0.0	522.0	336.4	185.6	353.7
5	4	3	1	1	1	1	95	50	72.5	725.0	902.5	-177.5	176.2
5	4	4	1	1	1	1	50	60	55.0	550.0	250.0	300.0	476.2
5	4	5	1	1	1	1	50	50	50.0	500.0	250.0	250.0	726.2
5	4	6	1	0	1	0	57	50	0.0	513.0	324.9	188.1	914.3
5	4	7	1	1	1	1	50	50	50.0	500.0	250.0	250.0	1164.3
5	4	8	1	1	1	1	60	60	60.0	600.0	360.0	240.0	1404.3
5	4	9	1	1	1	1	55	55	55.0	550.0	302.5	247.5	1651.8
5	4	10	1	1	1	1	56	52	54.0	540.0	313.6	226.4	1878.2
5	4	11	1	1	1	1	55	52	53.5	535.0	302.5	232.5	2110.7
5	4	12	1	1	1	1	55	52	53.5	535.0	302.5	232.5	2343.2
5	4	13	1	1	1	1	55	52	53.5	535.0	302.5	232.5	2575.7
5	4	14	1	1	1	1	57	51	54.0	540.0	324.9	215.1	2790.8

5	4	15	1	1	1	1	55	51	53.0	530.0	302.5	227.5	3018.3
5	4	16	1	1	1	1	55	50	52.5	525.0	302.5	222.5	3240.8
5	4	17	1	1	1	1	55	51	53.0	530.0	302.5	227.5	3468.3
5	4	18	1	1	1	1	57	52	54.5	545.0	324.9	220.1	3688.4
5	4	19	1	1	1	1	58	52	55.0	550.0	336.4	213.6	3902.0
5	4	20	1	1	1	1	54	52	53.0	530.0	291.6	238.4	4140.4
5	4	21	1	1	1	1	56	54	55.0	550.0	313.6	236.4	4376.8
5	4	22	1	1	1	1	56	52	54.0	540.0	313.6	226.4	4603.2
5	4	23	1	1	1	1	58	50	54.0	540.0	336.4	203.6	4806.8
5	4	24	1	1	1	1	53	50	51.5	515.0	280.9	234.1	5040.9
5	4	25	1	1	1	1	52	56	54.0	540.0	270.4	269.6	5310.5
5	4	26	1	1	1	1	52	54	53.0	530.0	270.4	259.6	5570.1
5	4	27	1	1	0	0	52	45	0.0	468.0	270.4	197.6	5767.7
5	4	28	1	1	1	1	49	54	51.5	515.0	240.1	274.9	6042.6
5	4	29	1	1	1	1	50	56	53.0	530.0	250.0	280.0	6322.6
5	4	30	1	1	1	1	40	58	49.0	490.0	160.0	330.0	6652.6
9	5	1	1	1	0	0	1	45	0.0	9.0	0.1	8.9	8.9
9	5	2	1	1	1	1	15	45	30.0	300.0	22.5	277.5	286.4
9	5	3	1	1	1	1	20	45	32.5	325.0	40.0	285.0	571.4
9	5	4	1	0	1	0	25	45	0.0	225.0	62.5	162.5	733.9
9	5	5	1	1	0	0	15	45	0.0	135.0	22.5	112.5	846.4
9	5	6	1	1	1	1	15	45	30.0	300.0	22.5	277.5	1123.9
9	5	7	1	1	0	0	30	45	0.0	270.0	90.0	180.0	1303.9
9	5	8	1	1	0	0	20	45	0.0	180.0	40.0	140.0	1443.9
9	5	9	1	0	0	0	46	45	0.0	414.0	211.6	202.4	1646.3
9	5	10	1	1	0	0	45	45	0.0	405.0	202.5	202.5	1848.8
9	5	11	1	1	0	0	45	45	0.0	405.0	202.5	202.5	2051.3
9	5	12	1	1	0	0	45	45	0.0	405.0	202.5	202.5	2253.8
9	5	13	1	1	0	0	45	45	0.0	405.0	202.5	202.5	2456.3
9	5	14	1	0	0	0	45	45	0.0	405.0	202.5	202.5	2658.8
9	5	15	1	0	0	0	45	45	0.0	405.0	202.5	202.5	2861.3
9	5	16	1	1	0	0	45	45	0.0	405.0	202.5	202.5	3063.8
9	5	17	1	1	0	0	45	45	0.0	405.0	202.5	202.5	3266.3
9	5	18	1	0	0	0	45	45	0.0	405.0	202.5	202.5	3468.8
9	5	19	1	0	0	0	45	45	0.0	405.0	202.5	202.5	3671.3
9	5	20	1	0	0	0	45	45	0.0	405.0	202.5	202.5	3873.8
9	5	21	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4076.3
9	5	22	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4278.8

9	5	23	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4481.3
9	5	24	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4683.8
9	5	25	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4886.3
9	5	26	1	1	0	0	45	45	0.0	405.0	202.5	202.5	5088.8
9	5	27	1	1	0	0	45	45	0.0	405.0	202.5	202.5	5291.3
9	5	28	1	1	0	0	45	45	0.0	405.0	202.5	202.5	5493.8
9	5	29	1	1	0	0	45	45	0.0	405.0	202.5	202.5	5696.3
9	5	30	1	1	0	0	45	45	0.0	405.0	202.5	202.5	5898.8
16	5	1	1	0	1	0	45	1	0.0	405.0	202.5	202.5	202.5
16	5	2	1	1	1	1	45	15	30.0	300.0	202.5	97.5	300.0
16	5	3	1	1	1	1	45	20	32.5	325.0	202.5	122.5	422.5
16	5	4	1	1	0	0	45	25	0.0	405.0	202.5	202.5	625.0
16	5	5	1	0	1	0	45	15	0.0	405.0	202.5	202.5	827.5
16	5	6	1	1	1	1	45	15	30.0	300.0	202.5	97.5	925.0
16	5	7	1	0	1	0	45	30	0.0	405.0	202.5	202.5	1127.5
16	5	8	1	0	1	0	45	20	0.0	405.0	202.5	202.5	1330.0
16	5	9	1	0	0	0	45	46	0.0	405.0	202.5	202.5	1532.5
16	5	10	1	0	1	0	45	45	0.0	405.0	202.5	202.5	1735.0
16	5	11	1	0	1	0	45	45	0.0	405.0	202.5	202.5	1937.5
16	5	12	1	0	1	0	45	45	0.0	405.0	202.5	202.5	2140.0
16	5	13	1	0	1	0	45	45	0.0	405.0	202.5	202.5	2342.5
16	5	14	1	0	0	0	45	45	0.0	405.0	202.5	202.5	2545.0
16	5	15	1	0	0	0	45	45	0.0	405.0	202.5	202.5	2747.5
16	5	16	1	0	1	0	45	45	0.0	405.0	202.5	202.5	2950.0
16	5	17	1	0	1	0	45	45	0.0	405.0	202.5	202.5	3152.5
16	5	18	1	0	0	0	45	45	0.0	405.0	202.5	202.5	3355.0
16	5	19	1	0	0	0	45	45	0.0	405.0	202.5	202.5	3557.5
16	5	20	1	0	0	0	45	45	0.0	405.0	202.5	202.5	3760.0
16	5	21	1	0	0	0	45	45	0.0	405.0	202.5	202.5	3962.5
16	5	22	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4165.0
16	5	23	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4367.5
16	5	24	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4570.0
16	5	25	1	0	0	0	45	45	0.0	405.0	202.5	202.5	4772.5
16	5	26	1	0	1	0	45	45	0.0	405.0	202.5	202.5	4975.0
16	5	27	1	0	1	0	45	45	0.0	405.0	202.5	202.5	5177.5
16	5	28	1	0	1	0	45	45	0.0	405.0	202.5	202.5	5380.0
16	5	29	1	0	1	0	45	45	0.0	405.0	202.5	202.5	5582.5
16	5	30	1	0	1	0	45	45	0.0	405.0	202.5	202.5	5785.0

10	6	1	1	0	0	0	40	45	0.0	360.0	160.0	200.0	200.0
10	6	2	1	1	1	1	46	55	50.5	505.0	211.6	293.4	493.4
10	6	3	1	1	1	1	47	60	53.5	535.0	220.9	314.1	807.5
10	6	4	1	1	1	1	50	59	54.5	545.0	250.0	295.0	1102.5
10	6	5	1	1	1	1	46	50	48.0	480.0	211.6	268.4	1370.9
10	6	6	1	1	1	1	44	57	50.5	505.0	193.6	311.4	1682.3
10	6	7	1	1	1	1	45	56	50.5	505.0	202.5	302.5	1984.8
10	6	8	1	1	1	1	44	58	51.0	510.0	193.6	316.4	2301.2
10	6	9	1	1	1	1	44	50	47.0	470.0	193.6	276.4	2577.6
10	6	10	1	1	1	1	47	45	46.0	460.0	220.9	239.1	2816.7
10	6	11	1	1	1	1	50	44	47.0	470.0	250.0	220.0	3036.7
10	6	12	1	1	1	1	51	44	47.5	475.0	260.1	214.9	3251.6
10	6	13	1	1	1	1	48	25	36.5	365.0	230.4	134.6	3386.2
10	6	14	1	1	1	1	50	32	41.0	410.0	250.0	160.0	3546.2
10	6	15	1	1	1	1	55	20	37.5	375.0	302.5	72.5	3618.7
10	6	16	1	0	1	0	44	30	0.0	396.0	193.6	202.4	3821.1
10	6	17	1	1	0	0	45	50	0.0	405.0	202.5	202.5	4023.6
10	6	18	1	1	1	1	44	35	39.5	395.0	193.6	201.4	4225.0
10	6	19	1	1	1	1	46	20	33.0	330.0	211.6	118.4	4343.4
10	6	20	1	1	1	1	44	25	34.5	345.0	193.6	151.4	4494.8
10	6	21	1	1	1	1	50	32	41.0	410.0	250.0	160.0	4654.8
10	6	22	1	0	1	0	45	50	0.0	405.0	202.5	202.5	4857.3
10	6	23	1	0	1	0	44	50	0.0	396.0	193.6	202.4	5059.7
10	6	24	1	1	1	1	47	32	39.5	395.0	220.9	174.1	5233.8
10	6	25	1	1	1	1	56	20	38.0	380.0	313.6	66.4	5300.2
10	6	26	1	0	1	0	45	15	0.0	405.0	202.5	202.5	5502.7
10	6	27	1	0	1	0	45	50	0.0	405.0	202.5	202.5	5705.2
10	6	28	1	0	1	0	45	50	0.0	405.0	202.5	202.5	5907.7
10	6	29	1	0	1	0	45	50	0.0	405.0	202.5	202.5	6110.2
10	6	30	1	0	1	0	45	50	0.0	405.0	202.5	202.5	6312.7
15	6	1	1	0	0	0	45	40	0.0	405.0	202.5	202.5	202.5
15	6	2	1	1	1	1	55	46	50.5	505.0	302.5	202.5	405.0
15	6	3	1	1	1	1	60	47	53.5	535.0	360.0	175.0	580.0
15	6	4	1	1	1	1	59	50	54.5	545.0	348.1	196.9	776.9
15	6	5	1	1	1	1	50	46	48.0	480.0	250.0	230.0	1006.9
15	6	6	1	1	1	1	57	44	50.5	505.0	324.9	180.1	1187.0
15	6	7	1	1	1	1	56	45	50.5	505.0	313.6	191.4	1378.4
15	6	8	1	1	1	1	58	44	51.0	510.0	336.4	173.6	1552.0

15	6	9	1	1	1	1	50	44	47.0	470.0	250.0	220.0	1772.0
15	6	10	1	1	1	1	45	47	46.0	460.0	202.5	257.5	2029.5
15	6	11	1	1	1	1	44	50	47.0	470.0	193.6	276.4	2305.9
15	6	12	1	1	1	1	44	51	47.5	475.0	193.6	281.4	2587.3
15	6	13	1	1	1	1	25	48	36.5	365.0	62.5	302.5	2889.8
15	6	14	1	1	1	1	32	50	41.0	410.0	102.4	307.6	3197.4
15	6	15	1	1	1	1	20	55	37.5	375.0	40.0	335.0	3532.4
15	6	16	1	1	0	0	30	44	0.0	270.0	90.0	180.0	3712.4
15	6	17	1	0	1	0	50	45	0.0	450.0	250.0	200.0	3912.4
15	6	18	1	1	1	1	35	44	39.5	395.0	122.5	272.5	4184.9
15	6	19	1	1	1	1	20	46	33.0	330.0	40.0	290.0	4474.9
15	6	20	1	1	1	1	25	44	34.5	345.0	62.5	282.5	4757.4
15	6	21	1	1	1	1	32	50	41.0	410.0	102.4	307.6	5065.0
15	6	22	1	1	0	0	50	45	0.0	450.0	250.0	200.0	5265.0
15	6	23	1	1	0	0	50	44	0.0	450.0	250.0	200.0	5465.0
15	6	24	1	1	1	1	32	47	39.5	395.0	102.4	292.6	5757.6
15	6	25	1	1	1	1	20	56	38.0	380.0	40.0	340.0	6097.6
15	6	26	1	1	0	0	15	45	0.0	135.0	22.5	112.5	6210.1
15	6	27	1	1	0	0	50	45	0.0	450.0	250.0	200.0	6410.1
15	6	28	1	1	0	0	50	45	0.0	450.0	250.0	200.0	6610.1
15	6	29	1	1	0	0	50	45	0.0	450.0	250.0	200.0	6810.1
15	6	30	1	1	0	0	50	45	0.0	450.0	250.0	200.0	7010.1
11	7	1	1	1	0	0	55	45	0.0	495.0	302.5	192.5	192.5
11	7	2	1	1	1	1	60	5	32.5	325.0	360.0	-35.0	157.5
11	7	3	1	1	1	1	60	5	32.5	325.0	360.0	-35.0	122.5
11	7	4	1	0	1	0	65	45	0.0	585.0	422.5	162.5	285.0
11	7	5	1	0	1	0	65	45	0.0	585.0	422.5	162.5	447.5
11	7	6	1	0	1	0	70	45	0.0	630.0	490.0	140.0	587.5
11	7	7	1	0	1	0	50	45	0.0	450.0	250.0	200.0	787.5
11	7	8	1	1	1	1	45	5	25.0	250.0	202.5	47.5	835.0
11	7	9	1	0	1	0	45	45	0.0	405.0	202.5	202.5	1037.5
11	7	10	1	0	1	0	45	45	0.0	405.0	202.5	202.5	1240.0
11	7	11	1	0	1	0	45	45	0.0	405.0	202.5	202.5	1442.5
11	7	12	1	0	1	0	23	45	0.0	207.0	52.9	154.1	1596.6
11	7	13	1	0	1	0	23	45	0.0	207.0	52.9	154.1	1750.7
11	7	14	1	0	1	0	23	45	0.0	207.0	52.9	154.1	1904.8
11	7	15	1	0	1	0	23	45	0.0	207.0	52.9	154.1	2058.9
11	7	16	1	0	0	0	23	45	0.0	207.0	52.9	154.1	2213.0

11	7	17	1	0	0	0	23	45	0.0	207.0	52.9	154.1	2367.1
11	7	18	1	0	0	0	23	45	0.0	207.0	52.9	154.1	2521.2
11	7	19	1	0	0	0	23	45	0.0	207.0	52.9	154.1	2675.3
11	7	20	1	0	0	0	23	45	0.0	207.0	52.9	154.1	2829.4
11	7	21	1	0	0	0	23	45	0.0	207.0	52.9	154.1	2983.5
11	7	22	1	0	1	0	23	45	0.0	207.0	52.9	154.1	3137.6
11	7	23	1	0	1	0	23	45	0.0	207.0	52.9	154.1	3291.7
11	7	24	1	1	1	1	23	5	14.0	140.0	52.9	87.1	3378.8
11	7	25	1	1	0	0	11	45	0.0	99.0	12.1	86.9	3465.7
11	7	26	1	1	0	0	23	45	0.0	207.0	52.9	154.1	3619.8
11	7	27	1	0	0	0	23	45	0.0	207.0	52.9	154.1	3773.9
11	7	28	1	0	0	0	23	45	0.0	207.0	52.9	154.1	3928.0
11	7	29	1	0	0	0	23	45	0.0	207.0	52.9	154.1	4082.1
11	7	30	1	0	0	0	23	45	0.0	207.0	52.9	154.1	4236.2
14	7	1	1	0	1	0	45	55	0.0	405.0	202.5	202.5	202.5
14	7	2	1	1	1	1	5	60	32.5	325.0	2.5	322.5	525.0
14	7	3	1	1	1	1	5	60	32.5	325.0	2.5	322.5	847.5
14	7	4	1	1	0	0	45	65	0.0	405.0	202.5	202.5	1050.0
14	7	5	1	1	0	0	45	65	0.0	405.0	202.5	202.5	1252.5
14	7	6	1	1	0	0	45	70	0.0	405.0	202.5	202.5	1455.0
14	7	7	1	1	0	0	45	50	0.0	405.0	202.5	202.5	1657.5
14	7	8	1	1	1	1	5	45	25.0	250.0	2.5	247.5	1905.0
14	7	9	1	1	0	0	45	45	0.0	405.0	202.5	202.5	2107.5
14	7	10	1	1	0	0	45	45	0.0	405.0	202.5	202.5	2310.0
14	7	11	1	1	0	0	45	45	0.0	405.0	202.5	202.5	2512.5
14	7	12	1	1	0	0	45	23	0.0	405.0	202.5	202.5	2715.0
14	7	13	1	1	0	0	45	23	0.0	405.0	202.5	202.5	2917.5
14	7	14	1	1	0	0	45	23	0.0	405.0	202.5	202.5	3120.0
14	7	15	1	1	0	0	45	23	0.0	405.0	202.5	202.5	3322.5
14	7	16	1	0	0	0	45	23	0.0	405.0	202.5	202.5	3525.0
14	7	17	1	0	0	0	45	23	0.0	405.0	202.5	202.5	3727.5
14	7	18	1	0	0	0	45	23	0.0	405.0	202.5	202.5	3930.0
14	7	19	1	0	0	0	45	23	0.0	405.0	202.5	202.5	4132.5
14	7	20	1	0	0	0	45	23	0.0	405.0	202.5	202.5	4335.0
14	7	21	1	0	0	0	45	23	0.0	405.0	202.5	202.5	4537.5
14	7	22	1	1	0	0	45	23	0.0	405.0	202.5	202.5	4740.0
14	7	23	1	1	0	0	45	23	0.0	405.0	202.5	202.5	4942.5
14	7	24	1	1	1	1	5	23	14.0	140.0	2.5	137.5	5080.0

14	7	25	1	0	1	0	45	11	0.0	405.0	202.5	202.5	5282.5
14	7	26	1	0	1	0	45	23	0.0	405.0	202.5	202.5	5485.0
14	7	27	1	0	0	0	45	23	0.0	405.0	202.5	202.5	5687.5
14	7	28	1	0	0	0	45	23	0.0	405.0	202.5	202.5	5890.0
14	7	29	1	0	0	0	45	23	0.0	405.0	202.5	202.5	6092.5
14	7	30	1	0	0	0	45	23	0.0	405.0	202.5	202.5	6295.0
12	8	1	1	0	1	0	24	48	0.0	216.0	57.6	158.4	158.4
12	8	2	1	1	1	1	30	52	41.0	410.0	90.0	320.0	478.4
12	8	3	1	1	1	1	40	50	45.0	450.0	160.0	290.0	768.4
12	8	4	1	1	1	1	50	49	49.5	495.0	250.0	245.0	1013.4
12	8	5	1	1	1	1	50	50	50.0	500.0	250.0	250.0	1263.4
12	8	6	1	1	1	1	51	51	51.0	510.0	260.1	249.9	1513.3
12	8	7	1	1	1	1	51	48	49.5	495.0	260.1	234.9	1748.2
12	8	8	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1995.7
12	8	9	1	1	1	1	47	55	51.0	510.0	220.9	289.1	2284.8
12	8	10	1	1	1	1	50	48	49.0	490.0	250.0	240.0	2524.8
12	8	11	1	1	1	1	49	49	49.0	490.0	240.1	249.9	2774.7
12	8	12	1	1	1	1	50	47	48.5	485.0	250.0	235.0	3009.7
12	8	13	1	1	1	1	49	48	48.5	485.0	240.1	244.9	3254.6
12	8	14	1	1	1	1	49	47	48.0	480.0	240.1	239.9	3494.5
12	8	15	1	1	1	1	45	46	45.5	455.0	202.5	252.5	3747.0
12	8	16	1	1	1	1	45	48	46.5	465.0	202.5	262.5	4009.5
12	8	17	1	1	1	1	47	50	48.5	485.0	220.9	264.1	4273.6
12	8	18	1	1	1	1	49	52	50.5	505.0	240.1	264.9	4538.5
12	8	19	1	1	1	1	50	51	50.5	505.0	250.0	255.0	4793.5
12	8	20	1	1	1	1	49	54	51.5	515.0	240.1	274.9	5068.4
12	8	21	1	1	1	1	50	51	50.5	505.0	250.0	255.0	5323.4
12	8	22	1	1	1	1	51	47	49.0	490.0	260.1	229.9	5553.3
12	8	23	1	1	1	1	51	49	50.0	500.0	260.1	239.9	5793.2
12	8	24	1	1	1	1	49	47	48.0	480.0	240.1	239.9	6033.1
12	8	25	1	1	1	1	48	50	49.0	490.0	230.4	259.6	6292.7
12	8	26	1	1	1	1	49	47	48.0	480.0	240.1	239.9	6532.6
12	8	27	1	1	1	1	48	47	47.5	475.0	230.4	244.6	6777.2
12	8	28	1	1	1	1	47	49	48.0	480.0	220.9	259.1	7036.3
12	8	29	1	1	1	1	49	47	48.0	480.0	240.1	239.9	7276.2
12	8	30	1	1	1	1	48	47	47.5	475.0	230.4	244.6	7520.8
13	8	1	1	1	0	0	48	24	0.0	432.0	230.4	201.6	201.6
13	8	2	1	1	1	1	52	30	41.0	410.0	270.4	139.6	341.2



13	8	3	1	1	1	1	50	40	45.0	450.0	250.0	200.0	541.2
13	8	4	1	1	1	1	49	50	49.5	495.0	240.1	254.9	796.1
13	8	5	1	1	1	1	50	50	50.0	500.0	250.0	250.0	1046.1
13	8	6	1	1	1	1	51	51	51.0	510.0	260.1	249.9	1296.0
13	8	7	1	1	1	1	48	51	49.5	495.0	230.4	264.6	1560.6
13	8	8	1	1	1	1	45	45	45.0	450.0	202.5	247.5	1808.1
13	8	9	1	1	1	1	55	47	51.0	510.0	302.5	207.5	2015.6
13	8	10	1	1	1	1	48	50	49.0	490.0	230.4	259.6	2275.2
13	8	11	1	1	1	1	49	49	49.0	490.0	240.1	249.9	2525.1
13	8	12	1	1	1	1	47	50	48.5	485.0	220.9	264.1	2789.2
13	8	13	1	1	1	1	48	49	48.5	485.0	230.4	254.6	3043.8
13	8	14	1	1	1	1	47	49	48.0	480.0	220.9	259.1	3302.9
13	8	15	1	1	1	1	46	45	45.5	455.0	211.6	243.4	3546.3
13	8	16	1	1	1	1	48	45	46.5	465.0	230.4	234.6	3780.9
13	8	17	1	1	1	1	50	47	48.5	485.0	250.0	235.0	4015.9
13	8	18	1	1	1	1	52	49	50.5	505.0	270.4	234.6	4250.5
13	8	19	1	1	1	1	51	50	50.5	505.0	260.1	244.9	4495.4
13	8	20	1	1	1	1	54	49	51.5	515.0	291.6	223.4	4718.8
13	8	21	1	1	1	1	51	50	50.5	505.0	260.1	244.9	4963.7
13	8	22	1	1	1	1	47	51	49.0	490.0	220.9	269.1	5232.8
13	8	23	1	1	1	1	49	51	50.0	500.0	240.1	259.9	5492.7
13	8	24	1	1	1	1	47	49	48.0	480.0	220.9	259.1	5751.8
13	8	25	1	1	1	1	50	48	49.0	490.0	250.0	240.0	5991.8
13	8	26	1	1	1	1	47	49	48.0	480.0	220.9	259.1	6250.9
13	8	27	1	1	1	1	47	48	47.5	475.0	220.9	254.1	6505.0
13	8	28	1	1	1	1	49	47	48.0	480.0	240.1	239.9	6744.9
13	8	29	1	1	1	1	47	49	48.0	480.0	220.9	259.1	7004.0
13	8	30	1	1	1	1	47	48	47.5	475.0	220.9	254.1	7258.1
17	9	1	2	1	1	1	50	23	36.5	365.0	250.0	115.0	115.0
17	9	2	2	1	1	1	50	10	30.0	300.0	250.0	50.0	165.0
17	9	3	2	1	0	0	100	23	0.0	900.0	1000.0	-100.0	65.0
17	9	4	2	1	1	1	50	5	27.5	275.0	250.0	25.0	90.0
17	9	5	2	1	1	1	50	45	47.5	475.0	250.0	225.0	315.0
17	9	6	2	1	1	1	50	43	46.5	465.0	250.0	215.0	530.0
17	9	7	2	1	1	1	50	40	45.0	450.0	250.0	200.0	730.0
17	9	8	2	1	1	1	55	40	47.5	475.0	302.5	172.5	902.5
17	9	9	2	1	1	1	50	45	47.5	475.0	250.0	225.0	1127.5
17	9	10	2	1	1	1	45	40	42.5	425.0	202.5	222.5	1350.0

17	9	11	2	1	0	0	50	45	0.0	450.0	250.0	200.0	1550.0
17	9	12	2	1	1	1	45	50	47.5	475.0	202.5	272.5	1822.5
17	9	13	2	1	1	1	45	23	34.0	340.0	202.5	137.5	1960.0
17	9	14	2	1	1	1	50	30	40.0	400.0	250.0	150.0	2110.0
17	9	15	2	1	1	1	50	27	38.5	385.0	250.0	135.0	2245.0
17	9	16	2	1	1	1	50	5	27.5	275.0	250.0	25.0	2270.0
17	9	17	2	1	1	1	50	20	35.0	350.0	250.0	100.0	2370.0
17	9	18	2	0	1	0	45	25	0.0	405.0	202.5	202.5	2572.5
17	9	19	2	1	1	1	50	25	37.5	375.0	250.0	125.0	2697.5
17	9	20	2	0	1	0	45	30	0.0	405.0	202.5	202.5	2900.0
17	9	21	2	0	1	0	45	45	0.0	405.0	202.5	202.5	3102.5
17	9	22	2	1	1	1	45	25	35.0	350.0	202.5	147.5	3250.0
17	9	23	2	0	1	0	45	50	0.0	405.0	202.5	202.5	3452.5
17	9	24	2	0	1	0	45	45	0.0	405.0	202.5	202.5	3655.0
17	9	25	2	0	1	0	45	45	0.0	405.0	202.5	202.5	3857.5
17	9	26	2	0	0	0	45	45	0.0	405.0	202.5	202.5	4060.0
17	9	27	2	0	1	0	45	45	0.0	405.0	202.5	202.5	4262.5
17	9	28	2	0	1	0	45	45	0.0	405.0	202.5	202.5	4465.0
17	9	29	2	0	1	0	45	45	0.0	405.0	202.5	202.5	4667.5
17	9	30	2	0	1	0	45	45	0.0	405.0	202.5	202.5	4870.0
24	9	1	2	1	1	1	23	50	36.5	365.0	52.9	312.1	312.1
24	9	2	2	1	1	1	10	50	30.0	300.0	10.0	290.0	602.1
24	9	3	2	0	1	0	23	100	0.0	207.0	52.9	154.1	756.2
24	9	4	2	1	1	1	5	50	27.5	275.0	2.5	272.5	1028.7
24	9	5	2	1	1	1	45	50	47.5	475.0	202.5	272.5	1301.2
24	9	6	2	1	1	1	43	50	46.5	465.0	184.9	280.1	1581.3
24	9	7	2	1	1	1	40	50	45.0	450.0	160.0	290.0	1871.3
24	9	8	2	1	1	1	40	55	47.5	475.0	160.0	315.0	2186.3
24	9	9	2	1	1	1	45	50	47.5	475.0	202.5	272.5	2458.8
24	9	10	2	1	1	1	40	45	42.5	425.0	160.0	265.0	2723.8
24	9	11	2	0	1	0	45	50	0.0	405.0	202.5	202.5	2926.3
24	9	12	2	1	1	1	50	45	47.5	475.0	250.0	225.0	3151.3
24	9	13	2	1	1	1	23	45	34.0	340.0	52.9	287.1	3438.4
24	9	14	2	1	1	1	30	50	40.0	400.0	90.0	310.0	3748.4
24	9	15	2	1	1	1	27	50	38.5	385.0	72.9	312.1	4060.5
24	9	16	2	1	1	1	5	50	27.5	275.0	2.5	272.5	4333.0
24	9	17	2	1	1	1	20	50	35.0	350.0	40.0	310.0	4643.0
24	9	18	2	1	0	0	25	45	0.0	225.0	62.5	162.5	4805.5

24	9	19	2	1	1	1	25	50	37.5	375.0	62.5	312.5	5118.0
24	9	20	2	1	0	0	30	45	0.0	270.0	90.0	180.0	5298.0
24	9	21	2	1	0	0	45	45	0.0	405.0	202.5	202.5	5500.5
24	9	22	2	1	1	1	25	45	35.0	350.0	62.5	287.5	5788.0
24	9	23	2	1	0	0	50	45	0.0	450.0	250.0	200.0	5988.0
24	9	24	2	1	0	0	45	45	0.0	405.0	202.5	202.5	6190.5
24	9	25	2	1	0	0	45	45	0.0	405.0	202.5	202.5	6393.0
24	9	26	2	0	0	0	45	45	0.0	405.0	202.5	202.5	6595.5
24	9	27	2	1	0	0	45	45	0.0	405.0	202.5	202.5	6798.0
24	9	28	2	1	0	0	45	45	0.0	405.0	202.5	202.5	7000.5
24	9	29	2	1	0	0	45	45	0.0	405.0	202.5	202.5	7203.0
24	9	30	2	1	0	0	45	45	0.0	405.0	202.5	202.5	7405.5
18	10	1	2	0	0	0	50	20	0.0	450.0	250.0	200.0	200.0
18	10	2	2	0	1	0	15	100	0.0	135.0	22.5	112.5	312.5
18	10	3	2	0	0	0	90	20	0.0	810.0	810.0	0.0	312.5
18	10	4	2	0	0	0	100	50	0.0	900.0	1000.0	-100.0	212.5
18	10	5	2	0	0	0	15	50	0.0	135.0	22.5	112.5	325.0
18	10	6	2	0	1	0	50	50	0.0	450.0	250.0	200.0	525.0
18	10	7	2	0	0	0	15	44	0.0	135.0	22.5	112.5	637.5
18	10	8	2	0	0	0	18	44	0.0	162.0	32.4	129.6	767.1
18	10	9	2	0	0	0	15	44	0.0	135.0	22.5	112.5	879.6
18	10	10	2	0	0	0	10	45	0.0	90.0	10.0	80.0	959.6
18	10	11	2	0	0	0	5	45	0.0	45.0	2.5	42.5	1002.1
18	10	12	2	0	0	0	30	45	0.0	270.0	90.0	180.0	1182.1
18	10	13	2	0	0	0	40	45	0.0	360.0	160.0	200.0	1382.1
18	10	14	2	0	0	0	40	45	0.0	360.0	160.0	200.0	1582.1
18	10	15	2	0	0	0	40	45	0.0	360.0	160.0	200.0	1782.1
18	10	16	2	1	0	0	50	45	0.0	450.0	250.0	200.0	1982.1
18	10	17	2	1	1	1	90	50	70.0	700.0	810.0	-110.0	1872.1
18	10	18	2	0	1	0	50	45	0.0	450.0	250.0	200.0	2072.1
18	10	19	2	0	1	0	50	44	0.0	450.0	250.0	200.0	2272.1
18	10	20	2	0	0	0	15	45	0.0	135.0	22.5	112.5	2384.6
18	10	21	2	0	1	0	40	45	0.0	360.0	160.0	200.0	2584.6
18	10	22	2	0	1	0	40	45	0.0	360.0	160.0	200.0	2784.6
18	10	23	2	0	1	0	30	45	0.0	270.0	90.0	180.0	2964.6
18	10	24	2	0	0	0	15	45	0.0	135.0	22.5	112.5	3077.1
18	10	25	2	0	0	0	10	45	0.0	90.0	10.0	80.0	3157.1
18	10	26	2	0	1	0	40	45	0.0	360.0	160.0	200.0	3357.1

18	10	27	2	0	0	0	15	45	0.0	135.0	22.5	112.5	3469.6
18	10	28	2	0	0	0	15	45	0.0	135.0	22.5	112.5	3582.1
18	10	29	2	0	0	0	8	45	0.0	72.0	6.4	65.6	3647.7
18	10	30	2	0	0	0	15	45	0.0	135.0	22.5	112.5	3760.2
23	10	1	2	0	0	0	20	50	0.0	180.0	40.0	140.0	140.0
23	10	2	2	1	0	0	100	15	0.0	900.0	1000.0	-100.0	40.0
23	10	3	2	0	0	0	20	90	0.0	180.0	40.0	140.0	180.0
23	10	4	2	0	0	0	50	100	0.0	450.0	250.0	200.0	380.0
23	10	5	2	0	0	0	50	15	0.0	450.0	250.0	200.0	580.0
23	10	6	2	1	0	0	50	50	0.0	450.0	250.0	200.0	780.0
23	10	7	2	0	0	0	44	15	0.0	396.0	193.6	202.4	982.4
23	10	8	2	0	0	0	44	18	0.0	396.0	193.6	202.4	1184.8
23	10	9	2	0	0	0	44	15	0.0	396.0	193.6	202.4	1387.2
23	10	10	2	0	0	0	45	10	0.0	405.0	202.5	202.5	1589.7
23	10	11	2	0	0	0	45	5	0.0	405.0	202.5	202.5	1792.2
23	10	12	2	0	0	0	45	30	0.0	405.0	202.5	202.5	1994.7
23	10	13	2	0	0	0	45	40	0.0	405.0	202.5	202.5	2197.2
23	10	14	2	0	0	0	45	40	0.0	405.0	202.5	202.5	2399.7
23	10	15	2	0	0	0	45	40	0.0	405.0	202.5	202.5	2602.2
23	10	16	2	0	1	0	45	50	0.0	405.0	202.5	202.5	2804.7
23	10	17	2	1	1	1	50	90	70.0	700.0	250.0	450.0	3254.7
23	10	18	2	1	0	0	45	50	0.0	405.0	202.5	202.5	3457.2
23	10	19	2	1	0	0	44	50	0.0	396.0	193.6	202.4	3659.6
23	10	20	2	0	0	0	45	15	0.0	405.0	202.5	202.5	3862.1
23	10	21	2	1	0	0	45	40	0.0	405.0	202.5	202.5	4064.6
23	10	22	2	1	0	0	45	40	0.0	405.0	202.5	202.5	4267.1
23	10	23	2	1	0	0	45	30	0.0	405.0	202.5	202.5	4469.6
23	10	24	2	0	0	0	45	15	0.0	405.0	202.5	202.5	4672.1
23	10	25	2	0	0	0	45	10	0.0	405.0	202.5	202.5	4874.6
23	10	26	2	1	0	0	45	40	0.0	405.0	202.5	202.5	5077.1
23	10	27	2	0	0	0	45	15	0.0	405.0	202.5	202.5	5279.6
23	10	28	2	0	0	0	45	15	0.0	405.0	202.5	202.5	5482.1
23	10	29	2	0	0	0	45	8	0.0	405.0	202.5	202.5	5684.6
23	10	30	2	0	0	0	45	15	0.0	405.0	202.5	202.5	5887.1
19	11	1	2	1	1	1	50	20	35.0	350.0	250.0	100.0	100.0
19	11	2	2	0	1	0	50	20	0.0	450.0	250.0	200.0	300.0
19	11	3	2	1	1	1	30	22	26.0	260.0	90.0	170.0	470.0
19	11	4	2	0	1	0	50	35	0.0	450.0	250.0	200.0	670.0

19	11	5	2	1	1	1	25	35	30.0	300.0	62.5	237.5	907.5
19	11	6	2	1	1	1	30	30	30.0	300.0	90.0	210.0	1117.5
19	11	7	2	1	0	0	35	45	0.0	315.0	122.5	192.5	1310.0
19	11	8	2	1	1	1	35	33	34.0	340.0	122.5	217.5	1527.5
19	11	9	2	1	1	1	30	38	34.0	340.0	90.0	250.0	1777.5
19	11	10	2	1	1	1	30	37	33.5	335.0	90.0	245.0	2022.5
19	11	11	2	1	1	1	35	30	32.5	325.0	122.5	202.5	2225.0
19	11	12	2	1	1	1	30	33	31.5	315.0	90.0	225.0	2450.0
19	11	13	2	1	1	1	33	33	33.0	330.0	108.9	221.1	2671.1
19	11	14	2	1	1	1	33	34	33.5	335.0	108.9	226.1	2897.2
19	11	15	2	1	1	1	34	34	34.0	340.0	115.6	224.4	3121.6
19	11	16	2	1	1	1	35	35	35.0	350.0	122.5	227.5	3349.1
19	11	17	2	1	1	1	36	36	36.0	360.0	129.6	230.4	3579.5
19	11	18	2	1	1	1	37	37	37.0	370.0	136.9	233.1	3812.6
19	11	19	2	1	1	1	40	38	39.0	390.0	160.0	230.0	4042.6
19	11	20	2	1	1	1	40	40	40.0	400.0	160.0	240.0	4282.6
19	11	21	2	1	1	1	43	43	43.0	430.0	184.9	245.1	4527.7
19	11	22	2	1	1	1	46	45	45.5	455.0	211.6	243.4	4771.1
19	11	23	2	1	1	1	46	45	45.5	455.0	211.6	243.4	5014.5
19	11	24	2	1	1	1	46	46	46.0	460.0	211.6	248.4	5262.9
19	11	25	2	1	1	1	48	45	46.5	465.0	230.4	234.6	5497.5
19	11	26	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5745.0
19	11	27	2	1	1	1	46	46	46.0	460.0	211.6	248.4	5993.4
19	11	28	2	1	1	1	40	48	44.0	440.0	160.0	280.0	6273.4
19	11	29	2	0	1	0	50	45	0.0	450.0	250.0	200.0	6473.4
19	11	30	2	0	0	0	50	45	0.0	450.0	250.0	200.0	6673.4
22	11	1	2	1	1	1	20	50	35.0	350.0	40.0	310.0	310.0
22	11	2	2	1	0	0	20	50	0.0	180.0	40.0	140.0	450.0
22	11	3	2	1	1	1	22	30	26.0	260.0	48.4	211.6	661.6
22	11	4	2	1	0	0	35	50	0.0	315.0	122.5	192.5	854.1
22	11	5	2	1	1	1	35	25	30.0	300.0	122.5	177.5	1031.6
22	11	6	2	1	1	1	30	30	30.0	300.0	90.0	210.0	1241.6
22	11	7	2	0	1	0	45	35	0.0	405.0	202.5	202.5	1444.1
22	11	8	2	1	1	1	33	35	34.0	340.0	108.9	231.1	1675.2
22	11	9	2	1	1	1	38	30	34.0	340.0	144.4	195.6	1870.8
22	11	10	2	1	1	1	37	30	33.5	335.0	136.9	198.1	2068.9
22	11	11	2	1	1	1	30	35	32.5	325.0	90.0	235.0	2303.9
22	11	12	2	1	1	1	33	30	31.5	315.0	108.9	206.1	2510.0

22	11	13	2	1	1	1	33	33	33.0	330.0	108.9	221.1	2731.1
22	11	14	2	1	1	1	34	33	33.5	335.0	115.6	219.4	2950.5
22	11	15	2	1	1	1	34	34	34.0	340.0	115.6	224.4	3174.9
22	11	16	2	1	1	1	35	35	35.0	350.0	122.5	227.5	3402.4
22	11	17	2	1	1	1	36	36	36.0	360.0	129.6	230.4	3632.8
22	11	18	2	1	1	1	37	37	37.0	370.0	136.9	233.1	3865.9
22	11	19	2	1	1	1	38	40	39.0	390.0	144.4	245.6	4111.5
22	11	20	2	1	1	1	40	40	40.0	400.0	160.0	240.0	4351.5
22	11	21	2	1	1	1	43	43	43.0	430.0	184.9	245.1	4596.6
22	11	22	2	1	1	1	45	46	45.5	455.0	202.5	252.5	4849.1
22	11	23	2	1	1	1	45	46	45.5	455.0	202.5	252.5	5101.6
22	11	24	2	1	1	1	46	46	46.0	460.0	211.6	248.4	5350.0
22	11	25	2	1	1	1	45	48	46.5	465.0	202.5	262.5	5612.5
22	11	26	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5860.0
22	11	27	2	1	1	1	46	46	46.0	460.0	211.6	248.4	6108.4
22	11	28	2	1	1	1	48	40	44.0	440.0	230.4	209.6	6318.0
22	11	29	2	1	0	0	45	50	0.0	405.0	202.5	202.5	6520.5
22	11	30	2	0	0	0	45	50	0.0	405.0	202.5	202.5	6723.0
20	12	1	2	1	1	1	50	45	47.5	475.0	250.0	225.0	225.0
20	12	2	2	1	1	1	50	45	47.5	475.0	250.0	225.0	450.0
20	12	3	2	1	1	1	55	48	51.5	515.0	302.5	212.5	662.5
20	12	4	2	1	1	1	48	48	48.0	480.0	230.4	249.6	912.1
20	12	5	2	1	1	1	48	46	47.0	470.0	230.4	239.6	1151.7
20	12	6	2	1	1	1	48	47	47.5	475.0	230.4	244.6	1396.3
20	12	7	2	1	1	1	47	47	47.0	470.0	220.9	249.1	1645.4
20	12	8	2	1	1	1	47	48	47.5	475.0	220.9	254.1	1899.5
20	12	9	2	1	1	1	47	46	46.5	465.0	220.9	244.1	2143.6
20	12	10	2	1	1	1	47	46	46.5	465.0	220.9	244.1	2387.7
20	12	11	2	1	1	1	45	46	45.5	455.0	202.5	252.5	2640.2
20	12	12	2	1	1	1	45	47	46.0	460.0	202.5	257.5	2897.7
20	12	13	2	1	1	1	45	46	45.5	455.0	202.5	252.5	3150.2
20	12	14	2	1	1	1	45	46	45.5	455.0	202.5	252.5	3402.7
20	12	15	2	1	1	1	45	44	44.5	445.0	202.5	242.5	3645.2
20	12	16	2	1	1	1	45	45	45.0	450.0	202.5	247.5	3892.7
20	12	17	2	1	1	1	45	45	45.0	450.0	202.5	247.5	4140.2
20	12	18	2	1	1	1	46	46	46.0	460.0	211.6	248.4	4388.6
20	12	19	2	1	1	1	46	45	45.5	455.0	211.6	243.4	4632.0
20	12	20	2	1	1	1	45	45	45.0	450.0	202.5	247.5	4879.5

20	12	21	2	1	1	1	45	46	45.5	455.0	202.5	252.5	5132.0
20	12	22	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5379.5
20	12	23	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5627.0
20	12	24	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5874.5
20	12	25	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6122.0
20	12	26	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6369.5
20	12	27	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6617.0
20	12	28	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6864.5
20	12	29	2	1	1	1	45	45	45.0	450.0	202.5	247.5	7112.0
20	12	30	2	1	1	1	45	45	45.0	450.0	202.5	247.5	7359.5
21	12	1	2	1	1	1	45	50	47.5	475.0	202.5	272.5	272.5
21	12	2	2	1	1	1	45	50	47.5	475.0	202.5	272.5	545.0
21	12	3	2	1	1	1	48	55	51.5	515.0	230.4	284.6	829.6
21	12	4	2	1	1	1	48	48	48.0	480.0	230.4	249.6	1079.2
21	12	5	2	1	1	1	46	48	47.0	470.0	211.6	258.4	1337.6
21	12	6	2	1	1	1	47	48	47.5	475.0	220.9	254.1	1591.7
21	12	7	2	1	1	1	47	47	47.0	470.0	220.9	249.1	1840.8
21	12	8	2	1	1	1	48	47	47.5	475.0	230.4	244.6	2085.4
21	12	9	2	1	1	1	46	47	46.5	465.0	211.6	253.4	2338.8
21	12	10	2	1	1	1	46	47	46.5	465.0	211.6	253.4	2592.2
21	12	11	2	1	1	1	46	45	45.5	455.0	211.6	243.4	2835.6
21	12	12	2	1	1	1	47	45	46.0	460.0	220.9	239.1	3074.7
21	12	13	2	1	1	1	46	45	45.5	455.0	211.6	243.4	3318.1
21	12	14	2	1	1	1	46	45	45.5	455.0	211.6	243.4	3561.5
21	12	15	2	1	1	1	44	45	44.5	445.0	193.6	251.4	3812.9
21	12	16	2	1	1	1	45	45	45.0	450.0	202.5	247.5	4060.4
21	12	17	2	1	1	1	45	45	45.0	450.0	202.5	247.5	4307.9
21	12	18	2	1	1	1	46	46	46.0	460.0	211.6	248.4	4556.3
21	12	19	2	1	1	1	45	46	45.5	455.0	202.5	252.5	4808.8
21	12	20	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5056.3
21	12	21	2	1	1	1	46	45	45.5	455.0	211.6	243.4	5299.7
21	12	22	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5547.2
21	12	23	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5794.7
21	12	24	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6042.2
21	12	25	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6289.7
21	12	26	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6537.2
21	12	27	2	1	1	1	45	45	45.0	450.0	202.5	247.5	6784.7
21	12	28	2	1	1	1	45	45	45.0	450.0	202.5	247.5	7032.2

21	12	29	2	1	1	1	45	45	45.0	450.0	202.5	247.5	7279.7
21	12	30	2	1	1	1	45	45	45.0	450.0	202.5	247.5	7527.2
25	13	1	2	0	0	0	75	30	0.0	675.0	562.5	112.5	112.5
25	13	2	2	1	0	0	80	50	0.0	720.0	640.0	80.0	192.5
25	13	3	2	0	1	0	100	60	0.0	900.0	1000.0	-100.0	92.5
25	13	4	2	1	1	1	80	50	65.0	650.0	640.0	10.0	102.5
25	13	5	2	1	1	1	30	80	55.0	550.0	90.0	460.0	562.5
25	13	6	2	1	1	1	20	50	35.0	350.0	40.0	310.0	872.5
25	13	7	2	1	1	1	50	44	47.0	470.0	250.0	220.0	1092.5
25	13	8	2	0	1	0	50	45	0.0	450.0	250.0	200.0	1292.5
25	13	9	2	1	1	1	20	45	32.5	325.0	40.0	285.0	1577.5
25	13	10	2	1	1	1	10	45	27.5	275.0	10.0	265.0	1842.5
25	13	11	2	1	0	0	50	45	0.0	450.0	250.0	200.0	2042.5
25	13	12	2	0	1	0	45	45	0.0	405.0	202.5	202.5	2245.0
25	13	13	2	1	1	1	10	45	27.5	275.0	10.0	265.0	2510.0
25	13	14	2	1	0	0	45	45	0.0	405.0	202.5	202.5	2712.5
25	13	15	2	0	1	0	46	45	0.0	414.0	211.6	202.4	2914.9
25	13	16	2	1	1	1	10	45	27.5	275.0	10.0	265.0	3179.9
25	13	17	2	1	1	1	10	20	15.0	150.0	10.0	140.0	3319.9
25	13	18	2	0	0	0	45	45	0.0	405.0	202.5	202.5	3522.4
25	13	19	2	1	1	1	30	10	20.0	200.0	90.0	110.0	3632.4
25	13	20	2	1	1	1	5	10	7.5	75.0	2.5	72.5	3704.9
25	13	21	2	0	0	0	45	45	0.0	405.0	202.5	202.5	3907.4
25	13	22	2	0	0	0	44	45	0.0	396.0	193.6	202.4	4109.8
25	13	23	2	0	1	0	45	45	0.0	405.0	202.5	202.5	4312.3
25	13	24	2	1	1	1	10	10	10.0	100.0	10.0	90.0	4402.3
25	13	25	2	0	0	0	45	45	0.0	405.0	202.5	202.5	4604.8
25	13	26	2	1	0	0	40	45	0.0	360.0	160.0	200.0	4804.8
25	13	27	2	1	0	0	44	45	0.0	396.0	193.6	202.4	5007.2
25	13	28	2	1	1	1	0	10	5.0	50.0	0.0	50.0	5057.2
25	13	29	2	0	0	0	45	45	0.0	405.0	202.5	202.5	5259.7
25	13	30	2	0	0	0	45	45	0.0	405.0	202.5	202.5	5462.2
32	13	1	2	0	0	0	30	75	0.0	270.0	90.0	180.0	180.0
32	13	2	2	0	1	0	50	80	0.0	450.0	250.0	200.0	380.0
32	13	3	2	1	0	0	60	100	0.0	540.0	360.0	180.0	560.0
32	13	4	2	1	1	1	50	80	65.0	650.0	250.0	400.0	960.0
32	13	5	2	1	1	1	80	30	55.0	550.0	640.0	-90.0	870.0
32	13	6	2	1	1	1	50	20	35.0	350.0	250.0	100.0	970.0



32	13	7	2	1	1	1	44	50	47.0	470.0	193.6	276.4	1246.4
32	13	8	2	1	0	0	45	50	0.0	405.0	202.5	202.5	1448.9
32	13	9	2	1	1	1	45	20	32.5	325.0	202.5	122.5	1571.4
32	13	10	2	1	1	1	45	10	27.5	275.0	202.5	72.5	1643.9
32	13	11	2	0	1	0	45	50	0.0	405.0	202.5	202.5	1846.4
32	13	12	2	1	0	0	45	45	0.0	405.0	202.5	202.5	2048.9
32	13	13	2	1	1	1	45	10	27.5	275.0	202.5	72.5	2121.4
32	13	14	2	0	1	0	45	45	0.0	405.0	202.5	202.5	2323.9
32	13	15	2	1	0	0	45	46	0.0	405.0	202.5	202.5	2526.4
32	13	16	2	1	1	1	45	10	27.5	275.0	202.5	72.5	2598.9
32	13	17	2	1	1	1	20	10	15.0	150.0	40.0	110.0	2708.9
32	13	18	2	0	0	0	45	45	0.0	405.0	202.5	202.5	2911.4
32	13	19	2	1	1	1	10	30	20.0	200.0	10.0	190.0	3101.4
32	13	20	2	1	1	1	10	5	7.5	75.0	10.0	65.0	3166.4
32	13	21	2	0	0	0	45	45	0.0	405.0	202.5	202.5	3368.9
32	13	22	2	0	0	0	45	44	0.0	405.0	202.5	202.5	3571.4
32	13	23	2	1	0	0	45	45	0.0	405.0	202.5	202.5	3773.9
32	13	24	2	1	1	1	10	10	10.0	100.0	10.0	90.0	3863.9
32	13	25	2	0	0	0	45	45	0.0	405.0	202.5	202.5	4066.4
32	13	26	2	0	1	0	45	40	0.0	405.0	202.5	202.5	4268.9
32	13	27	2	0	1	0	45	44	0.0	405.0	202.5	202.5	4471.4
32	13	28	2	1	1	1	10	0	5.0	50.0	10.0	40.0	4511.4
32	13	29	2	0	0	0	45	45	0.0	405.0	202.5	202.5	4713.9
32	13	30	2	0	0	0	45	45	0.0	405.0	202.5	202.5	4916.4
26	14	1	2	0	0	0	37	50	0.0	333.0	136.9	196.1	196.1
26	14	2	2	0	0	0	34	45	0.0	306.0	115.6	190.4	386.5
26	14	3	2	0	0	0	39	45	0.0	351.0	152.1	198.9	585.4
26	14	4	2	0	0	0	41	45	0.0	369.0	168.1	200.9	786.3
26	14	5	2	0	1	0	42	45	0.0	378.0	176.4	201.6	987.9
26	14	6	2	0	1	0	42	45	0.0	378.0	176.4	201.6	1189.5
26	14	7	2	0	1	0	37	45	0.0	333.0	136.9	196.1	1385.6
26	14	8	2	1	1	1	15	45	30.0	300.0	22.5	277.5	1663.1
26	14	9	2	1	0	0	13	45	0.0	117.0	16.9	100.1	1763.2
26	14	10	2	0	0	0	32	45	0.0	288.0	102.4	185.6	1948.8
26	14	11	2	1	1	1	10	45	27.5	275.0	10.0	265.0	2213.8
26	14	12	2	1	0	0	18	45	0.0	162.0	32.4	129.6	2343.4
26	14	13	2	0	0	0	40	45	0.0	360.0	160.0	200.0	2543.4
26	14	14	2	0	0	0	47	45	0.0	423.0	220.9	202.1	2745.5

26	14	15	2	0	0	0	49	45	0.0	441.0	240.1	200.9	2946.4
26	14	16	2	0	0	0	40	45	0.0	360.0	160.0	200.0	3146.4
26	14	17	2	0	0	0	37	45	0.0	333.0	136.9	196.1	3342.5
26	14	18	2	0	1	0	45	45	0.0	405.0	202.5	202.5	3545.0
26	14	19	2	1	1	1	12	45	28.5	285.0	14.4	270.6	3815.6
26	14	20	2	1	1	1	15	10	12.5	125.0	22.5	102.5	3918.1
26	14	21	2	0	0	0	46	45	0.0	414.0	211.6	202.4	4120.5
26	14	22	2	0	0	0	48	45	0.0	432.0	230.4	201.6	4322.1
26	14	23	2	0	1	0	35	45	0.0	315.0	122.5	192.5	4514.6
26	14	24	2	0	0	0	32	45	0.0	288.0	102.4	185.6	4700.2
26	14	25	2	0	0	0	48	45	0.0	432.0	230.4	201.6	4901.8
26	14	26	2	0	1	0	47	45	0.0	423.0	220.9	202.1	5103.9
26	14	27	2	0	0	0	47	45	0.0	423.0	220.9	202.1	5306.0
26	14	28	2	0	0	0	49	45	0.0	441.0	240.1	200.9	5506.9
26	14	29	2	1	0	0	10	45	0.0	90.0	10.0	80.0	5586.9
26	14	30	2	0	0	0	30	45	0.0	270.0	90.0	180.0	5766.9
31	14	1	2	0	0	0	50	37	0.0	450.0	250.0	200.0	200.0
31	14	2	2	0	0	0	45	34	0.0	405.0	202.5	202.5	402.5
31	14	3	2	0	0	0	45	39	0.0	405.0	202.5	202.5	605.0
31	14	4	2	0	0	0	45	41	0.0	405.0	202.5	202.5	807.5
31	14	5	2	1	0	0	45	42	0.0	405.0	202.5	202.5	1010.0
31	14	6	2	1	0	0	45	42	0.0	405.0	202.5	202.5	1212.5
31	14	7	2	1	0	0	45	37	0.0	405.0	202.5	202.5	1415.0
31	14	8	2	1	1	1	45	15	30.0	300.0	202.5	97.5	1512.5
31	14	9	2	0	1	0	45	13	0.0	405.0	202.5	202.5	1715.0
31	14	10	2	0	0	0	45	32	0.0	405.0	202.5	202.5	1917.5
31	14	11	2	1	1	1	45	10	27.5	275.0	202.5	72.5	1990.0
31	14	12	2	0	1	0	45	18	0.0	405.0	202.5	202.5	2192.5
31	14	13	2	0	0	0	45	40	0.0	405.0	202.5	202.5	2395.0
31	14	14	2	0	0	0	45	47	0.0	405.0	202.5	202.5	2597.5
31	14	15	2	0	0	0	45	49	0.0	405.0	202.5	202.5	2800.0
31	14	16	2	0	0	0	45	40	0.0	405.0	202.5	202.5	3002.5
31	14	17	2	0	0	0	45	37	0.0	405.0	202.5	202.5	3205.0
31	14	18	2	1	0	0	45	45	0.0	405.0	202.5	202.5	3407.5
31	14	19	2	1	1	1	45	12	28.5	285.0	202.5	82.5	3490.0
31	14	20	2	1	1	1	10	15	12.5	125.0	10.0	115.0	3605.0
31	14	21	2	0	0	0	45	46	0.0	405.0	202.5	202.5	3807.5
31	14	22	2	0	0	0	45	48	0.0	405.0	202.5	202.5	4010.0

31	14	23	2	1	0	0	45	35	0.0	405.0	202.5	202.5	4212.5
31	14	24	2	0	0	0	45	32	0.0	405.0	202.5	202.5	4415.0
31	14	25	2	0	0	0	45	48	0.0	405.0	202.5	202.5	4617.5
31	14	26	2	1	0	0	45	47	0.0	405.0	202.5	202.5	4820.0
31	14	27	2	0	0	0	45	47	0.0	405.0	202.5	202.5	5022.5
31	14	28	2	0	0	0	45	49	0.0	405.0	202.5	202.5	5225.0
31	14	29	2	0	1	0	45	10	0.0	405.0	202.5	202.5	5427.5
31	14	30	2	0	0	0	45	30	0.0	405.0	202.5	202.5	5630.0
27	15	1	2	0	1	0	45	50	0.0	405.0	202.5	202.5	202.5
27	15	2	2	0	1	0	45	25	0.0	405.0	202.5	202.5	405.0
27	15	3	2	0	0	0	45	60	0.0	405.0	202.5	202.5	607.5
27	15	4	2	1	1	1	45	55	50.0	500.0	202.5	297.5	905.0
27	15	5	2	1	1	1	45	60	52.5	525.0	202.5	322.5	1227.5
27	15	6	2	1	1	1	45	45	45.0	450.0	202.5	247.5	1475.0
27	15	7	2	1	1	1	45	45	45.0	450.0	202.5	247.5	1722.5
27	15	8	2	1	1	1	55	50	52.5	525.0	302.5	222.5	1945.0
27	15	9	2	1	1	1	45	55	50.0	500.0	202.5	297.5	2242.5
27	15	10	2	1	1	1	45	50	47.5	475.0	202.5	272.5	2515.0
27	15	11	2	1	1	1	45	40	42.5	425.0	202.5	222.5	2737.5
27	15	12	2	1	1	1	45	45	45.0	450.0	202.5	247.5	2985.0
27	15	13	2	1	1	1	45	45	45.0	450.0	202.5	247.5	3232.5
27	15	14	2	1	1	1	45	45	45.0	450.0	202.5	247.5	3480.0
27	15	15	2	1	1	1	55	45	50.0	500.0	302.5	197.5	3677.5
27	15	16	2	1	1	1	45	50	47.5	475.0	202.5	272.5	3950.0
27	15	17	2	1	1	1	45	46	45.5	455.0	202.5	252.5	4202.5
27	15	18	2	1	1	1	45	40	42.5	425.0	202.5	222.5	4425.0
27	15	19	2	1	1	1	45	45	45.0	450.0	202.5	247.5	4672.5
27	15	20	2	1	1	1	45	44	44.5	445.0	202.5	242.5	4915.0
27	15	21	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5162.5
27	15	22	2	1	1	1	45	43	44.0	440.0	202.5	237.5	5400.0
27	15	23	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5647.5
27	15	24	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5895.0
27	15	25	2	1	1	1	45	40	42.5	425.0	202.5	222.5	6117.5
27	15	26	2	1	1	1	52	45	48.5	485.0	270.4	214.6	6332.1
27	15	27	2	1	1	1	46	45	45.5	455.0	211.6	243.4	6575.5
27	15	28	2	1	1	1	45	40	42.5	425.0	202.5	222.5	6798.0
27	15	29	2	1	1	1	45	30	37.5	375.0	202.5	172.5	6970.5
27	15	30	2	1	1	1	45	1	23.0	230.0	202.5	27.5	6998.0

30	15	1	2	1	0	0	50	45	0.0	450.0	250.0	200.0	200.0
30	15	2	2	1	0	0	25	45	0.0	225.0	62.5	162.5	362.5
30	15	3	2	0	0	0	60	45	0.0	540.0	360.0	180.0	542.5
30	15	4	2	1	1	1	55	45	50.0	500.0	302.5	197.5	740.0
30	15	5	2	1	1	1	60	45	52.5	525.0	360.0	165.0	905.0
30	15	6	2	1	1	1	45	45	45.0	450.0	202.5	247.5	1152.5
30	15	7	2	1	1	1	45	45	45.0	450.0	202.5	247.5	1400.0
30	15	8	2	1	1	1	50	55	52.5	525.0	250.0	275.0	1675.0
30	15	9	2	1	1	1	55	45	50.0	500.0	302.5	197.5	1872.5
30	15	10	2	1	1	1	50	45	47.5	475.0	250.0	225.0	2097.5
30	15	11	2	1	1	1	40	45	42.5	425.0	160.0	265.0	2362.5
30	15	12	2	1	1	1	45	45	45.0	450.0	202.5	247.5	2610.0
30	15	13	2	1	1	1	45	45	45.0	450.0	202.5	247.5	2857.5
30	15	14	2	1	1	1	45	45	45.0	450.0	202.5	247.5	3105.0
30	15	15	2	1	1	1	45	55	50.0	500.0	202.5	297.5	3402.5
30	15	16	2	1	1	1	50	45	47.5	475.0	250.0	225.0	3627.5
30	15	17	2	1	1	1	46	45	45.5	455.0	211.6	243.4	3870.9
30	15	18	2	1	1	1	40	45	42.5	425.0	160.0	265.0	4135.9
30	15	19	2	1	1	1	45	45	45.0	450.0	202.5	247.5	4383.4
30	15	20	2	1	1	1	44	45	44.5	445.0	193.6	251.4	4634.8
30	15	21	2	1	1	1	45	45	45.0	450.0	202.5	247.5	4882.3
30	15	22	2	1	1	1	43	45	44.0	440.0	184.9	255.1	5137.4
30	15	23	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5384.9
30	15	24	2	1	1	1	45	45	45.0	450.0	202.5	247.5	5632.4
30	15	25	2	1	1	1	40	45	42.5	425.0	160.0	265.0	5897.4
30	15	26	2	1	1	1	45	52	48.5	485.0	202.5	282.5	6179.9
30	15	27	2	1	1	1	45	46	45.5	455.0	202.5	252.5	6432.4
30	15	28	2	1	1	1	40	45	42.5	425.0	160.0	265.0	6697.4
30	15	29	2	1	1	1	30	45	37.5	375.0	90.0	285.0	6982.4
30	15	30	2	1	1	1	1	45	23.0	230.0	0.1	229.9	7212.3
28	16	1	2	1	1	1	50	50	50.0	500.0	250.0	250.0	250.0
28	16	2	2	1	1	1	60	50	55.0	550.0	360.0	190.0	440.0
28	16	3	2	1	1	1	70	70	70.0	700.0	490.0	210.0	650.0
28	16	4	2	1	1	1	50	80	65.0	650.0	250.0	400.0	1050.0
28	16	5	2	1	1	1	60	50	55.0	550.0	360.0	190.0	1240.0
28	16	6	2	1	1	1	75	45	60.0	600.0	562.5	37.5	1277.5
28	16	7	2	1	1	1	30	30	30.0	300.0	90.0	210.0	1487.5
28	16	8	2	1	0	0	5	100	0.0	45.0	2.5	42.5	1530.0

28	16	9	2	1	0	0	50	50	0.0	450.0	250.0	200.0	1730.0
28	16	10	2	1	0	0	50	56	0.0	450.0	250.0	200.0	1930.0
28	16	11	2	1	0	0	100	45	0.0	900.0	1000.0	-100.0	1830.0
28	16	12	2	1	0	0	50	45	0.0	450.0	250.0	200.0	2030.0
28	16	13	2	1	1	1	50	45	47.5	475.0	250.0	225.0	2255.0
28	16	14	2	1	0	0	50	45	0.0	450.0	250.0	200.0	2455.0
28	16	15	2	1	1	1	60	45	52.5	525.0	360.0	165.0	2620.0
28	16	16	2	1	1	1	55	40	47.5	475.0	302.5	172.5	2792.5
28	16	17	2	1	1	1	50	30	40.0	400.0	250.0	150.0	2942.5
28	16	18	2	1	1	1	70	40	55.0	550.0	490.0	60.0	3002.5
28	16	19	2	1	1	1	50	35	42.5	425.0	250.0	175.0	3177.5
28	16	20	2	1	1	1	50	30	40.0	400.0	250.0	150.0	3327.5
28	16	21	2	1	1	1	50	30	40.0	400.0	250.0	150.0	3477.5
28	16	22	2	1	1	1	40	30	35.0	350.0	160.0	190.0	3667.5
28	16	23	2	0	0	0	50	45	0.0	450.0	250.0	200.0	3867.5
28	16	24	2	0	0	0	50	45	0.0	450.0	250.0	200.0	4067.5
28	16	25	2	0	0	0	50	45	0.0	450.0	250.0	200.0	4267.5
28	16	26	2	1	0	0	50	45	0.0	450.0	250.0	200.0	4467.5
28	16	27	2	1	1	1	50	10	30.0	300.0	250.0	50.0	4517.5
28	16	28	2	0	1	0	50	1	0.0	450.0	250.0	200.0	4717.5
28	16	29	2	0	0	0	50	45	0.0	450.0	250.0	200.0	4917.5
28	16	30	2	0	0	0	50	45	0.0	450.0	250.0	200.0	5117.5
29	16	1	2	1	1	1	50	50	50.0	500.0	250.0	250.0	250.0
29	16	2	2	1	1	1	50	60	55.0	550.0	250.0	300.0	550.0
29	16	3	2	1	1	1	70	70	70.0	700.0	490.0	210.0	760.0
29	16	4	2	1	1	1	80	50	65.0	650.0	640.0	10.0	770.0
29	16	5	2	1	1	1	50	60	55.0	550.0	250.0	300.0	1070.0
29	16	6	2	1	1	1	45	75	60.0	600.0	202.5	397.5	1467.5
29	16	7	2	1	1	1	30	30	30.0	300.0	90.0	210.0	1677.5
29	16	8	2	0	1	0	100	5	0.0	900.0	1000.0	-100.0	1577.5
29	16	9	2	0	1	0	50	50	0.0	450.0	250.0	200.0	1777.5
29	16	10	2	0	1	0	56	50	0.0	504.0	313.6	190.4	1967.9
29	16	11	2	0	1	0	45	100	0.0	405.0	202.5	202.5	2170.4
29	16	12	2	0	1	0	45	50	0.0	405.0	202.5	202.5	2372.9
29	16	13	2	1	1	1	45	50	47.5	475.0	202.5	272.5	2645.4
29	16	14	2	0	1	0	45	50	0.0	405.0	202.5	202.5	2847.9
29	16	15	2	1	1	1	45	60	52.5	525.0	202.5	322.5	3170.4
29	16	16	2	1	1	1	40	55	47.5	475.0	160.0	315.0	3485.4

29	16	17	2	1	1	1	30	50	40.0	400.0	90.0	310.0	3795.4
29	16	18	2	1	1	1	40	70	55.0	550.0	160.0	390.0	4185.4
29	16	19	2	1	1	1	35	50	42.5	425.0	122.5	302.5	4487.9
29	16	20	2	1	1	1	30	50	40.0	400.0	90.0	310.0	4797.9
29	16	21	2	1	1	1	30	50	40.0	400.0	90.0	310.0	5107.9
29	16	22	2	1	1	1	30	40	35.0	350.0	90.0	260.0	5367.9
29	16	23	2	0	0	0	45	50	0.0	405.0	202.5	202.5	5570.4
29	16	24	2	0	0	0	45	50	0.0	405.0	202.5	202.5	5772.9
29	16	25	2	0	0	0	45	50	0.0	405.0	202.5	202.5	5975.4
29	16	26	2	0	1	0	45	50	0.0	405.0	202.5	202.5	6177.9
29	16	27	2	1	1	1	10	50	30.0	300.0	10.0	290.0	6467.9
29	16	28	2	1	0	0	1	50	0.0	9.0	0.1	8.9	6476.8
29	16	29	2	0	0	0	45	50	0.0	405.0	202.5	202.5	6679.3
29	16	30	2	0	0	0	45	50	0.0	405.0	202.5	202.5	6881.8
33	17	1	3	0	1	0	15	66	0.0	135.0	22.5	112.5	112.5
33	17	2	3	1	0	0	25	66	0.0	225.0	62.5	162.5	275.0
33	17	3	3	1	1	1	45	75	60.0	600.0	202.5	397.5	672.5
33	17	4	3	1	1	1	30	60	45.0	450.0	90.0	360.0	1032.5
33	17	5	3	1	0	0	44	70	0.0	396.0	193.6	202.4	1234.9
33	17	6	3	1	0	0	45	70	0.0	405.0	202.5	202.5	1437.4
33	17	7	3	0	1	0	45	70	0.0	405.0	202.5	202.5	1639.9
33	17	8	3	1	0	0	45	66	0.0	405.0	202.5	202.5	1842.4
33	17	9	3	1	1	1	40	66	53.0	530.0	160.0	370.0	2212.4
33	17	10	3	1	1	1	45	70	57.5	575.0	202.5	372.5	2584.9
33	17	11	3	1	1	1	40	60	50.0	500.0	160.0	340.0	2924.9
33	17	12	3	1	1	1	40	55	47.5	475.0	160.0	315.0	3239.9
33	17	13	3	1	1	1	45	80	62.5	625.0	202.5	422.5	3662.4
33	17	14	3	1	1	1	45	60	52.5	525.0	202.5	322.5	3984.9
33	17	15	3	1	1	1	40	65	52.5	525.0	160.0	365.0	4349.9
33	17	16	3	1	1	1	40	60	50.0	500.0	160.0	340.0	4689.9
33	17	17	3	1	1	1	40	75	57.5	575.0	160.0	415.0	5104.9
33	17	18	3	1	1	1	45	55	50.0	500.0	202.5	297.5	5402.4
33	17	19	3	1	1	1	40	57	48.5	485.0	160.0	325.0	5727.4
33	17	20	3	1	1	1	42	59	50.5	505.0	176.4	328.6	6056.0
33	17	21	3	1	1	1	45	53	49.0	490.0	202.5	287.5	6343.5
33	17	22	3	1	1	1	41	61	51.0	510.0	168.1	341.9	6685.4
33	17	23	3	1	1	1	40	55	47.5	475.0	160.0	315.0	7000.4
33	17	24	3	1	1	1	43	57	50.0	500.0	184.9	315.1	7315.5

33	17	25	3	1	1	1	40	58	49.0	490.0	160.0	330.0	7645.5
33	17	26	3	1	1	1	40	61	50.5	505.0	160.0	345.0	7990.5
33	17	27	3	1	1	1	40	59	49.5	495.0	160.0	335.0	8325.5
33	17	28	3	1	1	1	43	58	50.5	505.0	184.9	320.1	8645.6
33	17	29	3	1	1	1	45	56	50.5	505.0	202.5	302.5	8948.1
33	17	30	3	1	1	1	40	54	47.0	470.0	160.0	310.0	9258.1
40	17	1	3	1	0	0	66	15	0.0	594.0	435.6	158.4	158.4
40	17	2	3	0	1	0	66	25	0.0	594.0	435.6	158.4	316.8
40	17	3	3	1	1	1	75	45	60.0	600.0	562.5	37.5	354.3
40	17	4	3	1	1	1	60	30	45.0	450.0	360.0	90.0	444.3
40	17	5	3	0	1	0	70	44	0.0	630.0	490.0	140.0	584.3
40	17	6	3	0	1	0	70	45	0.0	630.0	490.0	140.0	724.3
40	17	7	3	1	0	0	70	45	0.0	630.0	490.0	140.0	864.3
40	17	8	3	0	1	0	66	45	0.0	594.0	435.6	158.4	1022.7
40	17	9	3	1	1	1	66	40	53.0	530.0	435.6	94.4	1117.1
40	17	10	3	1	1	1	70	45	57.5	575.0	490.0	85.0	1202.1
40	17	11	3	1	1	1	60	40	50.0	500.0	360.0	140.0	1342.1
40	17	12	3	1	1	1	55	40	47.5	475.0	302.5	172.5	1514.6
40	17	13	3	1	1	1	80	45	62.5	625.0	640.0	-15.0	1499.6
40	17	14	3	1	1	1	60	45	52.5	525.0	360.0	165.0	1664.6
40	17	15	3	1	1	1	65	40	52.5	525.0	422.5	102.5	1767.1
40	17	16	3	1	1	1	60	40	50.0	500.0	360.0	140.0	1907.1
40	17	17	3	1	1	1	75	40	57.5	575.0	562.5	12.5	1919.6
40	17	18	3	1	1	1	55	45	50.0	500.0	302.5	197.5	2117.1
40	17	19	3	1	1	1	57	40	48.5	485.0	324.9	160.1	2277.2
40	17	20	3	1	1	1	59	42	50.5	505.0	348.1	156.9	2434.1
40	17	21	3	1	1	1	53	45	49.0	490.0	280.9	209.1	2643.2
40	17	22	3	1	1	1	61	41	51.0	510.0	372.1	137.9	2781.1
40	17	23	3	1	1	1	55	40	47.5	475.0	302.5	172.5	2953.6
40	17	24	3	1	1	1	57	43	50.0	500.0	324.9	175.1	3128.7
40	17	25	3	1	1	1	58	40	49.0	490.0	336.4	153.6	3282.3
40	17	26	3	1	1	1	61	40	50.5	505.0	372.1	132.9	3415.2
40	17	27	3	1	1	1	59	40	49.5	495.0	348.1	146.9	3562.1
40	17	28	3	1	1	1	58	43	50.5	505.0	336.4	168.6	3730.7
40	17	29	3	1	1	1	56	45	50.5	505.0	313.6	191.4	3922.1
40	17	30	3	1	1	1	54	40	47.0	470.0	291.6	178.4	4100.5
34	18	1	3	0	0	0	40	4	0.0	360.0	160.0	200.0	200.0
34	18	2	3	0	0	0	45	1	0.0	405.0	202.5	202.5	402.5

34	18	3	3	0	1	0	30	4	0.0	270.0	90.0	180.0	582.5
34	18	4	3	0	0	0	30	30	0.0	270.0	90.0	180.0	762.5
34	18	5	3	1	0	0	41	22	0.0	369.0	168.1	200.9	963.4
34	18	6	3	0	0	0	35	10	0.0	315.0	122.5	192.5	1155.9
34	18	7	3	1	1	1	47	11	29.0	290.0	220.9	69.1	1225.0
34	18	8	3	0	0	0	40	15	0.0	360.0	160.0	200.0	1425.0
34	18	9	3	0	1	0	48	34	0.0	432.0	230.4	201.6	1626.6
34	18	10	3	0	0	0	28	33	0.0	252.0	78.4	173.6	1800.2
34	18	11	3	0	1	0	29	2	0.0	261.0	84.1	176.9	1977.1
34	18	12	3	1	0	0	32	55	0.0	288.0	102.4	185.6	2162.7
34	18	13	3	1	0	0	15	25	0.0	135.0	22.5	112.5	2275.2
34	18	14	3	1	0	0	40	6	0.0	360.0	160.0	200.0	2475.2
34	18	15	3	0	1	0	42	60	0.0	378.0	176.4	201.6	2676.8
34	18	16	3	0	0	0	55	60	0.0	495.0	302.5	192.5	2869.3
34	18	17	3	0	0	0	65	70	0.0	585.0	422.5	162.5	3031.8
34	18	18	3	0	1	0	70	13	0.0	630.0	490.0	140.0	3171.8
34	18	19	3	1	1	1	55	85	70.0	700.0	302.5	397.5	3569.3
34	18	20	3	1	0	0	74	12	0.0	666.0	547.6	118.4	3687.7
34	18	21	3	0	0	0	80	15	0.0	720.0	640.0	80.0	3767.7
34	18	22	3	0	1	0	90	3	0.0	810.0	810.0	0.0	3767.7
34	18	23	3	1	0	0	90	25	0.0	810.0	810.0	0.0	3767.7
34	18	24	3	0	0	0	42	22	0.0	378.0	176.4	201.6	3969.3
34	18	25	3	1	0	0	55	5	0.0	495.0	302.5	192.5	4161.8
34	18	26	3	1	1	1	67	65	66.0	660.0	448.9	211.1	4372.9
34	18	27	3	0	0	0	50	7	0.0	450.0	250.0	200.0	4572.9
34	18	28	3	0	0	0	63	32	0.0	567.0	396.9	170.1	4743.0
34	18	29	3	1	1	1	49	27	38.0	380.0	240.1	139.9	4882.9
34	18	30	3	0	0	0	48	15	0.0	432.0	230.4	201.6	5084.5
39	18	1	3	0	0	0	4	40	0.0	36.0	1.6	34.4	34.4
39	18	2	3	0	0	0	1	45	0.0	9.0	0.1	8.9	43.3
39	18	3	3	1	0	0	4	30	0.0	36.0	1.6	34.4	77.7
39	18	4	3	0	0	0	30	30	0.0	270.0	90.0	180.0	257.7
39	18	5	3	0	1	0	22	41	0.0	198.0	48.4	149.6	407.3
39	18	6	3	0	0	0	10	35	0.0	90.0	10.0	80.0	487.3
39	18	7	3	1	1	1	11	47	29.0	290.0	12.1	277.9	765.2
39	18	8	3	0	0	0	15	40	0.0	135.0	22.5	112.5	877.7
39	18	9	3	1	0	0	34	48	0.0	306.0	115.6	190.4	1068.1
39	18	10	3	0	0	0	33	28	0.0	297.0	108.9	188.1	1256.2



39	18	11	3	1	0	0	2	29	0.0	18.0	0.4	17.6	1273.8
39	18	12	3	0	1	0	55	32	0.0	495.0	302.5	192.5	1466.3
39	18	13	3	0	1	0	25	15	0.0	225.0	62.5	162.5	1628.8
39	18	14	3	0	1	0	6	40	0.0	54.0	3.6	50.4	1679.2
39	18	15	3	1	0	0	60	42	0.0	540.0	360.0	180.0	1859.2
39	18	16	3	0	0	0	60	55	0.0	540.0	360.0	180.0	2039.2
39	18	17	3	0	0	0	70	65	0.0	630.0	490.0	140.0	2179.2
39	18	18	3	1	0	0	13	70	0.0	117.0	16.9	100.1	2279.3
39	18	19	3	1	1	1	85	55	70.0	700.0	722.5	-22.5	2256.8
39	18	20	3	0	1	0	12	74	0.0	108.0	14.4	93.6	2350.4
39	18	21	3	0	0	0	15	80	0.0	135.0	22.5	112.5	2462.9
39	18	22	3	1	0	0	3	90	0.0	27.0	0.9	26.1	2489.0
39	18	23	3	0	1	0	25	90	0.0	225.0	62.5	162.5	2651.5
39	18	24	3	0	0	0	22	42	0.0	198.0	48.4	149.6	2801.1
39	18	25	3	0	1	0	5	55	0.0	45.0	2.5	42.5	2843.6
39	18	26	3	1	1	1	65	67	66.0	660.0	422.5	237.5	3081.1
39	18	27	3	0	0	0	7	50	0.0	63.0	4.9	58.1	3139.2
39	18	28	3	0	0	0	32	63	0.0	288.0	102.4	185.6	3324.8
39	18	29	3	1	1	1	27	49	38.0	380.0	72.9	307.1	3631.9
39	18	30	3	0	0	0	15	48	0.0	135.0	22.5	112.5	3744.4
35	19	1	3	0	1	0	45	45	0.0	405.0	202.5	202.5	202.5
35	19	2	3	0	1	0	45	45	0.0	405.0	202.5	202.5	405.0
35	19	3	3	0	1	0	45	45	0.0	405.0	202.5	202.5	607.5
35	19	4	3	0	1	0	45	45	0.0	405.0	202.5	202.5	810.0
35	19	5	3	0	1	0	45	45	0.0	405.0	202.5	202.5	1012.5
35	19	6	3	0	1	0	45	45	0.0	405.0	202.5	202.5	1215.0
35	19	7	3	0	1	0	45	45	0.0	405.0	202.5	202.5	1417.5
35	19	8	3	0	1	0	45	45	0.0	405.0	202.5	202.5	1620.0
35	19	9	3	0	1	0	45	45	0.0	405.0	202.5	202.5	1822.5
35	19	10	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2025.0
35	19	11	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2227.5
35	19	12	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2430.0
35	19	13	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2632.5
35	19	14	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2835.0
35	19	15	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3037.5
35	19	16	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3240.0
35	19	17	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3442.5
35	19	18	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3645.0

35	19	19	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3847.5
35	19	20	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4050.0
35	19	21	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4252.5
35	19	22	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4455.0
35	19	23	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4657.5
35	19	24	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4860.0
35	19	25	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5062.5
35	19	26	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5265.0
35	19	27	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5467.5
35	19	28	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5670.0
35	19	29	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5872.5
35	19	30	3	0	1	0	45	45	0.0	405.0	202.5	202.5	6075.0
38	19	1	3	1	0	0	45	45	0.0	405.0	202.5	202.5	202.5
38	19	2	3	1	0	0	45	45	0.0	405.0	202.5	202.5	405.0
38	19	3	3	1	0	0	45	45	0.0	405.0	202.5	202.5	607.5
38	19	4	3	1	0	0	45	45	0.0	405.0	202.5	202.5	810.0
38	19	5	3	1	0	0	45	45	0.0	405.0	202.5	202.5	1012.5
38	19	6	3	1	0	0	45	45	0.0	405.0	202.5	202.5	1215.0
38	19	7	3	1	0	0	45	45	0.0	405.0	202.5	202.5	1417.5
38	19	8	3	1	0	0	45	45	0.0	405.0	202.5	202.5	1620.0
38	19	9	3	1	0	0	45	45	0.0	405.0	202.5	202.5	1822.5
38	19	10	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2025.0
38	19	11	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2227.5
38	19	12	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2430.0
38	19	13	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2632.5
38	19	14	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2835.0
38	19	15	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3037.5
38	19	16	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3240.0
38	19	17	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3442.5
38	19	18	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3645.0
38	19	19	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3847.5
38	19	20	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4050.0
38	19	21	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4252.5
38	19	22	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4455.0
38	19	23	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4657.5
38	19	24	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4860.0
38	19	25	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5062.5
38	19	26	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5265.0

38	19	27	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5467.5
38	19	28	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5670.0
38	19	29	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5872.5
38	19	30	3	1	0	0	45	45	0.0	405.0	202.5	202.5	6075.0
36	20	1	3	1	1	1	30	50	40.0	400.0	90.0	310.0	310.0
36	20	2	3	1	1	1	1	50	25.5	255.0	0.1	254.9	564.9
36	20	3	3	1	0	0	45	50	0.0	405.0	202.5	202.5	767.4
36	20	4	3	1	0	0	45	50	0.0	405.0	202.5	202.5	969.9
36	20	5	3	1	0	0	45	50	0.0	405.0	202.5	202.5	1172.4
36	20	6	3	1	0	0	45	50	0.0	405.0	202.5	202.5	1374.9
36	20	7	3	1	1	1	50	80	65.0	650.0	250.0	400.0	1774.9
36	20	8	3	1	1	1	80	70	75.0	750.0	640.0	110.0	1884.9
36	20	9	3	1	1	1	50	60	55.0	550.0	250.0	300.0	2184.9
36	20	10	3	1	1	1	60	70	65.0	650.0	360.0	290.0	2474.9
36	20	11	3	1	1	1	60	65	62.5	625.0	360.0	265.0	2739.9
36	20	12	3	1	1	1	70	60	65.0	650.0	490.0	160.0	2899.9
36	20	13	3	1	1	1	60	57	58.5	585.0	360.0	225.0	3124.9
36	20	14	3	1	1	1	50	60	55.0	550.0	250.0	300.0	3424.9
36	20	15	3	1	1	1	60	70	65.0	650.0	360.0	290.0	3714.9
36	20	16	3	1	1	1	60	65	62.5	625.0	360.0	265.0	3979.9
36	20	17	3	1	1	1	70	65	67.5	675.0	490.0	185.0	4164.9
36	20	18	3	1	1	1	60	65	62.5	625.0	360.0	265.0	4429.9
36	20	19	3	1	1	1	65	67	66.0	660.0	422.5	237.5	4667.4
36	20	20	3	1	1	1	60	65	62.5	625.0	360.0	265.0	4932.4
36	20	21	3	1	1	1	65	68	66.5	665.0	422.5	242.5	5174.9
36	20	22	3	1	1	1	75	70	72.5	725.0	562.5	162.5	5337.4
36	20	23	3	1	1	1	75	73	74.0	740.0	562.5	177.5	5514.9
36	20	24	3	1	1	1	75	71	73.0	730.0	562.5	167.5	5682.4
36	20	25	3	1	1	1	60	71	65.5	655.0	360.0	295.0	5977.4
36	20	26	3	1	1	1	60	78	69.0	690.0	360.0	330.0	6307.4
36	20	27	3	1	0	0	45	50	0.0	405.0	202.5	202.5	6509.9
36	20	28	3	1	0	0	45	50	0.0	405.0	202.5	202.5	6712.4
36	20	29	3	1	0	0	45	50	0.0	405.0	202.5	202.5	6914.9
36	20	30	3	1	1	1	50	65	57.5	575.0	250.0	325.0	7239.9
37	20	1	3	1	1	1	50	30	40.0	400.0	250.0	150.0	150.0
37	20	2	3	1	1	1	50	1	25.5	255.0	250.0	5.0	155.0
37	20	3	3	0	1	0	50	45	0.0	450.0	250.0	200.0	355.0
37	20	4	3	0	1	0	50	45	0.0	450.0	250.0	200.0	555.0

37	20	5	3	0	1	0	50	45	0.0	450.0	250.0	200.0	755.0
37	20	6	3	0	1	0	50	45	0.0	450.0	250.0	200.0	955.0
37	20	7	3	1	1	1	80	50	65.0	650.0	640.0	10.0	965.0
37	20	8	3	1	1	1	70	80	75.0	750.0	490.0	260.0	1225.0
37	20	9	3	1	1	1	60	50	55.0	550.0	360.0	190.0	1415.0
37	20	10	3	1	1	1	70	60	65.0	650.0	490.0	160.0	1575.0
37	20	11	3	1	1	1	65	60	62.5	625.0	422.5	202.5	1777.5
37	20	12	3	1	1	1	60	70	65.0	650.0	360.0	290.0	2067.5
37	20	13	3	1	1	1	57	60	58.5	585.0	324.9	260.1	2327.6
37	20	14	3	1	1	1	60	50	55.0	550.0	360.0	190.0	2517.6
37	20	15	3	1	1	1	70	60	65.0	650.0	490.0	160.0	2677.6
37	20	16	3	1	1	1	65	60	62.5	625.0	422.5	202.5	2880.1
37	20	17	3	1	1	1	65	70	67.5	675.0	422.5	252.5	3132.6
37	20	18	3	1	1	1	65	60	62.5	625.0	422.5	202.5	3335.1
37	20	19	3	1	1	1	67	65	66.0	660.0	448.9	211.1	3546.2
37	20	20	3	1	1	1	65	60	62.5	625.0	422.5	202.5	3748.7
37	20	21	3	1	1	1	68	65	66.5	665.0	462.4	202.6	3951.3
37	20	22	3	1	1	1	70	75	72.5	725.0	490.0	235.0	4186.3
37	20	23	3	1	1	1	73	75	74.0	740.0	532.9	207.1	4393.4
37	20	24	3	1	1	1	71	75	73.0	730.0	504.1	225.9	4619.3
37	20	25	3	1	1	1	71	60	65.5	655.0	504.1	150.9	4770.2
37	20	26	3	1	1	1	78	60	69.0	690.0	608.4	81.6	4851.8
37	20	27	3	0	1	0	50	45	0.0	450.0	250.0	200.0	5051.8
37	20	28	3	0	1	0	50	45	0.0	450.0	250.0	200.0	5251.8
37	20	29	3	0	1	0	50	45	0.0	450.0	250.0	200.0	5451.8
37	20	30	3	1	1	1	65	50	57.5	575.0	422.5	152.5	5604.3
41	21	1	3	1	1	1	50	75	62.5	625.0	250.0	375.0	375.0
41	21	2	3	1	0	0	50	90	0.0	450.0	250.0	200.0	575.0
41	21	3	3	1	1	1	50	90	70.0	700.0	250.0	450.0	1025.0
41	21	4	3	1	1	1	50	50	50.0	500.0	250.0	250.0	1275.0
41	21	5	3	1	1	1	50	85	67.5	675.0	250.0	425.0	1700.0
41	21	6	3	1	0	0	45	100	0.0	405.0	202.5	202.5	1902.5
41	21	7	3	1	1	1	50	50	50.0	500.0	250.0	250.0	2152.5
41	21	8	3	1	1	1	50	50	50.0	500.0	250.0	250.0	2402.5
41	21	9	3	1	1	1	50	60	55.0	550.0	250.0	300.0	2702.5
41	21	10	3	1	1	1	50	75	62.5	625.0	250.0	375.0	3077.5
41	21	11	3	1	1	1	50	50	50.0	500.0	250.0	250.0	3327.5
41	21	12	3	1	1	1	50	50	50.0	500.0	250.0	250.0	3577.5

41	21	13	3	1	1	1	50	50	50.0	500.0	250.0	250.0	3827.5
41	21	14	3	1	1	1	50	50	50.0	500.0	250.0	250.0	4077.5
41	21	15	3	1	1	1	50	50	50.0	500.0	250.0	250.0	4327.5
41	21	16	3	1	1	1	50	50	50.0	500.0	250.0	250.0	4577.5
41	21	17	3	1	1	1	50	50	50.0	500.0	250.0	250.0	4827.5
41	21	18	3	1	0	0	45	28	0.0	405.0	202.5	202.5	5030.0
41	21	19	3	1	1	1	50	50	50.0	500.0	250.0	250.0	5280.0
41	21	20	3	1	1	1	50	50	50.0	500.0	250.0	250.0	5530.0
41	21	21	3	1	1	1	50	50	50.0	500.0	250.0	250.0	5780.0
41	21	22	3	1	1	1	50	50	50.0	500.0	250.0	250.0	6030.0
41	21	23	3	1	1	1	50	50	50.0	500.0	250.0	250.0	6280.0
41	21	24	3	1	1	1	50	50	50.0	500.0	250.0	250.0	6530.0
41	21	25	3	1	1	1	50	50	50.0	500.0	250.0	250.0	6780.0
41	21	26	3	1	0	0	45	50	0.0	405.0	202.5	202.5	6982.5
41	21	27	3	1	1	1	50	50	50.0	500.0	250.0	250.0	7232.5
41	21	28	3	1	0	0	45	50	0.0	405.0	202.5	202.5	7435.0
41	21	29	3	1	0	0	45	50	0.0	405.0	202.5	202.5	7637.5
41	21	30	3	1	1	1	1	50	25.5	255.0	0.1	254.9	7892.4
48	21	1	3	1	1	1	75	50	62.5	625.0	562.5	62.5	62.5
48	21	2	3	0	1	0	90	50	0.0	810.0	810.0	0.0	62.5
48	21	3	3	1	1	1	90	50	70.0	700.0	810.0	-110.0	-47.5
48	21	4	3	1	1	1	50	50	50.0	500.0	250.0	250.0	202.5
48	21	5	3	1	1	1	85	50	67.5	675.0	722.5	-47.5	155.0
48	21	6	3	0	1	0	100	45	0.0	900.0	1000.0	-100.0	55.0
48	21	7	3	1	1	1	50	50	50.0	500.0	250.0	250.0	305.0
48	21	8	3	1	1	1	50	50	50.0	500.0	250.0	250.0	555.0
48	21	9	3	1	1	1	60	50	55.0	550.0	360.0	190.0	745.0
48	21	10	3	1	1	1	75	50	62.5	625.0	562.5	62.5	807.5
48	21	11	3	1	1	1	50	50	50.0	500.0	250.0	250.0	1057.5
48	21	12	3	1	1	1	50	50	50.0	500.0	250.0	250.0	1307.5
48	21	13	3	1	1	1	50	50	50.0	500.0	250.0	250.0	1557.5
48	21	14	3	1	1	1	50	50	50.0	500.0	250.0	250.0	1807.5
48	21	15	3	1	1	1	50	50	50.0	500.0	250.0	250.0	2057.5
48	21	16	3	1	1	1	50	50	50.0	500.0	250.0	250.0	2307.5
48	21	17	3	1	1	1	50	50	50.0	500.0	250.0	250.0	2557.5
48	21	18	3	0	1	0	28	45	0.0	252.0	78.4	173.6	2731.1
48	21	19	3	1	1	1	50	50	50.0	500.0	250.0	250.0	2981.1
48	21	20	3	1	1	1	50	50	50.0	500.0	250.0	250.0	3231.1

48	21	21	3	1	1	1	50	50	50.0	500.0	250.0	250.0	3481.1
48	21	22	3	1	1	1	50	50	50.0	500.0	250.0	250.0	3731.1
48	21	23	3	1	1	1	50	50	50.0	500.0	250.0	250.0	3981.1
48	21	24	3	1	1	1	50	50	50.0	500.0	250.0	250.0	4231.1
48	21	25	3	1	1	1	50	50	50.0	500.0	250.0	250.0	4481.1
48	21	26	3	0	1	0	50	45	0.0	450.0	250.0	200.0	4681.1
48	21	27	3	1	1	1	50	50	50.0	500.0	250.0	250.0	4931.1
48	21	28	3	0	1	0	50	45	0.0	450.0	250.0	200.0	5131.1
48	21	29	3	0	1	0	50	45	0.0	450.0	250.0	200.0	5331.1
48	21	30	3	1	1	1	50	1	25.5	255.0	250.0	5.0	5336.1
42	22	1	3	1	1	1	20	45	32.5	325.0	40.0	285.0	285.0
42	22	2	3	1	0	0	50	42	0.0	450.0	250.0	200.0	485.0
42	22	3	3	1	0	0	50	39	0.0	450.0	250.0	200.0	685.0
42	22	4	3	1	0	0	70	36	0.0	630.0	490.0	140.0	825.0
42	22	5	3	1	0	0	80	33	0.0	720.0	640.0	80.0	905.0
42	22	6	3	1	0	0	20	45	0.0	180.0	40.0	140.0	1045.0
42	22	7	3	0	1	0	90	99	0.0	810.0	810.0	0.0	1045.0
42	22	8	3	1	1	1	20	99	59.5	595.0	40.0	555.0	1600.0
42	22	9	3	1	0	0	20	45	0.0	180.0	40.0	140.0	1740.0
42	22	10	3	1	0	0	100	99	0.0	900.0	1000.0	-100.0	1640.0
42	22	11	3	1	0	0	20	45	0.0	180.0	40.0	140.0	1780.0
42	22	12	3	1	1	1	20	90	55.0	550.0	40.0	510.0	2290.0
42	22	13	3	1	0	0	20	45	0.0	180.0	40.0	140.0	2430.0
42	22	14	3	0	0	0	45	45	0.0	405.0	202.5	202.5	2632.5
42	22	15	3	1	0	0	20	45	0.0	180.0	40.0	140.0	2772.5
42	22	16	3	0	0	0	50	45	0.0	450.0	250.0	200.0	2972.5
42	22	17	3	1	0	0	50	45	0.0	450.0	250.0	200.0	3172.5
42	22	18	3	1	0	0	50	45	0.0	450.0	250.0	200.0	3372.5
42	22	19	3	0	0	0	50	45	0.0	450.0	250.0	200.0	3572.5
42	22	20	3	1	0	0	50	45	0.0	450.0	250.0	200.0	3772.5
42	22	21	3	0	0	0	50	45	0.0	450.0	250.0	200.0	3972.5
42	22	22	3	1	0	0	50	45	0.0	450.0	250.0	200.0	4172.5
42	22	23	3	0	0	0	50	45	0.0	450.0	250.0	200.0	4372.5
42	22	24	3	0	0	0	50	45	0.0	450.0	250.0	200.0	4572.5
42	22	25	3	0	0	0	90	45	0.0	810.0	810.0	0.0	4572.5
42	22	26	3	0	0	0	90	45	0.0	810.0	810.0	0.0	4572.5
42	22	27	3	0	0	0	90	45	0.0	810.0	810.0	0.0	4572.5
42	22	28	3	0	0	0	100	45	0.0	900.0	1000.0	-100.0	4472.5

42	22	29	3	0	0	0	50	45	0.0	450.0	250.0	200.0	4672.5
42	22	30	3	0	0	0	50	45	0.0	450.0	250.0	200.0	4872.5
47	22	1	3	1	1	1	45	20	32.5	325.0	202.5	122.5	122.5
47	22	2	3	0	1	0	42	50	0.0	378.0	176.4	201.6	324.1
47	22	3	3	0	1	0	39	50	0.0	351.0	152.1	198.9	523.0
47	22	4	3	0	1	0	36	70	0.0	324.0	129.6	194.4	717.4
47	22	5	3	0	1	0	33	80	0.0	297.0	108.9	188.1	905.5
47	22	6	3	0	1	0	45	20	0.0	405.0	202.5	202.5	1108.0
47	22	7	3	1	0	0	99	90	0.0	891.0	980.1	-89.1	1018.9
47	22	8	3	1	1	1	99	20	59.5	595.0	980.1	-385.1	633.8
47	22	9	3	0	1	0	45	20	0.0	405.0	202.5	202.5	836.3
47	22	10	3	0	1	0	99	100	0.0	891.0	980.1	-89.1	747.2
47	22	11	3	0	1	0	45	20	0.0	405.0	202.5	202.5	949.7
47	22	12	3	1	1	1	90	20	55.0	550.0	810.0	-260.0	689.7
47	22	13	3	0	1	0	45	20	0.0	405.0	202.5	202.5	892.2
47	22	14	3	0	0	0	45	45	0.0	405.0	202.5	202.5	1094.7
47	22	15	3	0	1	0	45	20	0.0	405.0	202.5	202.5	1297.2
47	22	16	3	0	0	0	45	50	0.0	405.0	202.5	202.5	1499.7
47	22	17	3	0	1	0	45	50	0.0	405.0	202.5	202.5	1702.2
47	22	18	3	0	1	0	45	50	0.0	405.0	202.5	202.5	1904.7
47	22	19	3	0	0	0	45	50	0.0	405.0	202.5	202.5	2107.2
47	22	20	3	0	1	0	45	50	0.0	405.0	202.5	202.5	2309.7
47	22	21	3	0	0	0	45	50	0.0	405.0	202.5	202.5	2512.2
47	22	22	3	0	1	0	45	50	0.0	405.0	202.5	202.5	2714.7
47	22	23	3	0	0	0	45	50	0.0	405.0	202.5	202.5	2917.2
47	22	24	3	0	0	0	45	50	0.0	405.0	202.5	202.5	3119.7
47	22	25	3	0	0	0	45	90	0.0	405.0	202.5	202.5	3322.2
47	22	26	3	0	0	0	45	90	0.0	405.0	202.5	202.5	3524.7
47	22	27	3	0	0	0	45	90	0.0	405.0	202.5	202.5	3727.2
47	22	28	3	0	0	0	45	100	0.0	405.0	202.5	202.5	3929.7
47	22	29	3	0	0	0	45	50	0.0	405.0	202.5	202.5	4132.2
47	22	30	3	0	0	0	45	50	0.0	405.0	202.5	202.5	4334.7
43	23	1	3	0	0	0	30	30	0.0	270.0	90.0	180.0	180.0
43	23	2	3	1	1	1	40	42	41.0	410.0	160.0	250.0	430.0
43	23	3	3	1	1	1	70	44	57.0	570.0	490.0	80.0	510.0
43	23	4	3	0	1	0	55	40	0.0	495.0	302.5	192.5	702.5
43	23	5	3	1	1	1	10	43	26.5	265.0	10.0	255.0	957.5
43	23	6	3	0	1	0	20	43	0.0	180.0	40.0	140.0	1097.5

43	23	7	3	1	1	1	1	45	23.0	230.0	0.1	229.9	1327.4
43	23	8	3	0	0	0	1	45	0.0	9.0	0.1	8.9	1336.3
43	23	9	3	1	0	0	60	45	0.0	540.0	360.0	180.0	1516.3
43	23	10	3	1	1	1	45	100	72.5	725.0	202.5	522.5	2038.8
43	23	11	3	1	1	1	55	65	60.0	600.0	302.5	297.5	2336.3
43	23	12	3	1	1	1	1	50	25.5	255.0	0.1	254.9	2591.2
43	23	13	3	1	0	0	90	45	0.0	810.0	810.0	0.0	2591.2
43	23	14	3	1	0	0	50	45	0.0	450.0	250.0	200.0	2791.2
43	23	15	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2993.7
43	23	16	3	0	1	0	45	47	0.0	405.0	202.5	202.5	3196.2
43	23	17	3	1	1	1	50	44	47.0	470.0	250.0	220.0	3416.2
43	23	18	3	1	1	1	55	44	49.5	495.0	302.5	192.5	3608.7
43	23	19	3	1	1	1	30	44	37.0	370.0	90.0	280.0	3888.7
43	23	20	3	1	1	1	20	45	32.5	325.0	40.0	285.0	4173.7
43	23	21	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4376.2
43	23	22	3	1	1	1	15	44	29.5	295.0	22.5	272.5	4648.7
43	23	23	3	1	1	1	40	45	42.5	425.0	160.0	265.0	4913.7
43	23	24	3	1	1	1	60	44	52.0	520.0	360.0	160.0	5073.7
43	23	25	3	1	1	1	30	45	37.5	375.0	90.0	285.0	5358.7
43	23	26	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5561.2
43	23	27	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5763.7
43	23	28	3	1	1	1	20	44	32.0	320.0	40.0	280.0	6043.7
43	23	29	3	1	0	0	45	45	0.0	405.0	202.5	202.5	6246.2
43	23	30	3	1	0	0	45	45	0.0	405.0	202.5	202.5	6448.7
46	23	1	3	0	0	0	30	30	0.0	270.0	90.0	180.0	180.0
46	23	2	3	1	1	1	42	40	41.0	410.0	176.4	233.6	413.6
46	23	3	3	1	1	1	44	70	57.0	570.0	193.6	376.4	790.0
46	23	4	3	1	0	0	40	55	0.0	360.0	160.0	200.0	990.0
46	23	5	3	1	1	1	43	10	26.5	265.0	184.9	80.1	1070.1
46	23	6	3	1	0	0	43	20	0.0	387.0	184.9	202.1	1272.2
46	23	7	3	1	1	1	45	1	23.0	230.0	202.5	27.5	1299.7
46	23	8	3	0	0	0	45	1	0.0	405.0	202.5	202.5	1502.2
46	23	9	3	0	1	0	45	60	0.0	405.0	202.5	202.5	1704.7
46	23	10	3	1	1	1	100	45	72.5	725.0	1000.0	-275.0	1429.7
46	23	11	3	1	1	1	65	55	60.0	600.0	422.5	177.5	1607.2
46	23	12	3	1	1	1	50	1	25.5	255.0	250.0	5.0	1612.2
46	23	13	3	0	1	0	45	90	0.0	405.0	202.5	202.5	1814.7
46	23	14	3	0	1	0	45	50	0.0	405.0	202.5	202.5	2017.2



46	23	15	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2219.7
46	23	16	3	1	0	0	47	45	0.0	423.0	220.9	202.1	2421.8
46	23	17	3	1	1	1	44	50	47.0	470.0	193.6	276.4	2698.2
46	23	18	3	1	1	1	44	55	49.5	495.0	193.6	301.4	2999.6
46	23	19	3	1	1	1	44	30	37.0	370.0	193.6	176.4	3176.0
46	23	20	3	1	1	1	45	20	32.5	325.0	202.5	122.5	3298.5
46	23	21	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3501.0
46	23	22	3	1	1	1	44	15	29.5	295.0	193.6	101.4	3602.4
46	23	23	3	1	1	1	45	40	42.5	425.0	202.5	222.5	3824.9
46	23	24	3	1	1	1	44	60	52.0	520.0	193.6	326.4	4151.3
46	23	25	3	1	1	1	45	30	37.5	375.0	202.5	172.5	4323.8
46	23	26	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4526.3
46	23	27	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4728.8
46	23	28	3	1	1	1	44	20	32.0	320.0	193.6	126.4	4855.2
46	23	29	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5057.7
46	23	30	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5260.2
44	24	1	3	0	0	0	40	45	0.0	360.0	160.0	200.0	200.0
44	24	2	3	0	1	0	40	45	0.0	360.0	160.0	200.0	400.0
44	24	3	3	1	0	0	45	45	0.0	405.0	202.5	202.5	602.5
44	24	4	3	1	1	1	45	45	45.0	450.0	202.5	247.5	850.0
44	24	5	3	1	1	1	45	45	45.0	450.0	202.5	247.5	1097.5
44	24	6	3	1	1	1	45	50	47.5	475.0	202.5	272.5	1370.0
44	24	7	3	1	1	1	50	40	45.0	450.0	250.0	200.0	1570.0
44	24	8	3	1	1	1	50	50	50.0	500.0	250.0	250.0	1820.0
44	24	9	3	1	1	1	50	40	45.0	450.0	250.0	200.0	2020.0
44	24	10	3	1	1	1	40	30	35.0	350.0	160.0	190.0	2210.0
44	24	11	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2412.5
44	24	12	3	0	1	0	45	45	0.0	405.0	202.5	202.5	2615.0
44	24	13	3	1	1	1	30	50	40.0	400.0	90.0	310.0	2925.0
44	24	14	3	1	1	1	40	0	20.0	200.0	160.0	40.0	2965.0
44	24	15	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3167.5
44	24	16	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3370.0
44	24	17	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3572.5
44	24	18	3	0	1	0	45	45	0.0	405.0	202.5	202.5	3775.0
44	24	19	3	0	0	0	45	45	0.0	405.0	202.5	202.5	3977.5
44	24	20	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4180.0
44	24	21	3	1	1	1	1	25	13.0	130.0	0.1	129.9	4309.9
44	24	22	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4512.4

44	24	23	3	0	1	0	45	45	0.0	405.0	202.5	202.5	4714.9
44	24	24	3	1	1	1	30	25	27.5	275.0	90.0	185.0	4899.9
44	24	25	3	1	1	1	40	25	32.5	325.0	160.0	165.0	5064.9
44	24	26	3	1	1	1	40	25	32.5	325.0	160.0	165.0	5229.9
44	24	27	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5432.4
44	24	28	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5634.9
44	24	29	3	0	1	0	45	45	0.0	405.0	202.5	202.5	5837.4
44	24	30	3	1	1	1	1	25	13.0	130.0	0.1	129.9	5967.3
45	24	1	3	0	0	0	45	40	0.0	405.0	202.5	202.5	202.5
45	24	2	3	1	0	0	45	40	0.0	405.0	202.5	202.5	405.0
45	24	3	3	0	1	0	45	45	0.0	405.0	202.5	202.5	607.5
45	24	4	3	1	1	1	45	45	45.0	450.0	202.5	247.5	855.0
45	24	5	3	1	1	1	45	45	45.0	450.0	202.5	247.5	1102.5
45	24	6	3	1	1	1	50	45	47.5	475.0	250.0	225.0	1327.5
45	24	7	3	1	1	1	40	50	45.0	450.0	160.0	290.0	1617.5
45	24	8	3	1	1	1	50	50	50.0	500.0	250.0	250.0	1867.5
45	24	9	3	1	1	1	40	50	45.0	450.0	160.0	290.0	2157.5
45	24	10	3	1	1	1	30	40	35.0	350.0	90.0	260.0	2417.5
45	24	11	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2620.0
45	24	12	3	1	0	0	45	45	0.0	405.0	202.5	202.5	2822.5
45	24	13	3	1	1	1	50	30	40.0	400.0	250.0	150.0	2972.5
45	24	14	3	1	1	1	0	40	20.0	200.0	0.0	200.0	3172.5
45	24	15	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3375.0
45	24	16	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3577.5
45	24	17	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3780.0
45	24	18	3	1	0	0	45	45	0.0	405.0	202.5	202.5	3982.5
45	24	19	3	0	0	0	45	45	0.0	405.0	202.5	202.5	4185.0
45	24	20	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4387.5
45	24	21	3	1	1	1	25	1	13.0	130.0	62.5	67.5	4455.0
45	24	22	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4657.5
45	24	23	3	1	0	0	45	45	0.0	405.0	202.5	202.5	4860.0
45	24	24	3	1	1	1	25	30	27.5	275.0	62.5	212.5	5072.5
45	24	25	3	1	1	1	25	40	32.5	325.0	62.5	262.5	5335.0
45	24	26	3	1	1	1	25	40	32.5	325.0	62.5	262.5	5597.5
45	24	27	3	1	0	0	45	45	0.0	405.0	202.5	202.5	5800.0
45	24	28	3	1	0	0	45	45	0.0	405.0	202.5	202.5	6002.5
45	24	29	3	1	0	0	45	45	0.0	405.0	202.5	202.5	6205.0
45	24	30	3	1	1	1	25	1	13.0	130.0	62.5	67.5	6272.5

