

1.

	1	2	3	4	5
A	3	9	2	3	7
B	6	1	5	6	6
C	9	4	7	10	3
D	2	5	4	2	1
E	9	6	2	4	6

1	7	0	1	5
5	0	4	5	5
6	1	4	7	0
1	4	3	1	0
7	4	0	2	4

0	7	0	0	5
4	0	4	4	5
5	1	4	6	0
0	4	3	0	0
6	4	0	1	4

A-1	3	A-4	3
B-2	1	B-2	1
C-5	3	C-5	3
D-4	2		2
E-3	2	E-3	2
	11		11

2.

	1	2	3	4	5	6
A	20	15	26	40	32	12
B	15	32	46	26	28	20
C	18	15	2	12	6	14
D	8	24	12	22	22	20
E	12	20	18	10	22	15
Fict	0	0	0	0	0	0

8	3	14	28	20	0
0	17	31	11	13	5
16	13	0	10	4	12
0	16	4	14	14	12
2	10	8	0	12	5
0	0	0	0	0	0

8	0	14	28	17	0
0	14	31	11	10	5
16	10	0	10	1	12
0	13	4	14	11	12
2	7	8	0	9	5
3	0	3	3	0	3

12	0	14	32	17	0
0	10	27	11	6	1
20	10	0	14	1	12
0	9	0	14	7	8
2	3	4	0	5	1
7	0	5	7	0	3

13	0	15	33	17	0
0	9	27	11	5	0
20	9	0	14	0	11
0	8	0	14	6	7
2	2	4	0	4	0
8	0	4	8	0	3

A->2	15
B->6	20
C->3	2
D->1	8
E-> 4	10
5 fica sem	0
Z =	55

A->6	12
B->1	15
C->5	6
D->3	12
E->4	10
2 fica sem	0
Z =	55

A->2	15	A->6	12
B->6	20	B->1	15
C->3	2	C->5	6
D->1	8	D->3	12
E-> 4	10	E->4	10
5 fica sem	0	2 fica sem	0
Z =	55	Z =	55