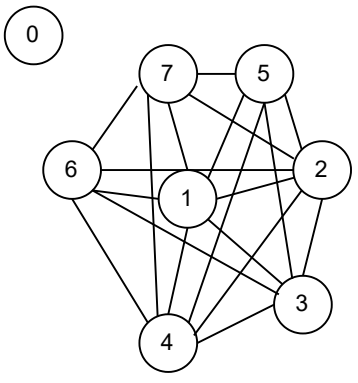
7 0 0 0 2 2 2 0 -2 2 -2 2 -1 2 1 2 1 3	7 = 7 cities 1 -> 0 0 2-> 0 2 3-> 2 2 4-> 0 - 2 5-> 2 -2 6-> 2 -1 7-> 2 1 2 = Машина едет 2ребра 1 3 -> из города 1 в город 3	Координаты по X 0 0 2 0 2 2 2 (0 2) Координаты по Y 0 2 2 -2 -2 -1 1 (-2 -1 0 1 2)

Расстояние между городами :Math.abs(x1 - x2) + Math.abs(y1 - y2);
Расстояние между двумя городами считается как сумма разностей по модулю

	0	2
-2	4	5
-1	-99	6
-1	-99	-99
0	1	2
1	-99	7
2	-99	3

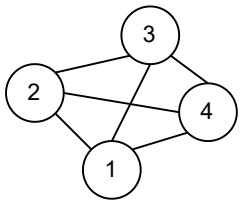
From 1 to 3, distance = 2
answer = 2



Numbers0 1 2 3 4 5 6 7
City N0 : [0, 0, 0, 0, 0, 0, 0, 0]
City N1 : [0, 0, 2, 4, 2, 4, 3, 3]
City N2 : [0, 2, 0, 2, 4, 6, 5, 3]
City N3 : [0, 4, 2, 0, 6, 4, 3, 1]
City N4 : [0, 2, 4, 6, 0, 2, 3, 5]
City N5 : [0, 4, 6, 4, 2, 0, 1, 3]
City N6 : [0, 3, 5, 3, 3, 1, 0, 2]
City N7 : [0, 3, 3, 1, 5, 3, 2, 0]

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

From 1 to 4, distance = 2
answer = 1



Numbers 0 1 2 3 4
City N0 : [0, 0, 0, 0, 0]
City N1 : [0, 0, 1, 1, 2]
City N2 : [0, 1, 0, 2, 1]
City N3 : [0, 1, 2, 0, 1]
City N4 : [0, 2, 1, 1, 0]

From 1 to 4, distance = 1
answer = -1

Numbers : 0 1 2 3 4
City N0 : [0, 0, 0, 0, 0]
City N1 : [0, 0, 2, 2, 4]
City N2 : [0, 2, 0, 4, 2]
City N3 : [0, 2, 4, 0, 2]
City N4 : [0, 4, 2, 2, 0]