square	vertex$_1$	vertex$_2$	vertex$_3$	vertex$_4$
0	(19, 12)	(19, 14)	(22, 14)	(22, 12)
1	(12, 11)	(12, 12)	(16, 12)	(16, 11)
2	(8, 14)	(8, 22)	(9, 22)	(9, 14)
3	(3, 3)	(3, 10)	(4, 10)	(4, 3)
4	(7, 18)	(7, 21)	(15, 21)	(15, 18)
5	(20, 9)	(20, 16)	(22, 16)	(22, 9)
6	(5, 20)	(5, 22)	(12, 22)	(12, 20)
7	(15, 5)	(15, 9)	(16, 9)	(16, 5)
8	(6, 2)	(6, 7)	(11, 7)	(11, 2)
9	(9, 9)	(9, 11)	(17, 11)	(17, 9)
10	(18, 5)	(18, 8)	(21, 8)	(21, 5)
11	(16, 17)	(16, 20)	(19, 20)	(19, 17)
12	(17, 16)	(17, 17)	(23, 17)	(23, 16)
13	(14, 15)	(14, 18)	(15, 18)	(15, 15)
14	(1, 8)	(1, 16)	(8, 16)	(8, 8)
15	(17, 17)	(17, 18)	(18, 18)	(18, 17)

puzzle	start	finish
1	(5, 22)	(14, 15)
2	(4, 3)	(12, 11)
3	(3, 3)	(9, 14)
4	(23, 17)	(7, 18)
5	(22, 16)	(9, 22)
6	(22, 14)	(8, 22)
7	(22, 12)	(5, 22)
8	(21, 5)	(1, 16)
9	(20, 16)	(3, 3)
10	(19, 20)	(11, 7)
11	(9, 22)	(9, 9)
12	(23, 16)	(1, 8)