Problem 2:

(6, 4), (6, 3), (6, 5), (7, 5), (8, 5), (8, 6), (8, 7), (8, 8), (7, 8), (6, 6), (5, 4), (4, 4)

Problem 4:

(6, 4), (5, 4), (6, 5), (6, 3), (4, 4), (6, 6), (7, 5), (3, 4), (4, 5), (8, 5), (2, 4), (4, 6)