First test to ensure proper list population of various size, also figure out standard rigged random:

Inserting 0 @ (1, 3) (2, 0)

Inserting 1 @ (1, 0) (2, 2)

Inserting 2 @ (3, 0) (1, 1)

Inserting 3 @ (2, 3) (3, 3)

Inserting 4 @ (3, 2) (0, 1)

Inserting 5 @ (2, 1) (3, 1)

Inserting 6 @ (0, 2) (1, 2)

Inserting 7 @ (0, 0) (0, 3)

7 4 6 7

1 2 6 0

0 5 1 3

2 5 4 3

17 30 16 25 23 12 16 22

11 2 14 0 1 22 19 26

2 18 23 3 19 10 18 27

29 30 8 3 4 14 4 28

21 31 20 9 12 24 6 29

8 27 26 13 6 25 9 11

21 5 15 15 0 13 1 7

28 31 24 10 5 17 7 20