

1 2 3 3 1 1
 1 3 3 3 1 0
 1 3 3 4 9
 1 3 3 5 8
 1 3 3 6 7

All the possibilities with
 one at the start

2 3 3 3 9
 2 3 3 4 8
 2 3 3 5 7

All the possibilities with 2
 at the start

3 3 3 3 8
 3 3 3 4 7
 3 3 3 5 6

All the possibilities
 with 3 at the start

All the other possibilities for 2nd
 3rd, 4th and 5^m place have been
 covered so there are only 11
 possibilities in total