Pascal's Triangle

1 → 0th row

1 1 → 1st row

1 2 1 → 2nd row

1 3 3 1 → 3rd row

1 4 6 4 1 → 4th row

1 5 10 10 5 1 → 5th row

1 6 15 20 15 6 1 → 6th row

1 7 21 35 35 21 7 1 → 7th row

1 8 28 56 70 56 28 8 1 → 8th row

1 9 36 84 126 126 84 36 9 1 → 9th row

1 10 45 120 210 252 210 120 45 10 1 → 10th row

/ / / / / / / / / / /

0th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th diagonals

Avery 2007