## A248162, Wolfdieter Lang, Nov 022014

The first rows of this irregular triangle are given as lists belonging to increasing number of parts:

1: [0]
2: [2] [0]
3: [6] [2] [0]
4: [12] [6, 4][2] [0]
5: [20][12, 8][6, 4] [2] [0]
6: [30][20, 14,12][12, 8, 6][6, 4] [2] [0]
7: $[42][30,22,18][20,14,12,10][12,8,6][6,4][2][0]$
8: [56][42, $32,26,24][30,22,18,16,14][20,14,12,10,8][12,8,6][6,4][2][0]$
9: [72][56, 44, 36, 32][42, 32, 26, 24, 24, 20, 18][30,22,18, 16,14,12] [20,14, 12, 10, 8] [12, 8, 6] [6, 4] [2] [0]
 10] $[20,14,12,10,8][12,8,6][6,4][2][0]$
The corresponding (rational) probabilities are (in lowest terms):


1: [0]
2: [1] [0]
3: [1] [1/3] [0]
4: [1] [1/2, 1/3] [1/6] [0]
5: [1] [3/5, 2/5] [3/10, 1/5] [1/10] [0]
6: [1] [2/3, 7/15, 2/5] [2/5, 4/15, 1/5] [1/5, 2/15][1/15] [0]
7: [1] [5/7, 11/21, 3/7][10/21, 1/3, 2/7, 5/21] [2/7, 4/21, 1/7] [1/7, 2/21] [1/21] [0]
8: [1] [3/4, 4/7, 13/28, 3/7] [15/28,11/28, 9/28, 2/7, 1/4] [5/14, 1/4, 3/14, 5/28, 1/7] [3/14, 1/7, 3/28] [3/28, 1/14] [1/28] [0]
 5/36, 1/9] [1/6, 1/9, 1/12] [1/12, 1/18] [1/36] [0].



