$\#A = 1.1.1.1.1.1... \cdot 1.3.3.3....3 = 3^{15}$ 4. Drawing w/ replacement, order doesn't matter

> - # of 1s, 2s, 3s, 4s, 5s, 6s 10 tosses

80,2,4,1,1,23 15 25 35 45 55 65

0000000 n-1 separators 2 circles N+2-1 circles or separators How many such patterns are there?