C= f2,4,5,8), dP=7, VIXIXIO - dPi= 0: a initial states

=> there are 47 ways to pick Golds with value e { 2,4,5,84 that sum of Golds is to and arrenge them on a line so

$$\frac{\sum_{23/1-1/2}^{(\chi_1 + \chi_2 + \chi_3 + \chi_4)!} \frac{(\chi_1 + \chi_2 + \chi_3 + \chi_4)!}{\chi_1! \chi_2! \chi_3! \chi_4!} = 11$$

$$\frac{22/1-1/2}{\chi_1! \chi_2! \chi_3! \chi_4!} = 11$$

$$\frac{22/1-1/2}{\chi_1! \chi_2! \chi_3! \chi_4!} = 11$$

$$\frac{22/1-1/2}{\chi_1! \chi_2! \chi_3! \chi_4!} = 11$$