

$$\sum_{l=0}^n \binom{n}{l} = 2^n = (1+1)^n = \sum_{l=0}^n \binom{n}{l} x^l y^{n-l} = \sum_{l=0}^n \binom{n}{l} 1 = \sum_{l=0}^n \binom{n}{l} \quad (1)$$