

Binomial coefficient

[Nematrian website page: [BinomialCoefficient](#), © Nematrian 2015]

The binomial coefficient, often written as $\binom{n}{k}$ and referred to as 'n choose k', is defined as:

$$\binom{n}{k} = \frac{n!}{k!(n-k)!}$$

It is also denoted by $C(n, k)$, ${}_nC_k$ or nC_k .