

The binomial coefficient is defined by the next expression: When displaying fractions in-line, for example $\frac{3x}{2}$ you can set a different display style: $\frac{3x}{2}$.

This is also true the other way around

$$f(x) = \frac{P(x)}{Q(x)} \quad \text{and} \quad f(x) = \frac{P(x)}{Q(x)}$$