




binomial(3,k) binomial(7,3-k)/binomial(10,3) where k={0,1,2,3} 

Input interpretation :

$$\binom{3}{k} \times \frac{\binom{7}{3-k}}{\binom{10}{3}} \text{ where } k = \{0, 1, 2, 3\}$$



Result:

$$\frac{7}{24} \mid \frac{21}{40} \mid \frac{7}{40} \mid \frac{1}{120}$$



binomial(3,k) binomial(7,3-k)/binomial(10,3) where k={0,1,2,3}

Examples Random

Input interpretation:

$$\binom{3}{k} \times \frac{\binom{7}{3-k}}{\binom{10}{3}} \text{ where } k = \{0, 1, 2, 3\}$$



$\binom{n}{m}$ is the binomial coefficient »

Result:

{0.291667, 0.525, 0.175, 0.00833333}

Exact form

Computed by Wolfram Mathematica

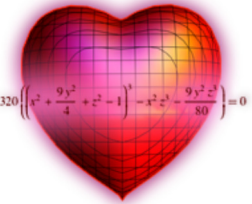
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sum {7/24, 21/40, 7/40, 1/120}



Input:

total

$$\left\{ \frac{7}{24}, \frac{21}{40}, \frac{7}{40}, \frac{1}{120} \right\}$$



Result:

1