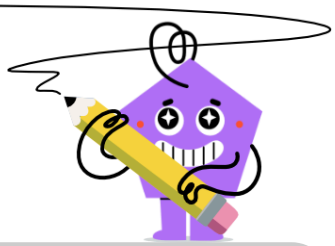
Name

Probability Calculation - Binomial Notation - Simple Division



1 What is the value of this probability expression?

$$\frac{\binom{6}{2}}{\binom{5}{5}}$$

A 15 B 45 C 1 D $\frac{1}{4}$

2 What is the value of this probability expression?

$$\frac{\binom{5}{2}}{\binom{3}{2}}$$

A 50 B $\frac{2}{9}$ C 1 D $\frac{10}{3}$

3 What is the value of this probability expression?

$$\frac{\binom{5}{5}}{\binom{5}{2}}$$

A $\frac{10}{3}$ B $\frac{1}{10}$ C 1 D $\frac{2}{3}$

4 What is the value of this probability expression?

$$\frac{\binom{6}{3}}{\binom{4}{3}}$$

A $\frac{1}{4}$ B 5 C $\frac{10}{3}$ D 20

5 What is the value of this probability expression?

$$\frac{\binom{6}{3}}{\binom{4}{4}}$$

A 6 B $\frac{4}{3}$ C 20 D 4

6 What is the value of this probability expression?

$$\frac{\binom{4}{2}}{\binom{5}{5}}$$

A 15 B 24 C 1 D 6

7 What is the value of this probability expression?

$$\frac{\binom{5}{5}}{\binom{6}{2}}$$

A $\frac{1}{20}$ B 1 C $\frac{1}{225}$ D $\frac{1}{15}$

8 What is the value of this probability expression?

$$\frac{\binom{4}{4}}{\binom{4}{3}}$$

A $\frac{1}{6}$ B $\frac{1}{4}$ C 3 D $\frac{1}{60}$ E 1