Name

Probability Calculation - Binomial Notation - Simple Multiplication

1 What is the value of this probability expression?

$$\binom{6}{2} \cdot \binom{4}{3}$$

A 12 B 60 C 1 D 15

2 What is the value of this probability expression?

$$\binom{6}{4} \cdot \binom{5}{2}$$

A 225 B 1 C 15 D 75 E 150

3 What is the value of this probability expression?

$$\binom{3}{3} \cdot \binom{4}{3}$$

A 1 B $\frac{3}{5}$ C 12 D 4

4 What is the value of this probability expression?

$$\binom{4}{2} \cdot \binom{2}{2}$$

A $\frac{2}{5}$ B 6 C 15 D $\frac{1}{3}$ E 1

5 What is the value of this probability expression?

$$\binom{4}{4} \cdot \binom{4}{2}$$

A 1 B $\frac{1}{5}$ C $\frac{1}{6}$ D 6

6 What is the value of this probability expression?

$$\binom{5}{5} \cdot \binom{5}{3}$$

A 10 B 4 C 1 D 20 E $\frac{2}{5}$

7 What is the value of this probability expression?

$$\binom{5}{5} \cdot \binom{6}{3}$$

A 1 B 6 C 36 D 4 E 20

8 What is the value of this probability expression?

$$\binom{2}{2} \cdot \binom{2}{2}$$

A 10 B $\frac{1}{5}$ C 3 D 1 E $\frac{1}{15}$