Name

Probability Calculation - nCm Notation - One Over Simple Multiplication

1 What is the value of this probability expression?

$$\frac{1}{({}_6C_3)\cdot({}_5C_3)}$$

A $\frac{1}{25}$ B $\frac{1}{200}$ C $\frac{1}{50}$ D $\frac{3}{100}$

2 What is the value of this probability expression?

$$\frac{1}{({}_6C_6)\cdot({}_6C_3)}$$

A $\frac{1}{6}$ B 1 C $\frac{1}{4}$ D $\frac{1}{20}$ E $\frac{1}{10}$

3 What is the value of this probability expression?

$$\frac{1}{({}_4C_4)\cdot({}_6C_5)}$$

A $\frac{1}{30}$ B $\frac{\frac{1}{6}}{61}$ C $\frac{1}{20}$ D 1

4 What is the value of this probability expression?

$$\frac{1}{({}_6C_5)\cdot({}_4C_3)}$$

A $\frac{2}{15}$ B $\frac{1}{24}$ C 1 D $\frac{1}{4}$ E $\frac{1}{60}$

5 What is the value of this probability expression?

$$\frac{1}{({}_5C_5)\cdot({}_5C_5)}$$

A $\frac{1}{10}$ B 90 C 1 D 6

6 What is the value of this probability expression?

$$\frac{1}{({}_4C_2)\cdot({}_5C_4)}$$

A $\frac{1}{6}$ B $\frac{1}{30}$ C 2 D $\frac{\frac{1}{3}}{31}$ E $\frac{1}{5}$

7 What is the value of this probability expression?

$$\frac{1}{({}_3C_3)\cdot({}_5C_4)}$$

A $\frac{1}{5}$ B 1 C $\frac{1}{100}$ D $\frac{1}{20}$ E $\frac{2}{5}$

8 What is the value of this probability expression?

$$\frac{1}{({}_2C_2)\cdot({}_6C_4)}$$

A $\frac{1}{3}$ B $\frac{1}{5}$ C $\frac{1}{15}$ D $\frac{1}{30}$