Math worksheet on *'Probability Calculation - nCm No Simple Multiplication (Level 1)'*. Part of a broader ur *and Statistics - Permutations and Combinations Calc*

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1 What is the value of this probability expression?

$$\frac{1}{({}_6C_3)\cdot({}_4C_2)}$$

a $\frac{1}{20}$ **b** $\frac{1}{90}$ **c** $\frac{1}{300}$ **d** $\frac{1}{120}$ **e** $\frac{1}{80}$

2 What is the value of this probability expression?

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

a $\frac{1}{20}$ **b** 1 **c** $\frac{\frac{1}{6}}{61}$ **d** $\frac{1}{30}$

3 What is the value of this probability expression?

$$\frac{1}{({}_6C_4)\cdot({}_5C_3)}$$

a $\frac{1}{10}$ **b** $\frac{1}{75}$ **c** 1 **d** $\frac{2}{15}$ **e** $\frac{1}{150}$

4 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

5 What is the value of this probability expression?

$$\frac{1}{({}_3C_2)\cdot({}_6C_3)}$$

a $\frac{1}{60}$ **b** $\frac{1}{18}$ **c** $\frac{1}{3}$ **d** $\frac{1}{20}$

6 What is the value of this probability expression?

$$\frac{1}{({}_5C_3)\cdot({}_6C_2)}$$

a $\frac{1}{10}$ **b** $\frac{1}{150}$ **c** $\frac{1}{300}$ **d** $\frac{1}{200}$

7 What is the value of this probability expression?

$$\frac{1}{({}_3C_2)\cdot({}_6C_2)}$$

a $\frac{2}{3}$ **b** $\frac{1}{18}$ **c** $\frac{1}{45}$ **d** $\frac{1}{3}$ **e** $\frac{1}{15}$