Math worksheet on *'Probability nCm Notation - Form to Value (Level 1)'*. Part of a broader unit on *'Probab and Statistics - Probability with Factorials Intro'*

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1 Select the correct value for when this formula is calculated

$$\frac{6!}{4! \cdot 2!}$$

a $\frac{720}{48}$ **b** $\frac{720}{2}$ **c** $\frac{5040}{720}$

2 Select the correct value for when this formula is calculated

$$\frac{3!}{2! \cdot 1!}$$

a $\frac{6}{1}$ **b** $\frac{6}{2}$ **c** $\frac{2}{6}$

3 Select the correct value for when this formula is calculated

$$\frac{5!}{4! \cdot 1!}$$

a $\frac{120}{12}$ **b** $\frac{24}{4}$ **c** $\frac{6}{6}$

d $\frac{120}{24}$ **e** $\frac{120}{1}$

4 Select the correct value for when this formula is calculated

$$\frac{5!}{3! \cdot 2!}$$

a $\frac{120}{2}$ **b** $\frac{120}{12}$ **c** $\frac{6}{120}$

d $\frac{6}{6}$

5 Select the correct value for when this formula is calculated

$$\frac{6!}{3! \cdot 3!}$$

a $\frac{720}{36}$ **b** $\frac{6}{720}$ **c** $\frac{720}{6}$

6 $\frac{4!}{3! \cdot 1!}$

Select the correct value for when this formula is calculated

a $\frac{24}{1}$ **b** $\frac{24}{6}$

7 Select the correct value for when this formula is calculated

$$\frac{4!}{4! \cdot 0!}$$

a $\frac{24}{1}$ **b** $\frac{24}{24}$ **c** $\frac{24}{6}$