



Math worksheet on 'Probability nPm Notation - Formulas (Level 1)'. Part of a broader unit on 'Probability and Binomial Notation Practice'

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1 Select the correct value for when this formula is calculated

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

a $\frac{120}{1}$	b $\frac{6}{1}$	c $\frac{24}{1}$
d $\frac{120}{24}$		

2 Select the correct value for when this formula is calculated

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

a $\frac{24}{1}$	b $\frac{40320}{6}$	c $\frac{720}{1}$
d $\frac{720}{48}$	e $\frac{720}{2}$	f $\frac{120}{1}$

3 Select the correct value for when this formula is calculated

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

a $\frac{120}{12}$	b $\frac{6}{1}$	c $\frac{120}{2}$

4 Select the correct value for when this formula is calculated

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

a $\frac{24}{4}$	b $\frac{6}{1}$	c $\frac{24}{2}$
d $\frac{2}{1}$	e $\frac{120}{6}$	

5 Select the correct value for when this formula is calculated

$$4!$$

a $\frac{24}{6}$	b $\frac{24}{1}$	c $\frac{6}{1}$
d $\frac{720}{24}$	e $\frac{720}{2}$	

6 Select the correct value for when this formula is calculated

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

a $\frac{720}{6}$	b $\frac{6}{1}$	c $\frac{720}{36}$
d $\frac{24}{2}$	e $\frac{24}{1}$	f $\frac{40320}{720}$

7 Select the correct value for when this formula is calculated

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

a $\frac{24}{2}$	b $\frac{120}{6}$	c $\frac{720}{24}$
d $\frac{24}{1}$	e $\frac{120}{12}$	f $\frac{2}{1}$