



Math worksheet on 'Factorial Calculation - Simple Division (Level 1)'. Part of a broader unit on 'Probability and Statistics - Probability with Factorials Intro'

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1 What is the value of this factorial expression?

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

a $\frac{1}{60}$	b 1	c $\frac{1}{4}$
d $\frac{1}{12}$		

2 What is the value of this factorial expression?

$$\frac{4!}{3!}$$

a 4	b 1	c $\frac{1}{3}$
d 24		

3 What is the value of this factorial expression?

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

a $\frac{1}{4}$	b 1	c $\frac{1}{12}$
d 12	e $\frac{1}{5}$	

4 What is the value of this factorial expression?

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

a 60	b 20	c 120

5 What is the value of this factorial expression?

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

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

6 What is the value of this factorial expression?

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

a 1	b $\frac{1}{3}$	c $\frac{1}{4}$
d 6		

7 What is the value of this factorial expression?

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

a $\frac{1}{60}$	b $\frac{1}{24}$	c $\frac{1}{120}$
d $\frac{1}{5}$		