



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? $\frac{5!}{2!}$ | a 60 | b 20 | c 120 |
| | | | |

| | | | |
|--|---------------------------|----------------------------|---------------|
| 2 What is the value of this factorial expression? $\frac{5!}{5!}$ | a $\frac{1}{5}$ | b 4 | c 1 |
| | d 20 | e $\frac{1}{20}$ | |

| | | | |
|--|---------------------------|---------------|---------------------------|
| 3 What is the value of this factorial expression? $\frac{2!}{2!}$ | a 1 | b 3 | c $\frac{1}{2}$ |
| | d $\frac{1}{3}$ | | |

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|--|----------------------------|---------------|---------------------------|
| 4 What is the value of this factorial expression? $\frac{4!}{4!}$ | a $\frac{1}{5}$ | b 1 | c $\frac{1}{4}$ |
| | d $\frac{1}{12}$ | | |

| | | | |
|--|---------------------------|---------------|----------------|
| 5 What is the value of this factorial expression? $\frac{4!}{3!}$ | a $\frac{1}{5}$ | b 4 | c 20 |
| | d 5 | e 1 | |

| | | | |
|--|---------------|----------------|---------------|
| 6 What is the value of this factorial expression? $\frac{3!}{2!}$ | a 1 | b 12 | c 3 |
| | | | |

| | | | |
|--|----------------------------|----------------------------|---------------------------|
| 7 What is the value of this factorial expression? $\frac{3!}{5!}$ | a $\frac{1}{60}$ | b $\frac{1}{20}$ | c $\frac{1}{4}$ |
| | d 1 | e 5 | |