**mobiu**

Math worksheet on *'Factorial Calculation - Single d Bracketed Multiplication (Level 1)'*. Part of a broader u *'Probability and Statistics - Probability with Factori Practice'*

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**1** What is the value of this factorial expression?

$$\frac{2!}{3! \cdot (2 - 2)!}$$

| a | b | c |
|---|---|---|
| $\frac{1}{6}$ | 20 | 1 |
| d | | |
| $\frac{1}{3}$ | | |

**2** What is the value of this factorial expression?

$$\frac{4!}{2! \cdot (6 - 3)!}$$

| a | b | c |
|---|---|---|
| 10 | 12 | 2 |
| d | | |
| 4 | | |

**3** What is the value of this factorial expression?

$$\frac{2!}{2! \cdot (6 - 6)!}$$

| a | b | c |
|---|---|---|
| 12 | 3 | 2 |
| d | e | |
| $\frac{1}{2}$ | 1 | |

**4** What is the value of this factorial expression?

$$\frac{2!}{4! \cdot (5 - 2)!}$$

| a | b | c |
|---|---|---|
| $\frac{1}{144}$ | $\frac{1}{24}$ | $\frac{1}{12}$ |
| d | | |
| $\frac{1}{72}$ | | |

**5** What is the value of this factorial expression?

$$\frac{3!}{2! \cdot (4 - 3)!}$$

| a | b | c |
|---|---|---|
| $\frac{1}{2}$ | 12 | 3 |
| d | | |
| 6 | | |

**6** What is the value of this factorial expression?

$$\frac{2!}{4! \cdot (4 - 3)!}$$

| a | b | c |
|---|---|---|
| $\frac{1}{20}$ | $\frac{1}{12}$ | $\frac{1}{60}$ |
| d | | |
| $\frac{1}{3}$ | | |

**7** What is the value of this factorial expression?

$$\frac{3!}{4! \cdot (5 - 4)!}$$

| a | b | c |
|---|---|---|
| $\frac{1}{2}$ | $\frac{1}{4}$ | 3 |
| d | | |
| 5 | | |