



Factorial Calculation - Bracketed Multiplication

1 What is the value of this factorial expression?

$$3! \cdot (5 - 5)!$$

- | | | |
|---|---------------|---|
| A | B | C |
| 6 | $\frac{1}{4}$ | 1 |

2 What is the value of this factorial expression?

$$4! \cdot (6 - 4)!$$

- | | | | |
|----|----|-----|----|
| A | B | C | D |
| 12 | 24 | 144 | 48 |

3 What is the value of this factorial expression?

$$5! \cdot (3 - 3)!$$

- | | | | | |
|---------------|-----|---|-----|---|
| A | B | C | D | E |
| $\frac{5}{6}$ | 120 | 2 | 240 | 1 |

4 What is the value of this factorial expression?

$$2! \cdot (2 - 2)!$$

- | | | | |
|---|----------------|-----|---|
| A | B | C | D |
| 2 | $\frac{1}{40}$ | 120 | 4 |

5 What is the value of this factorial expression?

$$3! \cdot (3 - 3)!$$

- | | | | |
|---------------|----|---|---|
| A | B | C | D |
| $\frac{1}{2}$ | 24 | 6 | 1 |

6 What is the value of this factorial expression?

$$3! \cdot (4 - 4)!$$

- | | | | |
|---|---------------|---|---|
| A | B | C | D |
| 1 | $\frac{1}{4}$ | 2 | 6 |

7 What is the value of this factorial expression?

$$5! \cdot (6 - 6)!$$

- | | | | | |
|----|----|---------------|---|-----|
| A | B | C | D | E |
| 60 | 30 | $\frac{1}{4}$ | 1 | 120 |

8 What is the value of this factorial expression?

$$3! \cdot (5 - 4)!$$

- | | | | |
|---------------|---|-----|----------------|
| A | B | C | D |
| $\frac{1}{4}$ | 6 | 120 | $\frac{1}{60}$ |