

Order of Operations

Find $48 \div (3 \times 4) + 2$.

Step 1

Do the operations in parentheses first.

$$48 \div (3 \times 4) + 2$$

$$\text{Think: } 3 \times 4 = 12$$

$$48 \div 12 + 2$$

Step 2

Multiply and divide from left to right.

$$48 \div 12 + 2$$

$$\text{Think: } 48 \div 12 = 4$$

$$4 + 2$$

Step 3

Add and subtract from left to right.

$$4 + 2 = 6$$

Simplify. Follow the order of operations.

1. $(3 + 6) \times 8$

2. $24 \div (2 \times 2)$

3. $(3 \times 9) - 8$

4. $12 \times 3 + (8 - 4)$

5. $(4 + 8) \div 3$

6. $15 \div (5 \times 3)$

7. $4 \times 3 + 12$

8. $3 \times 9 + 2 \times 6$

9. $5 \times (49 \div 7)$

10. $(5 \times 3) + 8$

11. $14 \div 2 - 8 \div 4$

12. $(36 \div 6) + 9$

13. $7 \times 4 \div (2 + 5)$

14. $8 \times (15 - 6)$

15. $3 + 5 - (6 + 1)$
