

Order of Operations

Simplify. Follow the order of operations.

$$7 + (12 \div 3) \times 5$$

$$7 + (12 \div 3) \times 5 = \text{Simplify inside parentheses.}$$

$$7 + 4 \times 5 = \text{Multiply and divide from left to right.}$$

$$7 + 20 = \text{Add and subtract from left to right.}$$

$$27$$

1. $(7 + 8) \times 2$

2. $(12 - 7) \times 8$

3. $(9 + 7) \div 8$

4. $25 + (4 \times 5) - 15$

5. $70 - (8 \times 5) \div 10$

6. $(28 - 4) \div 3$

Copy the expression. Then insert parentheses to make 15.

7. $8 + 21 \div 3$

8. $12 + 18 \div 2$

9. $3 \times 9 - 4$

Problem Solving

Show your work.

10. There are 30 students in the classroom. If three groups of 4 students leave the room, how many are left? How did you get your answer?
