

## Order of Operations

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★ Remember the order of operations.

1. If there are parentheses, work inside them first.
2. Simplify exponents.
3. Multiply, and then divide from left to right.
4. Add and subtract from left to right.

$$24 \div 6(4 - 2) + 2^3 =$$

$$24 \div 6(2) + 2^3 =$$

$$24 \div 6(2) + 8 =$$

$$24 \div 12 + 8 =$$

$$2 + 8 = 10$$

Solve. Show your work.

1  $5 \times 7 + 3 =$

$3^3 \times 2 - 16 \div 4 =$

2  $12 - 7 \times 2 =$

$4^3 \div 8 + 18 \times 2 =$

3  $15 \div 3 + 4 =$

$5^3 \times 4 - 20 \div 5 =$

4  $8 \times 6 + 5 =$

$6^3 \div 8 + 22 \times 4 =$

5  $20 - 10 \times 3 =$

$7^3 \times 6 - 24 \div 6 =$

6  $25 \div 5 + 14 =$

$8^3 \div 2 + 26 \times 3 =$

7  $9 \times 2 + 8 =$

$9^3 \times 8 - 27 \div 3 =$

8 Which has a greater value:  $23 \times 2 - 12 \div 3$  or  $24 - 9 \div 3 (2 + 3)$ ?