Order of Operations

EXAMPLES

$3^2 + 5 \times 6$

$= 9 + 30$

$= 39$

$2^3 + 6 \times 3 \div 2$

$= 8 + 18 \quad \div 2$

$= 8 + \quad 9$

$= 17$

Determine the answer for each of the following.

1. $12 - 18 \div 2$

2. $25 + 16 - 12 \div 2$

3. $5 + 6 \div 2 \times 3$

4. $2 + 8 \times 3 - 6 \times 2$

5. $16 - 9 \times 2 \div 3 + 3$

6. $25 - 4 \times 9 \div 2 + 12 \div 4 \times 2$

7. $12 + 6^2 \div 12 + 5 \times 2$

8. $2^4 + 2^2 \times 9 \div 6$

9. $8^2 - 4^2 \div 2 + 8^2 \div 2^2$

10. $9 - 6 \times 2 \div 2^2 - 6 \times 4 \div 8$

11. $8 + 5 \times 2 - 6 \times 3 \div 3^2 + 2$