

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $4 \times (7 \times 10 + 8^2) - 5$

6) $(13 + 21 - 6) \div 14 + 2^2$

2) $(15 + 57 - 6^2) \div (12 - 3)$

7) $(17 + 7) \times (10 + 4) - 4^2$

3) $7 \times (13 \times 4 - 2^2) - 6$

8) $(3 + 5)^2 + (13 - 16 \div 8)$

4) $(9 + 41 - 2) \div 24 - 4^2$

9) $(15 + 81 - 6^2) \div (2 + 2)$

5) $(4 + 4)^2 + (13 - 8 \div 2)$

10) $(13 + 6) \times (10 + 3) - 6^2$



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Order of Operations

$$\begin{aligned}
 1) \quad & 4 \times (7 \times 10 + 8^2) - 5 \\
 & 4 \times (7 \times 10 + 64) - 5 \\
 & 4 \times (70 + 64) - 5 \\
 & 4 \times 134 - 5 \\
 & 536 - 5 \\
 & 531
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & (15 + 57 - 6^2) \div (12 - 3) \\
 & (15 + 57 - 36) \div (12 - 3) \\
 & (72 - 36) \div 9 \\
 & 36 \div 9 \\
 & 4
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 7 \times (13 \times 4 - 2^2) - 6 \\
 & 7 \times (13 \times 4 - 4) - 6 \\
 & 7 \times (52 - 4) - 6 \\
 & 7 \times 48 - 6 \\
 & 336 - 6 \\
 & 330
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & (9 + 41 - 2) \div 24 - 4^2 \\
 & (9 + 41 - 2) \div 24 - 16 \\
 & (50 - 2) \div 24 - 16 \\
 & 48 \div 24 - 16 \\
 & 2 - 16 \\
 & -14
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & (4 + 4)^2 + (13 - 8 \div 2) \\
 & (8)^2 + (13 - 4) \\
 & 64 + 9 \\
 & 73
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (13 + 21 - 6) \div 14 + 2^2 \\
 & (13 + 21 - 6) \div 14 + 4 \\
 & (34 - 6) \div 14 + 4 \\
 & 28 \div 14 + 4 \\
 & 2 + 4 \\
 & 6
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & (17 + 7) \times (10 + 4) - 4^2 \\
 & (17 + 7) \times (10 + 4) - 16 \\
 & 24 \times 14 - 16 \\
 & 336 - 16 \\
 & 320
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & (3 + 5)^2 + (13 - 16 \div 8) \\
 & (8)^2 + (13 - 2) \\
 & 64 + 11 \\
 & 75
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & (15 + 81 - 6^2) \div (2 + 2) \\
 & (15 + 81 - 36) \div (2 + 2) \\
 & (96 - 36) \div 4 \\
 & 60 \div 4 \\
 & 15
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & (13 + 6) \times (10 + 3) - 6^2 \\
 & (13 + 6) \times (10 + 3) - 36 \\
 & 19 \times 13 - 36 \\
 & 247 - 36 \\
 & 211
 \end{aligned}$$

