

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(30 - 6) - 8 + 6^2$

6) $2 \times (11 - 5) - 5^2$

2) $(9 \times 3 + 4^2) - 6$

7) $(2 + 2)^2 + (10 - 2)$

3) $(14 - 5)^2 + (18 - 6)$

8) $(28 - 2^2) - (6 + 6)$

4) $(56 - 6) - 5 - 4^2$

9) $5 \times (12 + 3) + 8^2$

5) $(4 \times 9 + 8^2) - 4$

10) $(68 - 6^2) - (12 + 4)$



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Order of Operations

$$\begin{aligned}
 1) \quad & (30 - 6) - 8 + 6^2 \\
 & 24 - 8 + 6^2 \\
 & 24 - 8 + 36 \\
 & 16 + 36 \\
 & 52
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & 2 \times (11 - 5) - 5^2 \\
 & 2 \times 6 - 5^2 \\
 & 2 \times 6 - 25 \\
 & 12 - 25 \\
 & -13
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & (9 \times 3 + 4^2) - 6 \\
 & (9 \times 3 + 16) - 6 \\
 & (27 + 16) - 6 \\
 & 43 - 6 \\
 & 37
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & (2 + 2)^2 + (10 - 2) \\
 & 4^2 + 8 \\
 & 16 + 8 \\
 & 24
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & (14 - 5)^2 + (18 - 6) \\
 & 9^2 + 12 \\
 & 81 + 12 \\
 & 93
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & (28 - 2^2) - (6 + 6) \\
 & (28 - 4) - (6 + 6) \\
 & 24 - 12 \\
 & 12
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & (56 - 6) - 5 - 4^2 \\
 & 50 - 5 - 4^2 \\
 & 50 - 5 - 16 \\
 & 45 - 16 \\
 & 29
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 5 \times (12 + 3) + 8^2 \\
 & 5 \times 15 + 8^2 \\
 & 5 \times 15 + 64 \\
 & 75 + 64 \\
 & 139
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & (4 \times 9 + 8^2) - 4 \\
 & (4 \times 9 + 64) - 4 \\
 & (36 + 64) - 4 \\
 & 100 - 4 \\
 & 96
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & (68 - 6^2) - (12 + 4) \\
 & (68 - 36) - (12 + 4) \\
 & 32 - 16 \\
 & 16
 \end{aligned}$$

