

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $16 + ((14 - 4) + 4^2)$

6) $(3^2 + (12 \div 2 + 3^2))$

2) $((6 + 6)^2 + 3) + 2^2$

7) $9 + (4 \times (11 - 3)^2)$

3) $8 + (2 \times (11 - 6)^2)$

8) $((13 - 5) - (12 \div 6))^2$

4) $(7^2 + (10 \div 5 + 4^2))$

9) $((4 + 4)^2 \times 5) - 3^2$

5) $16 + ((12 + 7) \times 2^2)$

10) $((9 + 3) + (20 \div 5))^2$



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$$\begin{aligned}
 1) \quad & 16 + ((14 - 4) + 4^2) \\
 & 16 + (10 + 4^2) \\
 & 16 + (10 + 16) \\
 & 16 + 26 \\
 & 42
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (3^2 + (12 \div 2 + 3^2)) \\
 & (3^2 + (12 \div 2 + 9)) \\
 & (3^2 + (6 + 9)) \\
 & (3^2 + 15) \\
 & (9 + 15) \\
 & 24
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & ((6 + 6)^2 + 3) + 2^2 \\
 & (12^2 + 3) + 2^2 \\
 & (144 + 3) + 2^2 \\
 & 147 + 2^2 \\
 & 147 + 4 \\
 & 151
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & 9 + (4 \times (11 - 3)^2) \\
 & 9 + (4 \times 8^2) \\
 & 9 + (4 \times 64) \\
 & 9 + 256 \\
 & 265
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 8 + (2 \times (11 - 6)^2) \\
 & 8 + (2 \times 5^2) \\
 & 8 + (2 \times 25) \\
 & 8 + 50 \\
 & 58
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & ((13 - 5) - (12 \div 6)^2) \\
 & (8 - (2)^2) \\
 & (8 - 4) \\
 & 4
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & (7^2 + (10 \div 5 + 4^2)) \\
 & (7^2 + (10 \div 5 + 16)) \\
 & (7^2 + (2 + 16)) \\
 & (7^2 + 18) \\
 & (49 + 18) \\
 & 67
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & ((4 + 4)^2 \times 5) - 3^2 \\
 & (8^2 \times 5) - 3^2 \\
 & (64 \times 5) - 3^2 \\
 & 320 - 3^2 \\
 & 320 - 9 \\
 & 311
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 16 + ((12 + 7) \times 2^2) \\
 & 16 + (19 \times 2^2) \\
 & 16 + (19 \times 4) \\
 & 16 + 76 \\
 & 92
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & ((9 + 3) + (20 \div 5)^2) \\
 & (12 + (4)^2) \\
 & (12 + 16) \\
 & 28
 \end{aligned}$$

