

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Order of Operations

1 )  $15 + (9 + (3 + 3)^2)$

6 )  $(3^2 + (8 \div 4 + 2^2))$

2 )  $((12 + 7) - (16 \div 8)^2)$

7 )  $((11 - 6)^2 \times 5) - 2^2$

3 )  $(5^2 + (14 \div 2 + 4^2))$

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

4 )  $8 + ((17 + 4) + 3^2)$

9 )  $18 + ((13 + 2) + 2^2)$

5 )  $4 + (6 + (10 - 6)^2)$

10 )  $((14 + 4) + (15 \div 3)^2)$



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## Order of Operations

$$\begin{aligned}
 1) \quad & 15 + (9 + (3 + 3)^2) \\
 & 15 + (9 + 6^2) \\
 & 15 + (9 + 36) \\
 & 15 + 45 \\
 & 60
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & ((12 + 7) - (16 \div 8)^2) \\
 & (19 - (2)^2) \\
 & (19 - 4) \\
 & 15
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & (5^2 + (14 \div 2 + 4^2)) \\
 & (5^2 + (14 \div 2 + 16)) \\
 & (5^2 + (7 + 16)) \\
 & (5^2 + 23) \\
 & (25 + 23) \\
 & 48
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 8 + ((17 + 4) + 3^2) \\
 & 8 + (21 + 3^2) \\
 & 8 + (21 + 9) \\
 & 8 + 30 \\
 & 38
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 4 + (6 + (10 - 6)^2) \\
 & 4 + (6 + 4^2) \\
 & 4 + (6 + 16) \\
 & 4 + 22 \\
 & 26
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & (3^2 + (8 \div 4 + 2^2)) \\
 & (3^2 + (8 \div 4 + 4)) \\
 & (3^2 + (2 + 4)) \\
 & (3^2 + 6) \\
 & (9 + 6) \\
 & 15
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & ((11 - 6)^2 \times 5) - 2^2 \\
 & (5^2 \times 5) - 2^2 \\
 & (25 \times 5) - 2^2 \\
 & 125 - 2^2 \\
 & 125 - 4 \\
 & 121
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & ((9 - 5)^2 \times 5) + 8^2 \\
 & (4^2 \times 5) + 8^2 \\
 & (16 \times 5) + 8^2 \\
 & 80 + 8^2 \\
 & 80 + 64 \\
 & 144
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & 18 + ((13 + 2) + 2^2) \\
 & 18 + (15 + 2^2) \\
 & 18 + (15 + 4) \\
 & 18 + 19 \\
 & 37
 \end{aligned}$$

$$\begin{aligned}
 10) \quad & ((14 + 4) + (15 \div 3)^2) \\
 & (18 + (5)^2) \\
 & (18 + 25) \\
 & 43
 \end{aligned}$$

