

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

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

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

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

## Order of Operations

1 )  $(5^2 + (20 \div 5 + 4^2))$

6 )  $((10 - 6)^2 + 6) + 3^2$

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

7 )  $((13 + 3) + (10 \div 2))^2$

3 )  $((18 + 2) - (8 \div 4))^2$

8 )  $(6^2 + (12 \div 2 + 5^2))$

4 )  $24 + ((15 + 3) + 5^2)$

9 )  $7 + (9 + (11 - 3))^2$

5 )  $3 + (7 \times (3 + 6)^2)$

10 )  $24 + ((13 - 2) \times 5^2)$



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## Order of Operations

$$\begin{aligned}
 1) & (5^2 + (20 \div 5 + 4^2)) \\
 & (5^2 + (20 \div 5 + 16)) \\
 & (5^2 + (4 + 16)) \\
 & (5^2 + 20) \\
 & (25 + 20) \\
 & \quad 45
 \end{aligned}$$

$$\begin{aligned}
 2) & ((9 - 6)^2 \times 6) + 3^2 \\
 & (3^2 \times 6) + 3^2 \\
 & (9 \times 6) + 3^2 \\
 & \quad 54 + 3^2 \\
 & \quad 54 + 9 \\
 & \quad \quad 63
 \end{aligned}$$

$$\begin{aligned}
 3) & ((18 + 2) - (8 \div 4)^2) \\
 & (20 - (2)^2) \\
 & (20 - 4) \\
 & \quad 16
 \end{aligned}$$

$$\begin{aligned}
 4) & 24 + ((15 + 3) + 5^2) \\
 & 24 + (18 + 5^2) \\
 & 24 + (18 + 25) \\
 & 24 + 43 \\
 & \quad 67
 \end{aligned}$$

$$\begin{aligned}
 5) & 3 + (7 \times (3 + 6)^2) \\
 & 3 + (7 \times 9^2) \\
 & 3 + (7 \times 81) \\
 & 3 + 567 \\
 & \quad 570
 \end{aligned}$$

$$\begin{aligned}
 6) & ((10 - 6)^2 + 6) + 3^2 \\
 & (4^2 + 6) + 3^2 \\
 & (16 + 6) + 3^2 \\
 & \quad 22 + 3^2 \\
 & \quad 22 + 9 \\
 & \quad \quad 31
 \end{aligned}$$

$$\begin{aligned}
 7) & ((13 + 3) + (10 \div 2)^2) \\
 & (16 + (5)^2) \\
 & (16 + 25) \\
 & \quad 41
 \end{aligned}$$

$$\begin{aligned}
 8) & (6^2 + (12 \div 2 + 5^2)) \\
 & (6^2 + (12 \div 2 + 25)) \\
 & (6^2 + (6 + 25)) \\
 & (6^2 + 31) \\
 & (36 + 31) \\
 & \quad 67
 \end{aligned}$$

$$\begin{aligned}
 9) & 7 + (9 + (11 - 3)^2) \\
 & 7 + (9 + 8^2) \\
 & 7 + (9 + 64) \\
 & 7 + 73 \\
 & \quad 80
 \end{aligned}$$

$$\begin{aligned}
 10) & 24 + ((13 - 2) \times 5^2) \\
 & 24 + (11 \times 5^2) \\
 & 24 + (11 \times 25) \\
 & 24 + 275 \\
 & \quad 299
 \end{aligned}$$

