

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

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

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

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

## Order of Operations

1 )  $(4^2 + (18 \div 3 + 4^2)) + 5^2$

6 )  $((16 + 3) - (18 \div 2)^2) + 3^2$

2 )  $(16 \div 4)^2 + ((9 + 5) \times 4^2)$

7 )  $((9 - 5)^2 + 2) + 8 + 7^2$

3 )  $((10 + 3) + (16 \div 8)^2) + 6^2$

8 )  $18 + (2 \times (9 - 6)^2) + 5$

4 )  $13 + (6 + (4 + 6)^2) - 6$

9 )  $(10 \div 2)^2 + ((18 - 7) + 4^2)$

5 )  $((3 + 2)^2 + 5) + 6 - 4^2$

10 )  $(3^2 + (18 \div 9 + 3^2)) - 2^2$



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## Order of Operations

$$\begin{aligned}
 1) & (4^2 + (18 \div 3 + 4^2)) + 5^2 \\
 & (4^2 + (18 \div 3 + 16)) + 5^2 \\
 & (4^2 + (6 + 16)) + 5^2 \\
 & (16 + 22) + 25 \\
 & 38 + 25 \\
 & 63
 \end{aligned}$$

$$\begin{aligned}
 6) & ((16 + 3) - (18 \div 2)^2) + 3^2 \\
 & (19 - (9)^2) + 3^2 \\
 & (19 - 81) + 3^2 \\
 & -62 + 3^2 \\
 & -62 + 9 \\
 & -53
 \end{aligned}$$

$$\begin{aligned}
 2) & (16 \div 4)^2 + ((9 + 5) \times 4^2) \\
 & (4)^2 + (14 \times 4^2) \\
 & 16 + (14 \times 16) \\
 & 16 + 224 \\
 & 240
 \end{aligned}$$

$$\begin{aligned}
 7) & ((9 - 5)^2 + 2) + 8 + 7^2 \\
 & (4^2 + 2) + 8 + 49 \\
 & (16 + 2) + 8 + 49 \\
 & 18 + 8 + 49 \\
 & 75
 \end{aligned}$$

$$\begin{aligned}
 3) & ((10 + 3) + (16 \div 8)^2) + 6^2 \\
 & (13 + (2)^2) + 6^2 \\
 & (13 + 4) + 6^2 \\
 & 17 + 6^2 \\
 & 17 + 36 \\
 & 53
 \end{aligned}$$

$$\begin{aligned}
 8) & 18 + (2 \times (9 - 6)^2) + 5 \\
 & 18 + (2 \times 3^2) + 5 \\
 & 18 + (2 \times 9) + 5 \\
 & 18 + 18 + 5 \\
 & 41
 \end{aligned}$$

$$\begin{aligned}
 4) & 13 + (6 + (4 + 6)^2) - 6 \\
 & 13 + (6 + 10^2) - 6 \\
 & 13 + (6 + 100) - 6 \\
 & 13 + 106 - 6 \\
 & 113
 \end{aligned}$$

$$\begin{aligned}
 9) & (10 \div 2)^2 + ((18 - 7) + 4^2) \\
 & (5)^2 + (11 + 4^2) \\
 & 25 + (11 + 16) \\
 & 25 + 27 \\
 & 52
 \end{aligned}$$

$$\begin{aligned}
 5) & ((3 + 2)^2 + 5) + 6 - 4^2 \\
 & (5^2 + 5) + 6 - 16 \\
 & (25 + 5) + 6 - 16 \\
 & 30 + 6 - 16 \\
 & 20
 \end{aligned}$$

$$\begin{aligned}
 10) & (3^2 + (18 \div 9 + 3^2)) - 2^2 \\
 & (3^2 + (18 \div 9 + 9)) - 2^2 \\
 & (3^2 + (2 + 9)) - 2^2 \\
 & (9 + 11) - 4 \\
 & 20 - 4 \\
 & 16
 \end{aligned}$$

