

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $19 + (6 \times (6 + 2)^2)$

6) $((4 + 5)^2 + 7) + 7^2$

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

7) $((14 + 5) - (18 \div 3))^2$

3) $8 + ((15 + 3) \times 2^2)$

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

4) $16 + ((10 + 4) + 3^2)$

9) $((10 - 4) - (8 \div 4))^2$

5) $9 + (10 + (9 - 3)^2)$

10) $(5^2 + (12 \div 2 + 5^2))$



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

$$\begin{aligned}
 1) \quad & 19 + (6 \times (6 + 2)^2) \\
 & 19 + (6 \times 8^2) \\
 & 19 + (6 \times 64) \\
 & 19 + 384 \\
 & \quad 403
 \end{aligned}$$

$$\begin{aligned}
 2) \quad & (6^2 + (8 \div 4 + 3^2)) \\
 & (6^2 + (8 \div 4 + 9)) \\
 & (6^2 + (2 + 9)) \\
 & (6^2 + 11) \\
 & (36 + 11) \\
 & \quad 47
 \end{aligned}$$

$$\begin{aligned}
 3) \quad & 8 + ((15 + 3) \times 2^2) \\
 & 8 + (18 \times 2^2) \\
 & 8 + (18 \times 4) \\
 & 8 + 72 \\
 & \quad 80
 \end{aligned}$$

$$\begin{aligned}
 4) \quad & 16 + ((10 + 4) + 3^2) \\
 & 16 + (14 + 3^2) \\
 & 16 + (14 + 9) \\
 & 16 + 23 \\
 & \quad 39
 \end{aligned}$$

$$\begin{aligned}
 5) \quad & 9 + (10 + (9 - 3)^2) \\
 & 9 + (10 + 6^2) \\
 & 9 + (10 + 36) \\
 & 9 + 46 \\
 & \quad 55
 \end{aligned}$$

$$\begin{aligned}
 6) \quad & ((4 + 5)^2 + 7) + 7^2 \\
 & (9^2 + 7) + 7^2 \\
 & (81 + 7) + 7^2 \\
 & \quad 88 + 7^2 \\
 & \quad 88 + 49 \\
 & \quad 137
 \end{aligned}$$

$$\begin{aligned}
 7) \quad & ((14 + 5) - (18 \div 3))^2 \\
 & (19 - (6))^2 \\
 & (19 - 36) \\
 & \quad -17
 \end{aligned}$$

$$\begin{aligned}
 8) \quad & ((11 - 2)^2 + 6) - 3^2 \\
 & (9^2 + 6) - 3^2 \\
 & (81 + 6) - 3^2 \\
 & \quad 87 - 3^2 \\
 & \quad 87 - 9 \\
 & \quad 78
 \end{aligned}$$

$$\begin{aligned}
 9) \quad & ((10 - 4) - (8 \div 4))^2 \\
 & (6 - (2))^2 \\
 & (6 - 4) \\
 & \quad 2
 \end{aligned}$$

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

