

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(11 - 4) \times (11 - 3) + 4^2$

6) $9 \times (3 \times 2 + 2^2) - 7$

2) $(14 + 22 - 6) \div 5 + 3^2$

7) $(8 + 5)^2 + (7 + 12 \div 2)$

3) $(10 + 3)^2 + (5 - 12 \div 3)$

8) $(13 + 40 - 5^2) \div (16 - 2)$

4) $(14 + 35 - 3^2) \div (15 - 5)$

9) $(16 - 2) \times (11 + 4) - 6^2$

5) $5 \times (5 \times 10 - 9^2) - 2$

10) $(11 + 30 - 5) \div 3 - 5^2$



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

$$\begin{aligned}
 1) & (11 - 4) \times (11 - 3) + 4^2 \\
 & (11 - 4) \times (11 - 3) + 16 \\
 & \quad 7 \quad \times \quad 8 \quad + 16 \\
 & \quad \quad 56 \quad + 16 \\
 & \quad \quad \quad 72
 \end{aligned}$$

$$\begin{aligned}
 6) & 9 \times (3 \times 2 + 2^2) - 7 \\
 & 9 \times (3 \times 2 + 4) - 7 \\
 & 9 \times (6 + 4) - 7 \\
 & 9 \times 10 - 7 \\
 & \quad 90 - 7 \\
 & \quad \quad 83
 \end{aligned}$$

$$\begin{aligned}
 2) & (14 + 22 - 6) \div 5 + 3^2 \\
 & (14 + 22 - 6) \div 5 + 9 \\
 & (36 - 6) \div 5 + 9 \\
 & \quad 30 \div 5 + 9 \\
 & \quad \quad 6 + 9 \\
 & \quad \quad \quad 15
 \end{aligned}$$

$$\begin{aligned}
 7) & (8 + 5)^2 + (7 + 12 \div 2) \\
 & (13)^2 + (7 + 6) \\
 & \quad 169 + 13 \\
 & \quad \quad 182
 \end{aligned}$$

$$\begin{aligned}
 3) & (10 + 3)^2 + (5 - 12 \div 3) \\
 & (13)^2 + (5 - 4) \\
 & \quad 169 + 1 \\
 & \quad \quad 170
 \end{aligned}$$

$$\begin{aligned}
 8) & (13 + 40 - 5^2) \div (16 - 2) \\
 & (13 + 40 - 25) \div (16 - 2) \\
 & (53 - 25) \div 14 \\
 & \quad 28 \div 14 \\
 & \quad \quad 2
 \end{aligned}$$

$$\begin{aligned}
 4) & (14 + 35 - 3^2) \div (15 - 5) \\
 & (14 + 35 - 9) \div (15 - 5) \\
 & (49 - 9) \div 10 \\
 & \quad 40 \div 10 \\
 & \quad \quad 4
 \end{aligned}$$

$$\begin{aligned}
 9) & (16 - 2) \times (11 + 4) - 6^2 \\
 & (16 - 2) \times (11 + 4) - 36 \\
 & \quad 14 \times 15 - 36 \\
 & \quad \quad 210 - 36 \\
 & \quad \quad \quad 174
 \end{aligned}$$

$$\begin{aligned}
 5) & 5 \times (5 \times 10 - 9^2) - 2 \\
 & 5 \times (5 \times 10 - 81) - 2 \\
 & 5 \times (50 - 81) - 2 \\
 & 5 \times -31 - 2 \\
 & \quad -155 - 2 \\
 & \quad \quad -157
 \end{aligned}$$

$$\begin{aligned}
 10) & (11 + 30 - 5) \div 3 - 5^2 \\
 & (11 + 30 - 5) \div 3 - 25 \\
 & (41 - 5) \div 3 - 25 \\
 & \quad 36 \div 3 - 25 \\
 & \quad \quad 12 - 25 \\
 & \quad \quad \quad -13
 \end{aligned}$$

