

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

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

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

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

## Order of Operations

1 )  $(7^2 + (10 \div 2 + 5^2)) + 4^2$

6 )  $(5^2 + (14 \div 7 + 4^2)) + 5^2$

2 )  $((14 + 5) - (14 \div 7)^2) \times 6^2$

7 )  $((9 - 5)^2 \times 3) + 5 + 7^2$

3 )  $((9 - 6)^2 + 4) - 3 + 4^2$

8 )  $8 + (5 \times (11 - 3)^2) + 3$

4 )  $(12 \div 3)^2 + ((18 + 7) \times 4^2)$

9 )  $(14 \div 7)^2 + ((15 + 4) \times 6^2)$

5 )  $((14 + 3) + (15 \div 3)^2) \times 6^2$

10 )  $14 + (6 + (4 + 5)^2) - 2$



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

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

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

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

## Order of Operations

$$\begin{aligned}
 1) & (7^2 + (10 \div 2 + 5^2)) + 4^2 \\
 & (7^2 + (10 \div 2 + 25)) + 4^2 \\
 & (7^2 + (5 + 25)) + 4^2 \\
 & (49 + 30) + 16 \\
 & 79 + 16 \\
 & 95
 \end{aligned}$$

$$\begin{aligned}
 6) & (5^2 + (14 \div 7 + 4^2)) + 5^2 \\
 & (5^2 + (14 \div 7 + 16)) + 5^2 \\
 & (5^2 + (2 + 16)) + 5^2 \\
 & (25 + 18) + 25 \\
 & 43 + 25 \\
 & 68
 \end{aligned}$$

$$\begin{aligned}
 2) & ((14 + 5) - (14 \div 7)^2) \times 6^2 \\
 & (19 - (2)^2) \times 6^2 \\
 & (19 - 4) \times 6^2 \\
 & 15 \times 6^2 \\
 & 15 \times 36 \\
 & 540
 \end{aligned}$$

$$\begin{aligned}
 7) & ((9 - 5)^2 \times 3) + 5 + 7^2 \\
 & (4^2 \times 3) + 5 + 49 \\
 & (16 \times 3) + 5 + 49 \\
 & 48 + 5 + 49 \\
 & 102
 \end{aligned}$$

$$\begin{aligned}
 3) & ((9 - 6)^2 + 4) - 3 + 4^2 \\
 & (3^2 + 4) - 3 + 16 \\
 & (9 + 4) - 3 + 16 \\
 & 13 - 3 + 16 \\
 & 26
 \end{aligned}$$

$$\begin{aligned}
 8) & 8 + (5 \times (11 - 3)^2) + 3 \\
 & 8 + (5 \times 8^2) + 3 \\
 & 8 + (5 \times 64) + 3 \\
 & 8 + 320 + 3 \\
 & 331
 \end{aligned}$$

$$\begin{aligned}
 4) & (12 \div 3)^2 + ((18 + 7) \times 4^2) \\
 & (4)^2 + (25 \times 4^2) \\
 & 16 + (25 \times 16) \\
 & 16 + 400 \\
 & 416
 \end{aligned}$$

$$\begin{aligned}
 9) & (14 \div 7)^2 + ((15 + 4) \times 6^2) \\
 & (2)^2 + (19 \times 6^2) \\
 & 4 + (19 \times 36) \\
 & 4 + 684 \\
 & 688
 \end{aligned}$$

$$\begin{aligned}
 5) & ((14 + 3) + (15 \div 3)^2) \times 6^2 \\
 & (17 + (5)^2) \times 6^2 \\
 & (17 + 25) \times 6^2 \\
 & 42 \times 6^2 \\
 & 42 \times 36 \\
 & 1512
 \end{aligned}$$

$$\begin{aligned}
 10) & 14 + (6 + (4 + 5)^2) - 2 \\
 & 14 + (6 + 9^2) - 2 \\
 & 14 + (6 + 81) - 2 \\
 & 14 + 87 - 2 \\
 & 99
 \end{aligned}$$

