

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(14 \div 2)^2 + ((14 + 5) \times 3^2)$

6) $((11 - 3)^2 \times 5) - 11 + 4^2$

2) $(6^2 + (15 \div 3 + 3^2)) - 2^2$

7) $((15 - 7) + (10 \div 2)^2) + 5^2$

3) $(14 \div 2)^2 + ((16 - 4) + 2^2)$

8) $14 + (5 \times (10 - 2)^2) - 6$

4) $((14 - 2) + (18 \div 6)^2) + 5^2$

9) $(7^2 + (16 \div 2 + 2^2)) + 4^2$

5) $2 + (2 + (5 + 2)^2) - 2$

10) $((11 - 3)^2 \times 2) - 7 + 8^2$



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

$$\begin{aligned}
 1) & (14 \div 2)^2 + ((14 + 5) \times 3^2) \\
 & (7)^2 + (19 \times 3^2) \\
 & 49 + (19 \times 9) \\
 & 49 + 171 \\
 & 220
 \end{aligned}$$

$$\begin{aligned}
 6) & ((11 - 3)^2 \times 5) - 11 + 4^2 \\
 & (8^2 \times 5) - 11 + 16 \\
 & (64 \times 5) - 11 + 16 \\
 & 320 - 11 + 16 \\
 & 325
 \end{aligned}$$

$$\begin{aligned}
 2) & (6^2 + (15 \div 3 + 3^2)) - 2^2 \\
 & (6^2 + (15 \div 3 + 9)) - 2^2 \\
 & (6^2 + (5 + 9)) - 2^2 \\
 & (36 + 14) - 4 \\
 & 50 - 4 \\
 & 46
 \end{aligned}$$

$$\begin{aligned}
 7) & ((15 - 7) + (10 \div 2)^2) + 5^2 \\
 & (8 + (5)^2) + 5^2 \\
 & (8 + 25) + 5^2 \\
 & 33 + 5^2 \\
 & 33 + 25 \\
 & 58
 \end{aligned}$$

$$\begin{aligned}
 3) & (14 \div 2)^2 + ((16 - 4) + 2^2) \\
 & (7)^2 + (12 + 2^2) \\
 & 49 + (12 + 4) \\
 & 49 + 16 \\
 & 65
 \end{aligned}$$

$$\begin{aligned}
 8) & 14 + (5 \times (10 - 2)^2) - 6 \\
 & 14 + (5 \times 8^2) - 6 \\
 & 14 + (5 \times 64) - 6 \\
 & 14 + 320 - 6 \\
 & 328
 \end{aligned}$$

$$\begin{aligned}
 4) & ((14 - 2) + (18 \div 6)^2) + 5^2 \\
 & (12 + (3)^2) + 5^2 \\
 & (12 + 9) + 5^2 \\
 & 21 + 5^2 \\
 & 21 + 25 \\
 & 46
 \end{aligned}$$

$$\begin{aligned}
 9) & (7^2 + (16 \div 2 + 2^2)) + 4^2 \\
 & (7^2 + (16 \div 2 + 4)) + 4^2 \\
 & (7^2 + (8 + 4)) + 4^2 \\
 & (49 + 12) + 16 \\
 & 61 + 16 \\
 & 77
 \end{aligned}$$

$$\begin{aligned}
 5) & 2 + (2 + (5 + 2)^2) - 2 \\
 & 2 + (2 + 7^2) - 2 \\
 & 2 + (2 + 49) - 2 \\
 & 2 + 51 - 2 \\
 & 51
 \end{aligned}$$

$$\begin{aligned}
 10) & ((11 - 3)^2 \times 2) - 7 + 8^2 \\
 & (8^2 \times 2) - 7 + 64 \\
 & (64 \times 2) - 7 + 64 \\
 & 128 - 7 + 64 \\
 & 185
 \end{aligned}$$

