

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(66 - 4^2) \div (4 - 2)$

6) $(27 - 3) \div 8 + 7^2$

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

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

3) $(10 \times 5 - 7^2) + 7$

8) $6 \times (12 - 5) - 3^2$

4) $(5 \times 8 - 9^2) + 2$

9) $(40 - 2^2) \div (10 - 6)$

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

10) $(54 - 6) \div 6 - 5^2$



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Order of Operations

$$\begin{aligned}
 1) & (66 - 4^2) \div (4 - 2) \\
 & (66 - 16) \div (4 - 2) \\
 & 50 \quad \div \quad 2 \\
 & \quad \quad \quad 25
 \end{aligned}$$

$$\begin{aligned}
 6) & (27 - 3) \div 8 + 7^2 \\
 & 24 \quad \div 8 + 7^2 \\
 & 24 \quad \div 8 + 49 \\
 & \quad \quad 3 + 49 \\
 & \quad \quad \quad 52
 \end{aligned}$$

$$\begin{aligned}
 2) & (5 + 5)^2 + (12 \div 3) \\
 & 10^2 \quad + \quad 4 \\
 & 100 \quad + \quad 4 \\
 & \quad \quad \quad 104
 \end{aligned}$$

$$\begin{aligned}
 7) & 7 \times (9 - 5) + 7^2 \\
 & 7 \times 4 \quad + 7^2 \\
 & 7 \times 4 \quad + 49 \\
 & 28 \quad \quad + 49 \\
 & \quad \quad \quad 77
 \end{aligned}$$

$$\begin{aligned}
 3) & (10 \times 5 - 7^2) + 7 \\
 & (10 \times 5 - 49) + 7 \\
 & (50 - 49) + 7 \\
 & 1 \quad \quad + 7 \\
 & \quad \quad \quad 8
 \end{aligned}$$

$$\begin{aligned}
 8) & 6 \times (12 - 5) - 3^2 \\
 & 6 \times 7 \quad - 3^2 \\
 & 6 \times 7 \quad - 9 \\
 & 42 \quad \quad - 9 \\
 & \quad \quad \quad 33
 \end{aligned}$$

$$\begin{aligned}
 4) & (5 \times 8 - 9^2) + 2 \\
 & (5 \times 8 - 81) + 2 \\
 & (40 - 81) + 2 \\
 & -41 \quad + 2 \\
 & \quad \quad \quad -39
 \end{aligned}$$

$$\begin{aligned}
 9) & (40 - 2^2) \div (10 - 6) \\
 & (40 - 4) \div (10 - 6) \\
 & 36 \quad \div \quad 4 \\
 & \quad \quad \quad 9
 \end{aligned}$$

$$\begin{aligned}
 5) & (5 + 2)^2 + (18 \div 3) \\
 & 7^2 \quad + \quad 6 \\
 & 49 \quad + \quad 6 \\
 & \quad \quad \quad 55
 \end{aligned}$$

$$\begin{aligned}
 10) & (54 - 6) \div 6 - 5^2 \\
 & 48 \quad \div 6 - 5^2 \\
 & 48 \quad \div 6 - 25 \\
 & \quad \quad 8 - 25 \\
 & \quad \quad \quad -17
 \end{aligned}$$

