

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

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

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

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

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## Order of Operations

1 )  $(10 + 42 - 2^2) \div (3 + 3)$

6 )  $(8 + 21 - 5) \div 12 + 7^2$

2 )  $2 \times (7 \times 3 + 6^2) - 5$

7 )  $(12 + 43 - 5^2) \div (11 + 4)$

3 )  $(11 - 3)^2 + (14 - 14 \div 2)$

8 )  $(20 + 4) \times (8 - 5) - 3^2$

4 )  $(20 - 4) \times (14 - 5) + 6^2$

9 )  $(8 - 4)^2 + (16 - 16 \div 2)$

5 )  $(11 + 22 - 5) \div 14 - 3^2$

10 )  $4 \times (10 \times 3 + 5^2) - 2$



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## Order of Operations

$$\begin{aligned}
 1) & (10 + 42 - 2^2) \div (3 + 3) \\
 & (10 + 42 - 4) \div (3 + 3) \\
 & (52 - 4) \div 6 \\
 & 48 \div 6 \\
 & 8
 \end{aligned}$$

$$\begin{aligned}
 2) & 2 \times (7 \times 3 + 6^2) - 5 \\
 & 2 \times (7 \times 3 + 36) - 5 \\
 & 2 \times (21 + 36) - 5 \\
 & 2 \times 57 - 5 \\
 & 114 - 5 \\
 & 109
 \end{aligned}$$

$$\begin{aligned}
 3) & (11 - 3)^2 + (14 - 14 \div 2) \\
 & (8)^2 + (14 - 7) \\
 & 64 + 7 \\
 & 71
 \end{aligned}$$

$$\begin{aligned}
 4) & (20 - 4) \times (14 - 5) + 6^2 \\
 & (20 - 4) \times (14 - 5) + 36 \\
 & 16 \times 9 + 36 \\
 & 144 + 36 \\
 & 180
 \end{aligned}$$

$$\begin{aligned}
 5) & (11 + 22 - 5) \div 14 - 3^2 \\
 & (11 + 22 - 5) \div 14 - 9 \\
 & (33 - 5) \div 14 - 9 \\
 & 28 \div 14 - 9 \\
 & 2 - 9 \\
 & -7
 \end{aligned}$$

$$\begin{aligned}
 6) & (8 + 21 - 5) \div 12 + 7^2 \\
 & (8 + 21 - 5) \div 12 + 49 \\
 & (29 - 5) \div 12 + 49 \\
 & 24 \div 12 + 49 \\
 & 2 + 49 \\
 & 51
 \end{aligned}$$

$$\begin{aligned}
 7) & (12 + 43 - 5^2) \div (11 + 4) \\
 & (12 + 43 - 25) \div (11 + 4) \\
 & (55 - 25) \div 15 \\
 & 30 \div 15 \\
 & 2
 \end{aligned}$$

$$\begin{aligned}
 8) & (20 + 4) \times (8 - 5) - 3^2 \\
 & (20 + 4) \times (8 - 5) - 9 \\
 & 24 \times 3 - 9 \\
 & 72 - 9 \\
 & 63
 \end{aligned}$$

$$\begin{aligned}
 9) & (8 - 4)^2 + (16 - 16 \div 2) \\
 & (4)^2 + (16 - 8) \\
 & 16 + 8 \\
 & 24
 \end{aligned}$$

$$\begin{aligned}
 10) & 4 \times (10 \times 3 + 5^2) - 2 \\
 & 4 \times (10 \times 3 + 25) - 2 \\
 & 4 \times (30 + 25) - 2 \\
 & 4 \times 55 - 2 \\
 & 220 - 2 \\
 & 218
 \end{aligned}$$

