

NAME _____

DATE _____

ORDER OF OPERATIONS: Worksheet 3

1) $(36 - 3) \div 11$

2) $30 - [(21 - 19) \times (5 + 3)]$

3) $27 \div 3 + 4^2 \times 3$

4) $\frac{28 \div 2}{5 + 2}$

5) $(26 - 6) \div 5$

6) $22 - 6 + 30 \div 6$

7) $45 - [(12 - 7) \times (3 + 2)]$

8) $8^2 + (8 \times 3)$

9) $\frac{50 \div 2}{10 \div 2}$

10) $(6 \times 6) + [(5 \times 3) \div (12 \div 4)]$

KEY

ORDER OF OPERATIONS: Worksheet 3

$$\begin{aligned} 1) \quad & (36-3) \div 11 \\ & 33 \div 11 \\ & 3 \end{aligned}$$

$$\begin{aligned} 2) \quad & 30 - [(21-19) \times (5+3)] \\ & 30 - [2 \times (5+3)] \\ & 30 - [2 \times 8] \\ & 30 - 16 \\ & 14 \end{aligned}$$

$$\begin{aligned} 3) \quad & 27 \div 3 + 4^2 \times 3 \\ & 27 \div 3 + 16 \times 3 \\ & 9 + 16 \times 3 \\ & 9 + 48 \\ & 57 \end{aligned}$$

$$\begin{aligned} 4) \quad & \frac{28 \div 2}{5+2} \\ & \frac{14}{7} \\ & 2 \end{aligned}$$

$$\begin{aligned} 5) \quad & (26-6) \div 5 \\ & 20 \div 5 \\ & 4 \end{aligned}$$

$$\begin{aligned} 6) \quad & 22 - 6 + 30 \div 6 \\ & 22 - 6 + 5 \\ & 16 + 5 \\ & 21 \end{aligned}$$

$$\begin{aligned} 7) \quad & 45 - [(12-7) \times (3+2)] \\ & 45 - [5 \times (3+2)] \\ & 45 - [5 \times 5] \\ & 45 - 25 \\ & 20 \end{aligned}$$

$$\begin{aligned} 8) \quad & 8^2 + (8 \times 3) \\ & 8^2 + 24 \\ & 64 + 24 \\ & 88 \end{aligned}$$

$$\begin{aligned} 9) \quad & \frac{50 \div 2}{10 \div 2} \\ & \frac{25}{5} \\ & 5 \end{aligned}$$

$$\begin{aligned} 10) \quad & (6 \times 6) + [(5 \times 3) \div (12 \div 4)] \\ & 36 + [(5 \times 3) \div (12 \div 4)] \\ & 36 + [15 \div (12 \div 4)] \\ & 36 + [15 \div 3] \\ & 36 + 5 \\ & 41 \end{aligned}$$