

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (4 \times 8) \div (2 + 9 - 3) \\ &= 32 \div (2 + 9 - 3) \\ &= 32 \div (11 - 3) \\ &= 32 \div 8 \\ &= 4 \end{aligned}$$

$$\begin{aligned} & (8 \div 4) \times (2 + 6 - 7) \\ &= 2 \times (2 + 6 - 7) \\ &= 2 \times (8 - 7) \\ &= 2 \times 1 \\ &= 2 \end{aligned}$$

$$\begin{aligned} & (4 + 8) \div 3 \times 9 - 6 \\ &= 12 \div 3 \times 9 - 6 \\ &= 4 \times 9 - 6 \\ &= 36 - 6 \\ &= 30 \end{aligned}$$

$$\begin{aligned} & 4 \div (9 - 7) \times 3 + 5 \\ &= 4 \div 2 \times 3 + 5 \\ &= 2 \times 3 + 5 \\ &= 6 + 5 \\ &= 11 \end{aligned}$$

$$\begin{aligned} & (10 - 4) \times (8 + 2) \div 5 \\ &= 6 \times (8 + 2) \div 5 \\ &= 6 \times 10 \div 5 \\ &= 60 \div 5 \\ &= 12 \end{aligned}$$

$$\begin{aligned} & (10 - 6) \div 4 \times 7 + 2 \\ &= 4 \div 4 \times 7 + 2 \\ &= 1 \times 7 + 2 \\ &= 7 + 2 \\ &= 9 \end{aligned}$$

$$\begin{aligned} & (3 \times 4 + 2 - 9) \div 5 \\ &= (12 + 2 - 9) \div 5 \\ &= (14 - 9) \div 5 \\ &= 5 \div 5 \\ &= 1 \end{aligned}$$

$$\begin{aligned} & (9 \div 3) \times 10 + 5 - 6 \\ &= 3 \times 10 + 5 - 6 \\ &= 30 + 5 - 6 \\ &= 35 - 6 \\ &= 29 \end{aligned}$$

$$\begin{aligned} & (3 \times 6) \div (5 - 4 + 8) \\ &= 18 \div (5 - 4 + 8) \\ &= 18 \div (1 + 8) \\ &= 18 \div 9 \\ &= 2 \end{aligned}$$

$$\begin{aligned} & (2 + 6 \times 5) \div (8 - 7) \\ &= (2 + 30) \div (8 - 7) \\ &= 32 \div (8 - 7) \\ &= 32 \div 1 \\ &= 32 \end{aligned}$$