

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$9 + 2 \times (8 - 6)$$

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

$$(10 - 2) \times 8 + 4$$

$$8 \times 10 + 5 - 6$$

$$(10 - 9 + 5) \times 2$$

$$7 - 2 + 9 \times 6$$

$$10 + 9 - 3 \times 4$$

$$(5 + 9 - 8) \times 10$$

$$(8 + 3) \times 2 - 7$$

$$7 \times (4 - 2 + 9)$$

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$$\begin{aligned}9 + 2 \times (8 - 6) \\&= 9 + \underline{2 \times 2} \\&= \underline{9 + 4} \\&= 13\end{aligned}$$

$$\begin{aligned}3 \times (5 - 4 + 10) \\&= 3 \times (\underline{1 + 10}) \\&= \underline{3 \times 11} \\&= 33\end{aligned}$$

$$\begin{aligned}(\underline{10 - 2}) \times 8 + 4 \\&= \underline{8 \times 8} + 4 \\&= \underline{64 + 4} \\&= 68\end{aligned}$$

$$\begin{aligned}\underline{8 \times 10} + 5 - 6 \\&= \underline{80 + 5} - 6 \\&= \underline{85 - 6} \\&= 79\end{aligned}$$

$$\begin{aligned}(\underline{10 - 9} + 5) \times 2 \\&= (\underline{1 + 5}) \times 2 \\&= \underline{6 \times 2} \\&= 12\end{aligned}$$

$$\begin{aligned}7 - 2 + \underline{9 \times 6} \\&= \underline{7 - 2} + 54 \\&= \underline{5 + 54} \\&= 59\end{aligned}$$

$$\begin{aligned}10 + 9 - \underline{3 \times 4} \\&= \underline{10 + 9} - 12 \\&= \underline{19 - 12} \\&= 7\end{aligned}$$

$$\begin{aligned}(\underline{5 + 9} - 8) \times 10 \\&= (\underline{14 - 8}) \times 10 \\&= \underline{6 \times 10} \\&= 60\end{aligned}$$

$$\begin{aligned}(\underline{8 + 3}) \times 2 - 7 \\&= \underline{11 \times 2} - 7 \\&= \underline{22 - 7} \\&= 15\end{aligned}$$

$$\begin{aligned}7 \times (\underline{4 - 2} + 9) \\&= 7 \times (\underline{2 + 9}) \\&= \underline{7 \times 11} \\&= 77\end{aligned}$$