

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$9 - 8 + 6 \times 5$$

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

$$7 \times (9 - 3 + 4)$$

$$9 \times 4 - 3 + 7$$

$$7 \div (2 \times 8 - 9)$$

$$8 \div 2 - 3 + 6$$

$$3 + 9 \times (6 - 5)$$

$$8 \times 9 - 7 + 6$$

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

$$10 + 9 \times (8 - 7)$$

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$$\begin{aligned}9 - 8 + \underline{6 \times 5} \\&= \underline{9 - 8} + 30 \\&= \underline{1 + 30} \\&= 31\end{aligned}$$

$$\begin{aligned}\underline{3 \times 8} - 2 + 7 \\&= \underline{24 - 2} + 7 \\&= \underline{22 + 7} \\&= 29\end{aligned}$$

$$\begin{aligned}7 \times (\underline{9 - 3} + 4) \\&= 7 \times (\underline{6 + 4}) \\&= \underline{7 \times 10} \\&= 70\end{aligned}$$

$$\begin{aligned}\underline{9 \times 4} - 3 + 7 \\&= \underline{36 - 3} + 7 \\&= \underline{33 + 7} \\&= 40\end{aligned}$$

$$\begin{aligned}7 \div (\underline{2 \times 8} - 9) \\&= 7 \div (\underline{16 - 9}) \\&= \underline{7 \div 7} \\&= 1\end{aligned}$$

$$\begin{aligned}\underline{8 \div 2} - 3 + 6 \\&= \underline{4 - 3} + 6 \\&= \underline{1 + 6} \\&= 7\end{aligned}$$

$$\begin{aligned}3 + 9 \times (\underline{6 - 5}) \\&= 3 + \underline{9 \times 1} \\&= \underline{3 + 9} \\&= 12\end{aligned}$$

$$\begin{aligned}\underline{8 \times 9} - 7 + 6 \\&= \underline{72 - 7} + 6 \\&= \underline{65 + 6} \\&= 71\end{aligned}$$

$$\begin{aligned}(\underline{7 - 3}) \times 2 + 5 \\&= \underline{4 \times 2} + 5 \\&= \underline{8 + 5} \\&= 13\end{aligned}$$

$$\begin{aligned}10 + 9 \times (\underline{8 - 7}) \\&= 10 + \underline{9 \times 1} \\&= \underline{10 + 9} \\&= 19\end{aligned}$$