

Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$8 + 2 \times 6 \times 5$$

$$6 + 7 \times 3 + 8$$

$$3 \times (4 + 2 \times 5)$$

$$7 + 4 \times (6 + 8)$$

$$7 \times 10 + 8 \times 2$$

$$10 + 8 \times 3 \times 2$$

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

$$4 \times 3 + 2 \times 7$$

$$4 + 5 \times 3 + 9$$

$$10 \times 5 + 6 \times 3$$

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$$\begin{aligned}8 + \underline{2 \times 6} \times 5 \\&= 8 + \underline{12 \times 5} \\&= \underline{8 + 60} \\&= 68\end{aligned}$$

$$\begin{aligned}6 + \underline{7 \times 3} + 8 \\&= \underline{6 + 21} + 8 \\&= \underline{27 + 8} \\&= 35\end{aligned}$$

$$\begin{aligned}3 \times (4 + \underline{2 \times 5}) \\&= 3 \times (\underline{4 + 10}) \\&= \underline{3 \times 14} \\&= 42\end{aligned}$$

$$\begin{aligned}7 + 4 \times (\underline{6 + 8}) \\&= 7 + \underline{4 \times 14} \\&= \underline{7 + 56} \\&= 63\end{aligned}$$

$$\begin{aligned}\underline{7 \times 10} + 8 \times 2 \\&= 70 + \underline{8 \times 2} \\&= \underline{70 + 16} \\&= 86\end{aligned}$$

$$\begin{aligned}10 + \underline{8 \times 3} \times 2 \\&= 10 + \underline{24 \times 2} \\&= \underline{10 + 48} \\&= 58\end{aligned}$$

$$\begin{aligned}(\underline{9 + 10}) \times 2 + 5 \\&= \underline{19 \times 2} + 5 \\&= \underline{38 + 5} \\&= 43\end{aligned}$$

$$\begin{aligned}\underline{4 \times 3} + 2 \times 7 \\&= 12 + \underline{2 \times 7} \\&= \underline{12 + 14} \\&= 26\end{aligned}$$

$$\begin{aligned}4 + \underline{5 \times 3} + 9 \\&= \underline{4 + 15} + 9 \\&= \underline{19 + 9} \\&= 28\end{aligned}$$

$$\begin{aligned}\underline{10 \times 5} + 6 \times 3 \\&= 50 + \underline{6 \times 3} \\&= \underline{50 + 18} \\&= 68\end{aligned}$$