

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$5 + 8 \times 6 - 2$

$9 - 8 + 6 \times 2$

$(8 \div 4 + 9) \times 6$

$6 \times 4 \div 8 + 9$

$2 + 8 \times 3 \div 4$

$3 \times 10 + 8 - 7$

$7 \times (2 + 4 - 5)$

$5 \times 2 - 9 + 7$

$9 \times (10 + 5 - 7)$

$(5 + 8 - 9) \times 2$

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$$\begin{aligned}5 + \underline{8 \times 6} - 2 \\&= \underline{5 + 48} - 2 \\&= \underline{53 - 2} \\&= 51\end{aligned}$$

$$\begin{aligned}9 - 8 + \underline{6 \times 2} \\&= \underline{9 - 8} + 12 \\&= \underline{1 + 12} \\&= 13\end{aligned}$$

$$\begin{aligned}(\underline{8 \div 4} + 9) \times 6 \\&= (\underline{2 + 9}) \times 6 \\&= \underline{11 \times 6} \\&= 66\end{aligned}$$

$$\begin{aligned}\underline{6 \times 4} \div 8 + 9 \\&= \underline{24 \div 8} + 9 \\&= \underline{3 + 9} \\&= 12\end{aligned}$$

$$\begin{aligned}2 + \underline{8 \times 3} \div 4 \\&= 2 + \underline{24 \div 4} \\&= \underline{2 + 6} \\&= 8\end{aligned}$$

$$\begin{aligned}\underline{3 \times 10} + 8 - 7 \\&= \underline{30 + 8} - 7 \\&= \underline{38 - 7} \\&= 31\end{aligned}$$

$$\begin{aligned}7 \times (\underline{2 + 4} - 5) \\&= 7 \times (\underline{6 - 5}) \\&= \underline{7 \times 1} \\&= 7\end{aligned}$$

$$\begin{aligned}\underline{5 \times 2} - 9 + 7 \\&= \underline{10 - 9} + 7 \\&= \underline{1 + 7} \\&= 8\end{aligned}$$

$$\begin{aligned}9 \times (\underline{10 + 5} - 7) \\&= 9 \times (\underline{15 - 7}) \\&= \underline{9 \times 8} \\&= 72\end{aligned}$$

$$\begin{aligned}(\underline{5 + 8} - 9) \times 2 \\&= (\underline{13 - 9}) \times 2 \\&= \underline{4 \times 2} \\&= 8\end{aligned}$$