

# Order of Operations (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$7 + 3 \times 5 - 8$

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

$10 \times 2 - 3 + 7$

$4 \times (9 - 8 + 3)$

$10 + 5 \times 4 - 6$

$6 \times 8 \div 3 + 9$

$7 \times (10 + 2 - 3)$

$4 \times 7 - 10 + 9$

$(8 \div 2 - 4) \times 7$

$(7 + 3 - 4) \times 2$

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$$\begin{aligned}7 + \underline{3 \times 5} - 8 \\&= \underline{7 + 15} - 8 \\&= \underline{22 - 8} \\&= 14\end{aligned}$$

$$\begin{aligned}(\underline{8 + 6} - 10) \times 5 \\&= (\underline{14 - 10}) \times 5 \\&= \underline{4 \times 5} \\&= 20\end{aligned}$$

$$\begin{aligned}\underline{10 \times 2} - 3 + 7 \\&= \underline{20 - 3} + 7 \\&= \underline{17 + 7} \\&= 24\end{aligned}$$

$$\begin{aligned}4 \times (\underline{9 - 8} + 3) \\&= 4 \times (\underline{1 + 3}) \\&= \underline{4 \times 4} \\&= 16\end{aligned}$$

$$\begin{aligned}10 + \underline{5 \times 4} - 6 \\&= \underline{10 + 20} - 6 \\&= \underline{30 - 6} \\&= 24\end{aligned}$$

$$\begin{aligned}\underline{6 \times 8} \div 3 + 9 \\&= \underline{48 \div 3} + 9 \\&= \underline{16 + 9} \\&= 25\end{aligned}$$

$$\begin{aligned}7 \times (\underline{10 + 2} - 3) \\&= 7 \times (\underline{12 - 3}) \\&= \underline{7 \times 9} \\&= 63\end{aligned}$$

$$\begin{aligned}\underline{4 \times 7} - 10 + 9 \\&= \underline{28 - 10} + 9 \\&= \underline{18 + 9} \\&= 27\end{aligned}$$

$$\begin{aligned}(\underline{8 \div 2} - 4) \times 7 \\&= (\underline{4 - 4}) \times 7 \\&= \underline{0 \times 7} \\&= 0\end{aligned}$$

$$\begin{aligned}(\underline{7 + 3} - 4) \times 2 \\&= (\underline{10 - 4}) \times 2 \\&= \underline{6 \times 2} \\&= 12\end{aligned}$$