

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(2 + 4) \times (8 - 3 + 9 - 5)$$

$$(4 + 8 - 6) \times (9 + 5 - 3)$$

$$(10 - 4 + 8) \times (5 - 2 + 3)$$

$$3 \times (7 + 10 - 9 - 4 + 6)$$

$$10 \times (3 + 6 - 8 + 5 - 2)$$

$$3 \times (10 - 9 + 7 + 8 - 5)$$

$$(10 + 8 - 6) \times (9 - 4 + 2)$$

$$(10 - 4) \times (6 + 3 + 8 - 9)$$

Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (2 + 4) \times (8 - 3 + 9 - 5) \\ & = 6 \times (8 - 3 + 9 - 5) \\ & = 6 \times (5 + 9 - 5) \\ & = 6 \times (14 - 5) \\ & = \underline{6 \times 9} \\ & = 54 \end{aligned}$$

$$\begin{aligned} & (4 + 8 - 6) \times (9 + 5 - 3) \\ & = (12 - 6) \times (9 + 5 - 3) \\ & = 6 \times (9 + 5 - 3) \\ & = 6 \times (14 - 3) \\ & = \underline{6 \times 11} \\ & = 66 \end{aligned}$$

$$\begin{aligned} & (10 - 4 + 8) \times (5 - 2 + 3) \\ & = (6 + 8) \times (5 - 2 + 3) \\ & = 14 \times (5 - 2 + 3) \\ & = 14 \times (3 + 3) \\ & = \underline{14 \times 6} \\ & = 84 \end{aligned}$$

$$\begin{aligned} & 3 \times (7 + 10 - 9 - 4 + 6) \\ & = 3 \times (17 - 9 - 4 + 6) \\ & = 3 \times (8 - 4 + 6) \\ & = 3 \times (4 + 6) \\ & = \underline{3 \times 10} \\ & = 30 \end{aligned}$$

$$\begin{aligned} & 10 \times (3 + 6 - 8 + 5 - 2) \\ & = 10 \times (9 - 8 + 5 - 2) \\ & = 10 \times (1 + 5 - 2) \\ & = 10 \times (6 - 2) \\ & = \underline{10 \times 4} \\ & = 40 \end{aligned}$$

$$\begin{aligned} & 3 \times (10 - 9 + 7 + 8 - 5) \\ & = 3 \times (1 + 7 + 8 - 5) \\ & = 3 \times (8 + 8 - 5) \\ & = 3 \times (16 - 5) \\ & = \underline{3 \times 11} \\ & = 33 \end{aligned}$$

$$\begin{aligned} & (10 + 8 - 6) \times (9 - 4 + 2) \\ & = (18 - 6) \times (9 - 4 + 2) \\ & = 12 \times (9 - 4 + 2) \\ & = 12 \times (5 + 2) \\ & = \underline{12 \times 7} \\ & = 84 \end{aligned}$$

$$\begin{aligned} & (10 - 4) \times (6 + 3 + 8 - 9) \\ & = 6 \times (6 + 3 + 8 - 9) \\ & = 6 \times (9 + 8 - 9) \\ & = 6 \times (17 - 9) \\ & = \underline{6 \times 8} \\ & = 48 \end{aligned}$$