

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(4 + 3) \times 7 - 5 + 9$$

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

$$(9 + 5) \times 6 - 7 + 3$$

$$(10 + 9 - 2) \times (6 - 3)$$

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

$$(2 + 6) \times 5 - 8 - 4$$

$$3 \times (6 + 10 - 5 - 4)$$

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

$$7 \times (6 + 8 - 2 - 5)$$

$$(5 - 3 + 7) \times 4 - 2$$

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Simplify each expression using the correct order of operations.

$$\begin{aligned} & (4 + 3) \times 7 - 5 + 9 \\ & = 7 \times 7 - 5 + 9 \\ & = 49 - 5 + 9 \\ & = 44 + 9 \\ & = 53 \end{aligned}$$

$$\begin{aligned} & (3 \times 2 - 6 + 10) \times 5 \\ & = (6 - 6 + 10) \times 5 \\ & = (0 + 10) \times 5 \\ & = 10 \times 5 \\ & = 50 \end{aligned}$$

$$\begin{aligned} & (9 + 5) \times 6 - 7 + 3 \\ & = 14 \times 6 - 7 + 3 \\ & = 84 - 7 + 3 \\ & = 77 + 3 \\ & = 80 \end{aligned}$$

$$\begin{aligned} & (10 + 9 - 2) \times (6 - 3) \\ & = (19 - 2) \times (6 - 3) \\ & = 17 \times (6 - 3) \\ & = 17 \times 3 \\ & = 51 \end{aligned}$$

$$\begin{aligned} & (8 - 2) \times (4 + 3 + 9) \\ & = 6 \times (4 + 3 + 9) \\ & = 6 \times (7 + 9) \\ & = 6 \times 16 \\ & = 96 \end{aligned}$$

$$\begin{aligned} & (2 + 6) \times 5 - 8 - 4 \\ & = 8 \times 5 - 8 - 4 \\ & = 40 - 8 - 4 \\ & = 32 - 4 \\ & = 28 \end{aligned}$$

$$\begin{aligned} & 3 \times (6 + 10 - 5 - 4) \\ & = 3 \times (16 - 5 - 4) \\ & = 3 \times (11 - 4) \\ & = 3 \times 7 \\ & = 21 \end{aligned}$$

$$\begin{aligned} & 6 \times (5 + 8 - 9) \times 3 \\ & = 6 \times (13 - 9) \times 3 \\ & = 6 \times 4 \times 3 \\ & = 24 \times 3 \\ & = 72 \end{aligned}$$

$$\begin{aligned} & 7 \times (6 + 8 - 2 - 5) \\ & = 7 \times (14 - 2 - 5) \\ & = 7 \times (12 - 5) \\ & = 7 \times 7 \\ & = 49 \end{aligned}$$

$$\begin{aligned} & (5 - 3 + 7) \times 4 - 2 \\ & = (2 + 7) \times 4 - 2 \\ & = 9 \times 4 - 2 \\ & = 36 - 2 \\ & = 34 \end{aligned}$$