

# Order of Operations (A)

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

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

Solve each expression using the correct order of operations.

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

$$(9 + 4 \times 7 - 10) \times 2$$

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

$$(3 + 8 - 4 \times 2) \times 7$$

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

$$(9 - 7) \times (2 + 6 + 10)$$

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

$$(9 - 7) \times 8 + 4 \times 5$$

$$(7 \times (4 + 3 - 6)) \times 2$$

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

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Solve each expression using the correct order of operations.

$$\begin{aligned} & 3 \times (10 + 6 - 7 + 9) \\ & = 3 \times (16 - 7 + 9) \\ & = 3 \times (9 + 9) \\ & = 3 \times 18 \\ & = 54 \end{aligned}$$

$$\begin{aligned} & (9 + 4 \times 7 - 10) \times 2 \\ & = (9 + 28 - 10) \times 2 \\ & = (37 - 10) \times 2 \\ & = 27 \times 2 \\ & = 54 \end{aligned}$$

$$\begin{aligned} & 9 - 2 + 8 \times (4 + 6) \\ & = 9 - 2 + 8 \times 10 \\ & = 9 - 2 + 80 \\ & = 7 + 80 \\ & = 87 \end{aligned}$$

$$\begin{aligned} & (3 + 8 - 4 \times 2) \times 7 \\ & = (3 + 8 - 8) \times 7 \\ & = (11 - 8) \times 7 \\ & = 3 \times 7 \\ & = 21 \end{aligned}$$

$$\begin{aligned} & (9 + 2) \times 5 - 8 + 4 \\ & = 11 \times 5 - 8 + 4 \\ & = 55 - 8 + 4 \\ & = 47 + 4 \\ & = 51 \end{aligned}$$

$$\begin{aligned} & (9 - 7) \times (2 + 6 + 10) \\ & = 2 \times (2 + 6 + 10) \\ & = 2 \times (8 + 10) \\ & = 2 \times 18 \\ & = 36 \end{aligned}$$

$$\begin{aligned} & 5 \times (6 + 10 - 3 + 2) \\ & = 5 \times (16 - 3 + 2) \\ & = 5 \times (13 + 2) \\ & = 5 \times 15 \\ & = 75 \end{aligned}$$

$$\begin{aligned} & (9 - 7) \times 8 + 4 \times 5 \\ & = 2 \times 8 + 4 \times 5 \\ & = 16 + 4 \times 5 \\ & = 16 + 20 \\ & = 36 \end{aligned}$$

$$\begin{aligned} & (7 \times (4 + 3 - 6)) \times 2 \\ & = (7 \times (7 - 6)) \times 2 \\ & = (7 \times 1) \times 2 \\ & = 7 \times 2 \\ & = 14 \end{aligned}$$

$$\begin{aligned} & 3 \times (8 + 2 - 4 + 9) \\ & = 3 \times (10 - 4 + 9) \\ & = 3 \times (6 + 9) \\ & = 3 \times 15 \\ & = 45 \end{aligned}$$