

# Order of Operations (A)

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

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

Simplify 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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Simplify each expression using the correct order of operations.

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

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

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

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

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

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

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

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

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

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