

# Order of Operations (G)

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

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

Simplify each expression using the correct order of operations.

$$(10 \times 3 + 9) \times 2 + 4$$

$$6 + 4 \times (5 + 2 \times 3)$$

$$2 \times (3 + 4 \times 6 + 9)$$

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

$$3 \times (10 + 4 + 7 \times 2)$$

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

$$2 \times 8 + 5 \times (7 + 9)$$

$$7 + 2 \times (5 \times (6 + 3))$$

$$(3 \times 7 + 10 + 5) \times 2$$

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

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Simplify each expression using the correct order of operations.

$$\begin{aligned} & (10 \times 3 + 9) \times 2 + 4 \\ & = (30 + 9) \times 2 + 4 \\ & = 39 \times 2 + 4 \\ & = 78 + 4 \\ & = 82 \end{aligned}$$

$$\begin{aligned} & 6 + 4 \times (5 + 2 \times 3) \\ & = 6 + 4 \times (5 + 6) \\ & = 6 + 4 \times 11 \\ & = 6 + 44 \\ & = 50 \end{aligned}$$

$$\begin{aligned} & 2 \times (3 + 4 \times 6 + 9) \\ & = 2 \times (3 + 24 + 9) \\ & = 2 \times (27 + 9) \\ & = 2 \times 36 \\ & = 72 \end{aligned}$$

$$\begin{aligned} & 3 + 2 \times (4 \times 8 + 9) \\ & = 3 + 2 \times (32 + 9) \\ & = 3 + 2 \times 41 \\ & = 3 + 82 \\ & = 85 \end{aligned}$$

$$\begin{aligned} & 3 \times (10 + 4 + 7 \times 2) \\ & = 3 \times (10 + 4 + 14) \\ & = 3 \times (14 + 14) \\ & = 3 \times 28 \\ & = 84 \end{aligned}$$

$$\begin{aligned} & 4 \times 7 + 8 \times (2 + 3) \\ & = 4 \times 7 + 8 \times 5 \\ & = 28 + 8 \times 5 \\ & = 28 + 40 \\ & = 68 \end{aligned}$$

$$\begin{aligned} & 2 \times 8 + 5 \times (7 + 9) \\ & = 2 \times 8 + 5 \times 16 \\ & = 16 + 5 \times 16 \\ & = 16 + 80 \\ & = 96 \end{aligned}$$

$$\begin{aligned} & 7 + 2 \times (5 \times (6 + 3)) \\ & = 7 + 2 \times (5 \times 9) \\ & = 7 + 2 \times 45 \\ & = 7 + 90 \\ & = 97 \end{aligned}$$

$$\begin{aligned} & (3 \times 7 + 10 + 5) \times 2 \\ & = (21 + 10 + 5) \times 2 \\ & = (31 + 5) \times 2 \\ & = 36 \times 2 \\ & = 72 \end{aligned}$$

$$\begin{aligned} & 5 + 3 \times (4 + 2 \times 7) \\ & = 5 + 3 \times (4 + 14) \\ & = 5 + 3 \times 18 \\ & = 5 + 54 \\ & = 59 \end{aligned}$$