

Order of Operations (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$7 + 4 \times 3 \times 6$$

$$8 \times 4 + 10 + 7$$

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

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

$$10 + 6 \times (2 + 4)$$

$$8 \times 6 + 7 + 10$$

$$9 + 5 \times (2 + 6)$$

$$10 \times 5 + 7 + 4$$

$$10 \times 3 + 6 \times 7$$

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Simplify each expression using the correct order of operations.

$$\begin{aligned} & 9 + 8 \times (6 + 4) \\ & = 9 + 8 \times 10 \\ & = 9 + 80 \\ & = 89 \end{aligned}$$

$$\begin{aligned} & 7 + 4 \times 3 \times 6 \\ & = 7 + 12 \times 6 \\ & = 7 + 72 \\ & = 79 \end{aligned}$$

$$\begin{aligned} & 8 \times 4 + 10 + 7 \\ & = 32 + 10 + 7 \\ & = 42 + 7 \\ & = 49 \end{aligned}$$

$$\begin{aligned} & 3 \times (8 + 2 + 4) \\ & = 3 \times (10 + 4) \\ & = 3 \times 14 \\ & = 42 \end{aligned}$$

$$\begin{aligned} & 4 \times (7 + 8 + 2) \\ & = 4 \times (15 + 2) \\ & = 4 \times 17 \\ & = 68 \end{aligned}$$

$$\begin{aligned} & 10 + 6 \times (2 + 4) \\ & = 10 + 6 \times 6 \\ & = 10 + 36 \\ & = 46 \end{aligned}$$

$$\begin{aligned} & 8 \times 6 + 7 + 10 \\ & = 48 + 7 + 10 \\ & = 55 + 10 \\ & = 65 \end{aligned}$$

$$\begin{aligned} & 9 + 5 \times (2 + 6) \\ & = 9 + 5 \times 8 \\ & = 9 + 40 \\ & = 49 \end{aligned}$$

$$\begin{aligned} & 10 \times 5 + 7 + 4 \\ & = 50 + 7 + 4 \\ & = 57 + 4 \\ & = 61 \end{aligned}$$

$$\begin{aligned} & 10 \times 3 + 6 \times 7 \\ & = 30 + 6 \times 7 \\ & = 30 + 42 \\ & = 72 \end{aligned}$$