

Order of Operations (H)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(10 + 7) \times 2^2$$

$$(6 - 5)^2 \times 4$$

$$5^2 \times 3 + 10$$

$$(8 - 5)^2 \times 2$$

$$8 \div 2^3 + 6$$

$$4 \times (10 - 7)^2$$

$$4^3 - 8 \times 5$$

$$2 \times 6 + 4^3$$

$$8^2 \div (5 + 3)$$

$$2^3 \times (3 + 5)$$

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Solve each expression using the correct order of operations.

$$\begin{aligned} & (10 + 7) \times 2^2 \\ & = 17 \times 2^2 \\ & = 17 \times 4 \\ & = 68 \end{aligned}$$

$$\begin{aligned} & (6 - 5)^2 \times 4 \\ & = 1^2 \times 4 \\ & = 1 \times 4 \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 5^2 \times 3 + 10 \\ & = 25 \times 3 + 10 \\ & = 75 + 10 \\ & = 85 \end{aligned}$$

$$\begin{aligned} & (8 - 5)^2 \times 2 \\ & = 3^2 \times 2 \\ & = 9 \times 2 \\ & = 18 \end{aligned}$$

$$\begin{aligned} & 8 \div 2^3 + 6 \\ & = 8 \div 8 + 6 \\ & = 1 + 6 \\ & = 7 \end{aligned}$$

$$\begin{aligned} & 4 \times (10 - 7)^2 \\ & = 4 \times 3^2 \\ & = 4 \times 9 \\ & = 36 \end{aligned}$$

$$\begin{aligned} & 4^3 - 8 \times 5 \\ & = 64 - 8 \times 5 \\ & = 64 - 40 \\ & = 24 \end{aligned}$$

$$\begin{aligned} & 2 \times 6 + 4^3 \\ & = 2 \times 6 + 64 \\ & = 12 + 64 \\ & = 76 \end{aligned}$$

$$\begin{aligned} & 8^2 \div (5 + 3) \\ & = 8^2 \div 8 \\ & = 64 \div 8 \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 2^3 \times (3 + 5) \\ & = 2^3 \times 8 \\ & = 8 \times 8 \\ & = 64 \end{aligned}$$