

Order of Operations (F)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

$$8 + 9 \div 3^2$$

$$3^2 \times 6 - 2$$

$$3^2 \times (10 - 8)$$

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

$$9^2 - 4 \times 7$$

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

$$4^2 \div (9 + 7)$$

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

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

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$$\begin{aligned} &4 \times (2^3 + 6) \\ &= 4 \times (8 + 6) \\ &= 4 \times 14 \\ &= 56 \end{aligned}$$

$$\begin{aligned} &8 + 9 \div 3^2 \\ &= 8 + 9 \div 9 \\ &= 8 + 1 \\ &= 9 \end{aligned}$$

$$\begin{aligned} &3^2 \times 6 - 2 \\ &= 9 \times 6 - 2 \\ &= 54 - 2 \\ &= 52 \end{aligned}$$

$$\begin{aligned} &3^2 \times (10 - 8) \\ &= 3^2 \times 2 \\ &= 9 \times 2 \\ &= 18 \end{aligned}$$

$$\begin{aligned} &(6 + 2^2) \times 10 \\ &= (6 + 4) \times 10 \\ &= 10 \times 10 \\ &= 100 \end{aligned}$$

$$\begin{aligned} &9^2 - 4 \times 7 \\ &= 81 - 4 \times 7 \\ &= 81 - 28 \\ &= 53 \end{aligned}$$

$$\begin{aligned} &5 \times 2^2 + 3 \\ &= 5 \times 4 + 3 \\ &= 20 + 3 \\ &= 23 \end{aligned}$$

$$\begin{aligned} &4^2 \div (9 + 7) \\ &= 4^2 \div 16 \\ &= 16 \div 16 \\ &= 1 \end{aligned}$$

$$\begin{aligned} &6 - 2^3 \div 8 \\ &= 6 - 8 \div 8 \\ &= 6 - 1 \\ &= 5 \end{aligned}$$

$$\begin{aligned} &(2 + 5) \times 3^2 \\ &= 7 \times 3^2 \\ &= 7 \times 9 \\ &= 63 \end{aligned}$$