

Order of Operations (I)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$2^2 \times (8 - 4)$$

$$(8 - 6)^2 \times 9$$

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

$$3^3 + 9 \times 7$$

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

$$6 - 4^2 \div 8$$

$$3 \times 8 + 7^2$$

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

$$5 \div (3 - 2)^2$$

$$3^2 \times (8 - 7)$$

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Solve each expression using the correct order of operations.

$$\begin{aligned}2^2 \times (8 - 4) \\&= 2^2 \times 4 \\&= 4 \times 4 \\&= 16\end{aligned}$$

$$\begin{aligned}(8 - 6)^2 \times 9 \\&= 2^2 \times 9 \\&= 4 \times 9 \\&= 36\end{aligned}$$

$$\begin{aligned}10 \times (3 - 2)^3 \\&= 10 \times 1^3 \\&= 10 \times 1 \\&= 10\end{aligned}$$

$$\begin{aligned}3^3 + 9 \times 7 \\&= 27 + 9 \times 7 \\&= 27 + 63 \\&= 90\end{aligned}$$

$$\begin{aligned}3 \times (4^2 + 2) \\&= 3 \times (16 + 2) \\&= 3 \times 18 \\&= 54\end{aligned}$$

$$\begin{aligned}6 - 4^2 \div 8 \\&= 6 - 16 \div 8 \\&= 6 - 2 \\&= 4\end{aligned}$$

$$\begin{aligned}3 \times 8 + 7^2 \\&= 3 \times 8 + 49 \\&= 24 + 49 \\&= 73\end{aligned}$$

$$\begin{aligned}(3 + 2^3) \times 4 \\&= (3 + 8) \times 4 \\&= 11 \times 4 \\&= 44\end{aligned}$$

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

$$\begin{aligned}3^2 \times (8 - 7) \\&= 3^2 \times 1 \\&= 9 \times 1 \\&= 9\end{aligned}$$