

# Order of Operations (C)

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

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

Solve each expression using the correct order of operations.

$$8 + 2^2 \times 9$$

$$4^3 + 10 \div 5$$

$$9 \times 2^2 + 6$$

$$7 + 4 \times 2^2$$

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

$$(3^2 - 5) \times 8$$

$$10^2 \div (6 - 4)$$

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

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

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

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$$\begin{aligned}8 + 2^2 \times 9 \\&= 8 + 4 \times 9 \\&= 8 + 36 \\&= 44\end{aligned}$$

$$\begin{aligned}4^3 + 10 \div 5 \\&= 64 + 10 \div 5 \\&= 64 + 2 \\&= 66\end{aligned}$$

$$\begin{aligned}9 \times 2^2 + 6 \\&= 9 \times 4 + 6 \\&= 36 + 6 \\&= 42\end{aligned}$$

$$\begin{aligned}7 + 4 \times 2^2 \\&= 7 + 4 \times 4 \\&= 7 + 16 \\&= 23\end{aligned}$$

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

$$\begin{aligned}(3^2 - 5) \times 8 \\&= (9 - 5) \times 8 \\&= 4 \times 8 \\&= 32\end{aligned}$$

$$\begin{aligned}10^2 \div (6 - 4) \\&= 10^2 \div 2 \\&= 100 \div 2 \\&= 50\end{aligned}$$

$$\begin{aligned}2 \times 3^3 + 7 \\&= 2 \times 27 + 7 \\&= 54 + 7 \\&= 61\end{aligned}$$

$$\begin{aligned}(2^3 - 8) \div 6 \\&= (8 - 8) \div 6 \\&= 0 \div 6 \\&= 0\end{aligned}$$

$$\begin{aligned}3^2 \times (6 + 2) \\&= 3^2 \times 8 \\&= 9 \times 8 \\&= 72\end{aligned}$$