

Order of Operations (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$4 \times 9 + 2^2$$

$$9 \times 4 - 3^2$$

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

$$8 \times 7 + 4^2$$

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

$$6 \times 2^3 + 10$$

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

$$7 \times (9 - 8)^2$$

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

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$$\begin{aligned}3 + 10^2 \div 5 \\&= 3 + 100 \div 5 \\&= 3 + 20 \\&= 23\end{aligned}$$

$$\begin{aligned}4 \times 9 + 2^2 \\&= 4 \times 9 + 4 \\&= 36 + 4 \\&= 40\end{aligned}$$

$$\begin{aligned}9 \times 4 - 3^2 \\&= 9 \times 4 - 9 \\&= 36 - 9 \\&= 27\end{aligned}$$

$$\begin{aligned}(8 + 2^3) \times 4 \\&= (8 + 8) \times 4 \\&= 16 \times 4 \\&= 64\end{aligned}$$

$$\begin{aligned}8 \times 7 + 4^2 \\&= 8 \times 7 + 16 \\&= 56 + 16 \\&= 72\end{aligned}$$

$$\begin{aligned}(6^2 + 3) \times 2 \\&= (36 + 3) \times 2 \\&= 39 \times 2 \\&= 78\end{aligned}$$

$$\begin{aligned}6 \times 2^3 + 10 \\&= 6 \times 8 + 10 \\&= 48 + 10 \\&= 58\end{aligned}$$

$$\begin{aligned}(2^2 + 10) \times 6 \\&= (4 + 10) \times 6 \\&= 14 \times 6 \\&= 84\end{aligned}$$

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

$$\begin{aligned}4^2 - 6 \times 2 \\&= 16 - 6 \times 2 \\&= 16 - 12 \\&= 4\end{aligned}$$