

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$(8^2 + 6) \div 5$$

$$3 \times 7 + 5^2$$

$$(10 + 2^3) \div 3$$

$$(3^3 - 10) \times 4$$

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

$$9 \times (4^2 - 5)$$

$$2 \times (4^2 + 10)$$

$$4 \div 2 + 5^2$$

$$9 \div 3 + 6^2$$

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

$$\begin{aligned}(8^2 + 6) \div 5 \\&= (64 + 6) \div 5 \\&= 70 \div 5 \\&= 14\end{aligned}$$

$$\begin{aligned}3 \times 7 + 5^2 \\&= 3 \times 7 + 25 \\&= 21 + 25 \\&= 46\end{aligned}$$

$$\begin{aligned}(10 + 2^3) \div 3 \\&= (10 + 8) \div 3 \\&= 18 \div 3 \\&= 6\end{aligned}$$

$$\begin{aligned}(3^3 - 10) \times 4 \\&= (27 - 10) \times 4 \\&= 17 \times 4 \\&= 68\end{aligned}$$

$$\begin{aligned}10 \div (6 - 2^2) \\&= 10 \div (6 - 4) \\&= 10 \div 2 \\&= 5\end{aligned}$$

$$\begin{aligned}9 \times (4^2 - 5) \\&= 9 \times (16 - 5) \\&= 9 \times 11 \\&= 99\end{aligned}$$

$$\begin{aligned}2 \times (4^2 + 10) \\&= 2 \times (16 + 10) \\&= 2 \times 26 \\&= 52\end{aligned}$$

$$\begin{aligned}4 \div 2 + 5^2 \\&= 4 \div 2 + 25 \\&= 2 + 25 \\&= 27\end{aligned}$$

$$\begin{aligned}9 \div 3 + 6^2 \\&= 9 \div 3 + 36 \\&= 3 + 36 \\&= 39\end{aligned}$$