

Orden de Operaciones (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$7 - (-8)^2 \div 4 \times (-4)$$

$$(9 + 2^3 - 8) \times 6$$

$$6 - 7 \times 3^2 + 2$$

$$(-6) - 6 \times (-9) \div 3^3$$

$$(-3)^3 - (-9) \times 9 + 5$$

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

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

$$8 \times (5 - (-2)^3 + (-10))$$

$$2^2 \times (-10) - 5 + (-5)$$

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

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$$\begin{aligned}7 - (-8)^2 \div 4 \times (-4) \\&= 7 - 64 \div 4 \times (-4) \\&= 7 - 16 \times (-4) \\&= 7 - (-64) \\&= 71\end{aligned}$$

$$\begin{aligned}(9 + 2^3 - 8) \times 6 \\&= (9 + 8 - 8) \times 6 \\&= (17 - 8) \times 6 \\&= 9 \times 6 \\&= 54\end{aligned}$$

$$\begin{aligned}6 - 7 \times 3^2 + 2 \\&= 6 - 7 \times 9 + 2 \\&= 6 - 63 + 2 \\&= (-57) + 2 \\&= -55\end{aligned}$$

$$\begin{aligned}(-6) - 6 \times (-9) \div 3^3 \\&= (-6) - 6 \times (-9) \div 27 \\&= (-6) - (-54) \div 27 \\&= (-6) - (-2) \\&= -4\end{aligned}$$

$$\begin{aligned}(-3)^3 - (-9) \times 9 + 5 \\&= (-27) - (-9) \times 9 + 5 \\&= (-27) - (-81) + 5 \\&= 54 + 5 \\&= 59\end{aligned}$$

$$\begin{aligned}7 + (-7)^2 \times (-2) - 3 \\&= 7 + 49 \times (-2) - 3 \\&= 7 + (-98) - 3 \\&= (-91) - 3 \\&= -94\end{aligned}$$

$$\begin{aligned}((8 - (-4)) + (-8))^2 \times 4 \\&= (12 + (-8))^2 \times 4 \\&= 4^2 \times 4 \\&= 16 \times 4 \\&= 64 \\2^2 \times (-10) - 5 + (-5) \\&= 4 \times (-10) - 5 + (-5) \\&= (-40) - 5 + (-5) \\&= (-45) + (-5) \\&= -50\end{aligned}$$

$$\begin{aligned}8 \times (5 - (-2)^3 + (-10)) \\&= 8 \times (5 - (-8) + (-10)) \\&= 8 \times (13 + (-10)) \\&= 8 \times 3 \\&= 24 \\(-4)^2 \times 6 + 3 - 4 \\&= 16 \times 6 + 3 - 4 \\&= 96 + 3 - 4 \\&= 99 - 4 \\&= 95\end{aligned}$$