

Orden de Operaciones (I)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$(-10) + (-9) \times (-2)^2$$

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

$$((-9) + 7^2) \div 10$$

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

$$4^2 - (-10) \times 5$$

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

$$5^2 - (-7) \times 3$$

$$(-8) \times 5 - (-4)^2$$

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

$$(-2)^3 \div (-4) + 3$$

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$$\begin{aligned} & (-10) + (-9) \times \underline{(-2)^2} \\ & = (-10) + \underline{(-9) \times 4} \\ & = \underline{(-10) + (-36)} \\ & = -46 \end{aligned}$$

$$\begin{aligned} & \underline{(3-2)} \times (-7)^2 \\ & = 1 \times \underline{(-7)^2} \\ & = \underline{1 \times 49} \\ & = 49 \end{aligned}$$

$$\begin{aligned} & ((-9) + \underline{7^2}) \div 10 \\ & = \underline{((-9) + 49)} \div 10 \\ & = \underline{40 \div 10} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 3 \times ((-8) - \underline{(-2)^2}) \\ & = 3 \times \underline{((-8) - 4)} \\ & = \underline{3 \times (-12)} \\ & = -36 \end{aligned}$$

$$\begin{aligned} & \underline{4^2} - (-10) \times 5 \\ & = 16 - \underline{(-10) \times 5} \\ & = \underline{16 - (-50)} \\ & = 66 \end{aligned}$$

$$\begin{aligned} & (-2) \times \underline{2^2} - 4 \\ & = \underline{(-2) \times 4} - 4 \\ & = \underline{(-8) - 4} \\ & = -12 \end{aligned}$$

$$\begin{aligned} & \underline{5^2} - (-7) \times 3 \\ & = 25 - \underline{(-7) \times 3} \\ & = \underline{25 - (-21)} \\ & = 46 \end{aligned}$$

$$\begin{aligned} & (-8) \times 5 - \underline{(-4)^2} \\ & = \underline{(-8) \times 5} - 16 \\ & = \underline{(-40) - 16} \\ & = -56 \end{aligned}$$

$$\begin{aligned} & \underline{(-2)^3} \times 10 - 3 \\ & = \underline{(-8) \times 10} - 3 \\ & = \underline{(-80) - 3} \\ & = -83 \end{aligned}$$

$$\begin{aligned} & \underline{(-2)^3} \div (-4) + 3 \\ & = \underline{(-8) \div (-4)} + 3 \\ & = \underline{2 + 3} \\ & = 5 \end{aligned}$$