

Orden de Operaciones (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

$$(-4)^3 \div 8 + (-2)$$

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

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

$$(-8) \times (-6) - (-5)^2$$

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

$$((-9) + 8) \times 5^2$$

$$((-7) - (-5))^3 \div 4$$

$$(-4)^3 - (-6) \div 3$$

$$7^2 - (-4) \times 9$$

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$$\begin{aligned} & (-2) \times 3^2 - (-5) \\ &= \underline{(-2) \times 9} - (-5) \\ &= \underline{(-18) - (-5)} \\ &= -13 \end{aligned}$$

$$\begin{aligned} & \underline{(-4)^3} \div 8 + (-2) \\ &= \underline{(-64) \div 8} + (-2) \\ &= \underline{(-8) + (-2)} \\ &= -10 \end{aligned}$$

$$\begin{aligned} & (-8) \times \left(\underline{(-3)^2} + (-10) \right) \\ &= (-8) \times \left(\underline{9 + (-10)} \right) \\ &= \underline{(-8) \times (-1)} \\ &= 8 \end{aligned}$$

$$\begin{aligned} & \left(\underline{8 + (-4)} \right)^2 \times 2 \\ &= \underline{4^2} \times 2 \\ &= \underline{16 \times 2} \\ &= 32 \end{aligned}$$

$$\begin{aligned} & (-8) \times (-6) - \underline{(-5)^2} \\ &= \underline{(-8) \times (-6)} - 25 \\ &= \underline{48 - 25} \\ &= 23 \end{aligned}$$

$$\begin{aligned} & 5 \times \left(\underline{3^3} + (-10) \right) \\ &= 5 \times \left(\underline{27 + (-10)} \right) \\ &= \underline{5 \times 17} \\ &= 85 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-9) + 8} \right) \times 5^2 \\ &= (-1) \times \underline{5^2} \\ &= \underline{(-1) \times 25} \\ &= -25 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-7) - (-5)} \right)^3 \div 4 \\ &= \underline{(-2)^3} \div 4 \\ &= \underline{(-8) \div 4} \\ &= -2 \end{aligned}$$

$$\begin{aligned} & \underline{(-4)^3} - (-6) \div 3 \\ &= (-64) - \underline{(-6) \div 3} \\ &= \underline{(-64) - (-2)} \\ &= -62 \end{aligned}$$

$$\begin{aligned} & \underline{7^2} - (-4) \times 9 \\ &= 49 - \underline{(-4) \times 9} \\ &= \underline{49 - (-36)} \\ &= 85 \end{aligned}$$