

Orden de Operaciones con Decimales (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(2.2)^2 \times (-7.5) + 5.2$$

$$(-2.8)^2 - 9.7 \times (-1.7)$$

$$(2.9)^2 + 8.3 \times 6.6$$

$$0.8 \div ((-8.3) + 9.1)^2$$

$$\left((-4.4)^2 - (-2.1)\right) \times 2.5$$

$$(6.4)^2 - 7.4 \times 7.3$$

$$\left(0.1 + (-3.7)^2\right) \div (-3.5)$$

$$(3.9)^2 - 5.7 \times 7.8$$

$$(-5.4) - (-4.6)^2 \times (-2.5)$$

$$(-5.6) \times (-7.9) - (9.9)^2$$

Orden de Operaciones con Decimales (H) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \underline{(2.2)^2} \times (-7.5) + 5.2 \\ & = \underline{4.84} \times \underline{(-7.5)} + 5.2 \\ & = \underline{(-36.3)} + \underline{5.2} \\ & = \underline{-31.1} \end{aligned}$$

$$\begin{aligned} & \underline{(-2.8)^2} - 9.7 \times (-1.7) \\ & = 7.84 - \underline{9.7 \times (-1.7)} \\ & = \underline{7.84 - (-16.49)} \\ & = \underline{24.33} \end{aligned}$$

$$\begin{aligned} & \underline{(2.9)^2} + 8.3 \times 6.6 \\ & = 8.41 + \underline{8.3 \times 6.6} \\ & = \underline{8.41 + 54.78} \\ & = \underline{63.19} \end{aligned}$$

$$\begin{aligned} & 0.8 \div \left(\underline{(-8.3) + 9.1} \right)^2 \\ & = 0.8 \div \underline{(0.8)^2} \\ & = \underline{0.8 \div 0.64} \\ & = \underline{1.25} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-4.4)^2} - (-2.1) \right) \times 2.5 \\ & = \left(\underline{19.36 - (-2.1)} \right) \times 2.5 \\ & = \underline{21.46} \times \underline{2.5} \\ & = \underline{53.65} \end{aligned}$$

$$\begin{aligned} & \underline{(6.4)^2} - 7.4 \times 7.3 \\ & = 40.96 - \underline{7.4 \times 7.3} \\ & = \underline{40.96 - 54.02} \\ & = \underline{-13.06} \end{aligned}$$

$$\begin{aligned} & \left(0.1 + \underline{(-3.7)^2} \right) \div (-3.5) \\ & = \left(\underline{0.1 + 13.69} \right) \div (-3.5) \\ & = \underline{13.79} \div \underline{(-3.5)} \\ & = \underline{-3.94} \end{aligned}$$

$$\begin{aligned} & \underline{(3.9)^2} - 5.7 \times 7.8 \\ & = 15.21 - \underline{5.7 \times 7.8} \\ & = \underline{15.21 - 44.46} \\ & = \underline{-29.25} \end{aligned}$$

$$\begin{aligned} & (-5.4) - \underline{(-4.6)^2} \times (-2.5) \\ & = (-5.4) - \underline{21.16} \times \underline{(-2.5)} \\ & = \underline{(-5.4) - (-52.9)} \\ & = \underline{47.5} \end{aligned}$$

$$\begin{aligned} & (-5.6) \times (-7.9) - \underline{(9.9)^2} \\ & = \underline{(-5.6) \times (-7.9)} - 98.01 \\ & = \underline{44.24 - 98.01} \\ & = \underline{-53.77} \end{aligned}$$