

Orden de Operaciones con Decimales (F)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$1.4 \times \left((-9.1) + 7.3 - (2.2)^2 \div (-8.8) \right)$$

$$(2.1 \times (-4.1) + (-0.2) - 8.3) \div (0.5)^2$$

$$\left((-0.8) + 8.6 \right) \div (-1.3) \times (-8.6) - (7.6)^2$$

$$0.6 \div \left((-0.6) + (-8.3) - (-9.2) \right) \times (-6.3)^2$$

$$(-7.4) \div (-3.7) \times \left((5.2)^2 - (-2.9) + (-7.7) \right) \quad \left((-7.4) \times (-0.1) - (-6.8)^2 \right) \div (7.3 + (-4.7))$$

Orden de Operaciones con Decimales (F) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 1.4 \times \left((-9.1) + 7.3 - \underline{(2.2)^2} \div (-8.8) \right) \\ & = 1.4 \times \left((-9.1) + 7.3 - \underline{4.84 \div (-8.8)} \right) \\ & = 1.4 \times \left(\underline{(-9.1) + 7.3} - (-0.55) \right) \\ & = 1.4 \times \left(\underline{(-1.8) - (-0.55)} \right) \\ & = \underline{1.4 \times (-1.25)} \\ & = -1.75 \end{aligned}$$

$$\begin{aligned} & \left(\underline{2.1 \times (-4.1)} + (-0.2) - 8.3 \right) \div (0.5)^2 \\ & = \left(\underline{(-8.61) + (-0.2)} - 8.3 \right) \div (0.5)^2 \\ & = \left(\underline{(-8.81) - 8.3} \right) \div (0.5)^2 \\ & = (-17.11) \div \underline{(0.5)^2} \\ & = \underline{(-17.11) \div 0.25} \\ & = -68.44 \end{aligned}$$

$$\begin{aligned} & \left(\left(\underline{(-0.8) + 8.6} \right) \div (-1.3) \right) \times (-8.6) - (7.6)^2 \\ & = \left(\underline{7.8 \div (-1.3)} \right) \times (-8.6) - (7.6)^2 \\ & = (-6) \times (-8.6) - \underline{(7.6)^2} \\ & = \underline{(-6) \times (-8.6)} - 57.76 \\ & = \underline{51.6 - 57.76} \\ & = -6.16 \end{aligned}$$

$$\begin{aligned} & 0.6 \div \left(\underline{(-0.6) + (-8.3)} - (-9.2) \right) \times (-6.3)^2 \\ & = 0.6 \div \left(\underline{(-8.9) - (-9.2)} \right) \times (-6.3)^2 \\ & = 0.6 \div 0.3 \times \underline{(-6.3)^2} \\ & = \underline{0.6 \div 0.3} \times 39.69 \\ & = \underline{2 \times 39.69} \\ & = 79.38 \end{aligned}$$

$$\begin{aligned} & (-7.4) \div (-3.7) \times \left(\underline{(5.2)^2} - (-2.9) + (-7.7) \right) \quad \left((-7.4) \times (-0.1) - \underline{(-6.8)^2} \right) \div (7.3 + (-4.7)) \\ & = (-7.4) \div (-3.7) \times \left(\underline{27.04 - (-2.9)} + (-7.7) \right) = \left(\underline{(-7.4) \times (-0.1)} - 46.24 \right) \div (7.3 + (-4.7)) \\ & = (-7.4) \div (-3.7) \times \left(\underline{29.94 + (-7.7)} \right) = \left(\underline{0.74 - 46.24} \right) \div (7.3 + (-4.7)) \\ & = \underline{(-7.4) \div (-3.7)} \times 22.24 = (-45.5) \div \left(\underline{7.3 + (-4.7)} \right) \\ & = \underline{2 \times 22.24} = \underline{(-45.5) \div 2.6} \\ & = 44.48 = -17.5 \end{aligned}$$