

Orden de Operaciones con Decimales (G)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$4.7 + (-8.5) \times \left((-2.8)^2 \div (-0.5) - (-5.3) \right) \quad \left((6.8)^2 \div 3.4 \right) \times (0.5 + 3.3 - 5.1)$$

$$\left((-8.5) - (-6.6) + (-9.6) \right) \times 1.8 \div (-0.6)^2 \quad (8.5)^2 - 4.9 \times \left((-6.3) \div (-2.1) + 0.5 \right)$$

$$9.5 \times (-3.3) + (-8.5)^2 \div (5.9 - 2.5) \quad \left(\left((-1.4) - 7.8 + 3.4 \right) \div (-5.8) \right)^2 \times (-5.7)$$

Orden de Operaciones con Decimales (G) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 4.7 + (-8.5) \times \left(\underline{(-2.8)^2} \div (-0.5) - (-5.3) \right) \\ &= 4.7 + (-8.5) \times \left(\underline{7.84 \div (-0.5)} - (-5.3) \right) \\ &= 4.7 + (-8.5) \times \left(\underline{(-15.68) - (-5.3)} \right) \\ &= 4.7 + \underline{(-8.5) \times (-10.38)} \\ &= \underline{4.7 + 88.23} \\ &= \underline{92.93} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(6.8)^2} \div 3.4 \right) \times (0.5 + 3.3 - 5.1) \\ &= \underline{(46.24 \div 3.4)} \times (0.5 + 3.3 - 5.1) \\ &= 13.6 \times \underline{(0.5 + 3.3 - 5.1)} \\ &= 13.6 \times \underline{(3.8 - 5.1)} \\ &= \underline{13.6 \times (-1.3)} \\ &= \underline{-17.68} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-8.5) - (-6.6)} + (-9.6) \right) \times 1.8 \div (-0.6)^2 \\ &= \left(\underline{(-1.9) + (-9.6)} \right) \times 1.8 \div (-0.6)^2 \\ &= (-11.5) \times 1.8 \div \underline{(-0.6)^2} \\ &= \underline{(-11.5) \times 1.8} \div 0.36 \\ &= \underline{(-20.7) \div 0.36} \\ &= \underline{-57.5} \end{aligned}$$

$$\begin{aligned} & (8.5)^2 - 4.9 \times \left(\underline{(-6.3) \div (-2.1)} + 0.5 \right) \\ &= (8.5)^2 - 4.9 \times \underline{(3 + 0.5)} \\ &= \underline{(8.5)^2} - 4.9 \times 3.5 \\ &= 72.25 - \underline{4.9 \times 3.5} \\ &= \underline{72.25 - 17.15} \\ &= \underline{55.1} \end{aligned}$$

$$\begin{aligned} & 9.5 \times (-3.3) + (-8.5)^2 \div \underline{(5.9 - 2.5)} \\ &= 9.5 \times (-3.3) + \underline{(-8.5)^2} \div 3.4 \\ &= \underline{9.5 \times (-3.3)} + 72.25 \div 3.4 \\ &= (-31.35) + \underline{72.25 \div 3.4} \\ &= \underline{(-31.35) + 21.25} \\ &= \underline{-10.1} \end{aligned}$$

$$\begin{aligned} & \left(\left(\underline{(-1.4) - 7.8} + 3.4 \right) \div (-5.8) \right)^2 \times (-5.7) \\ &= \left(\left(\underline{(-9.2) + 3.4} \right) \div (-5.8) \right)^2 \times (-5.7) \\ &= \left(\underline{(-5.8) \div (-5.8)} \right)^2 \times (-5.7) \\ &= \underline{1^2} \times (-5.7) \\ &= \underline{1 \times (-5.7)} \\ &= \underline{-5.7} \end{aligned}$$