

Orden de Operaciones con Decimales (B)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(3.5)^2 - 7.2 \times ((-0.4) + (-1.9))$$

$$(3.9)^2 - (-3.9) \times ((-0.7) + 2.5)$$

$$((-0.8) + (-3.9) - (-1.1))^2 \times 2.5$$

$$(4.7 + (-1.1))^2 \div 9.6 - (-3.7)$$

$$2.8 \times ((3.5)^2 - 2.7 + 5.4)$$

$$((-7.5)^2 - (-9.9)) \times (-0.8) + 5.1$$

$$(-7.2) \div ((-7.4) - 3.1 + 9.7)^2$$

$$((-2.4)^2 \div (-1.6) + 8.8) \times (-1.9)$$

Orden de Operaciones con Decimales (B) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (3.5)^2 - 7.2 \times \left(\underline{(-0.4) + (-1.9)} \right) \\ &= \underline{(3.5)^2} - 7.2 \times (-2.3) \\ &= 12.25 - \underline{7.2 \times (-2.3)} \\ &= \underline{12.25 - (-16.56)} \\ &= \underline{28.81} \end{aligned}$$

$$\begin{aligned} & (3.9)^2 - (-3.9) \times \left(\underline{(-0.7) + 2.5} \right) \\ &= \underline{(3.9)^2} - (-3.9) \times 1.8 \\ &= 15.21 - \underline{(-3.9) \times 1.8} \\ &= \underline{15.21 - (-7.02)} \\ &= \underline{22.23} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-0.8) + (-3.9)} - (-1.1) \right)^2 \times 2.5 \\ &= \left(\underline{(-4.7) - (-1.1)} \right)^2 \times 2.5 \\ &= \underline{(-3.6)^2} \times 2.5 \\ &= \underline{12.96 \times 2.5} \\ &= \underline{32.4} \end{aligned}$$

$$\begin{aligned} & \left(\underline{4.7 + (-1.1)} \right)^2 \div 9.6 - (-3.7) \\ &= \underline{(3.6)^2} \div 9.6 - (-3.7) \\ &= \underline{12.96 \div 9.6} - (-3.7) \\ &= \underline{1.35 - (-3.7)} \\ &= \underline{5.05} \end{aligned}$$

$$\begin{aligned} & 2.8 \times \left(\underline{(3.5)^2} - 2.7 + 5.4 \right) \\ &= 2.8 \times \left(\underline{12.25 - 2.7} + 5.4 \right) \\ &= 2.8 \times \left(\underline{9.55 + 5.4} \right) \\ &= \underline{2.8 \times 14.95} \\ &= \underline{41.86} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-7.5)^2} - (-9.9) \right) \times (-0.8) + 5.1 \\ &= \left(\underline{56.25 - (-9.9)} \right) \times (-0.8) + 5.1 \\ &= \underline{66.15 \times (-0.8)} + 5.1 \\ &= \underline{(-52.92) + 5.1} \\ &= \underline{-47.82} \end{aligned}$$

$$\begin{aligned} & (-7.2) \div \left(\underline{(-7.4) - 3.1} + 9.7 \right)^2 \\ &= (-7.2) \div \left(\underline{(-10.5) + 9.7} \right)^2 \\ &= (-7.2) \div \underline{(-0.8)^2} \\ &= \underline{(-7.2) \div 0.64} \\ &= \underline{-11.25} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-2.4)^2} \div (-1.6) + 8.8 \right) \times (-1.9) \\ &= \left(\underline{5.76 \div (-1.6)} + 8.8 \right) \times (-1.9) \\ &= \left(\underline{(-3.6) + 8.8} \right) \times (-1.9) \\ &= \underline{5.2 \times (-1.9)} \\ &= \underline{-9.88} \end{aligned}$$