

Orden de Operaciones con Decimales (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(1.25 - (0.9)^2 + (-2.8)) \times (3.75 \div (-0.5)) \quad (4.6 \times (8.4 + (-3.9))) \div 0.9 - (-4.4)^2$$

$$((-4.1) - (-7.1)) \div (0.4)^2 + 4.7 \times 5.3$$

$$(-7.7) \div (7.5 + (-8.5))^2 \times (-8.4) - (-8.6)$$

$$(-9.6) - (3.6)^2 \div (((-4.8) + 6.6) \times 4.5)$$

$$((-3.2) + (-8.2) \times 2.7 - (2.8)^2) \div 2.8$$

Orden de Operaciones con Decimales (H) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (1.25 - \underline{(0.9)^2} + (-2.8)) \times (3.75 \div (-0.5)) \\ &= \underline{(1.25 - 0.81} + (-2.8)) \times (3.75 \div (-0.5)) \\ &= \underline{(0.44 + (-2.8))} \times (3.75 \div (-0.5)) \\ &= (-2.36) \times \underline{(3.75 \div (-0.5))} \\ &= \underline{(-2.36) \times (-7.5)} \\ &= 17.7 \end{aligned}$$

$$\begin{aligned} & (4.6 \times (\underline{8.4 + (-3.9)})) \div 0.9 - (-4.4)^2 \\ &= \underline{(4.6 \times 4.5)} \div 0.9 - (-4.4)^2 \\ &= 20.7 \div 0.9 - \underline{(-4.4)^2} \\ &= \underline{20.7 \div 0.9} - 19.36 \\ &= \underline{23 - 19.36} \\ &= 3.64 \end{aligned}$$

$$\begin{aligned} & (\underline{(-4.1) - (-7.1)}) \div (0.4)^2 + 4.7 \times 5.3 \\ &= 3 \div \underline{(0.4)^2} + 4.7 \times 5.3 \\ &= \underline{3 \div 0.16} + 4.7 \times 5.3 \\ &= 18.75 + \underline{4.7 \times 5.3} \\ &= \underline{18.75 + 24.91} \\ &= 43.66 \end{aligned}$$

$$\begin{aligned} & (-7.7) \div (\underline{7.5 + (-8.5)})^2 \times (-8.4) - (-8.6) \\ &= (-7.7) \div \underline{(-1)^2} \times (-8.4) - (-8.6) \\ &= \underline{(-7.7) \div 1} \times (-8.4) - (-8.6) \\ &= \underline{(-7.7) \times (-8.4)} - (-8.6) \\ &= \underline{64.68 - (-8.6)} \\ &= 73.28 \end{aligned}$$

$$\begin{aligned} & (-9.6) - (3.6)^2 \div ((\underline{(-4.8) + 6.6}) \times 4.5) \\ &= (-9.6) - (3.6)^2 \div \underline{(1.8 \times 4.5)} \\ &= (-9.6) - \underline{(3.6)^2} \div 8.1 \\ &= (-9.6) - \underline{12.96 \div 8.1} \\ &= \underline{(-9.6) - 1.6} \\ &= -11.2 \end{aligned}$$

$$\begin{aligned} & ((-3.2) + (-8.2) \times 2.7 - \underline{(2.8)^2}) \div 2.8 \\ &= ((-3.2) + \underline{(-8.2) \times 2.7} - 7.84) \div 2.8 \\ &= (\underline{(-3.2) + (-22.14)} - 7.84) \div 2.8 \\ &= (\underline{(-25.34) - 7.84}) \div 2.8 \\ &= \underline{(-33.18) \div 2.8} \\ &= -11.85 \end{aligned}$$