

# Orden de Operaciones con Decimales (J)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

Resuelva cada expresión usando el orden de operaciones correcto.

$$2.2 \times \left( ((-2.8) + 2.8)^3 \div 5.3 - (-7.1) \right) \quad \left( 6.6 \times 6.8 + (-6.6)^2 \right) \div (-2.2) - (-5.6)$$

$$(-0.3)^2 + 2.4 \times (3.8 - 1.25) \div (-5.1) \quad \left( (4.9)^2 - 5.5 \times (-0.2) + 9.4 \right) \div (-2.9)$$

$$\left( 2.4 + 3.6 \times (-9.4) - (-3.6)^2 \right) \div 0.6 \quad (6.4 - (-0.6)) \div (-0.4) \times (-4.4) + (-4.2)^2$$

# Orden de Operaciones con Decimales (J) Respuestas

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 2.2 \times \left( \left( \underline{(-2.8) + 2.8} \right)^3 \div 5.3 - (-7.1) \right) \\ &= 2.2 \times \left( \underline{0^3} \div 5.3 - (-7.1) \right) \\ &= 2.2 \times \left( \underline{0 \div 5.3} - (-7.1) \right) \\ &= 2.2 \times \left( \underline{0 - (-7.1)} \right) \\ &= \underline{2.2 \times 7.1} \\ &= \underline{15.62} \end{aligned}$$

$$\begin{aligned} & \left( 6.6 \times 6.8 + \underline{(-6.6)^2} \right) \div (-2.2) - (-5.6) \\ &= \left( \underline{6.6 \times 6.8} + 43.56 \right) \div (-2.2) - (-5.6) \\ &= \left( \underline{44.88 + 43.56} \right) \div (-2.2) - (-5.6) \\ &= \underline{88.44 \div (-2.2)} - (-5.6) \\ &= \underline{(-40.2) - (-5.6)} \\ &= \underline{-34.6} \end{aligned}$$

$$\begin{aligned} & (-0.3)^2 + 2.4 \times \left( \underline{3.8 - 1.25} \right) \div (-5.1) \\ &= \underline{(-0.3)^2} + 2.4 \times 2.55 \div (-5.1) \\ &= 0.09 + \underline{2.4 \times 2.55} \div (-5.1) \\ &= 0.09 + \underline{6.12 \div (-5.1)} \\ &= \underline{0.09 + (-1.2)} \\ &= \underline{-1.11} \end{aligned}$$

$$\begin{aligned} & \left( \underline{(4.9)^2} - 5.5 \times (-0.2) + 9.4 \right) \div (-2.9) \\ &= \left( \underline{24.01 - 5.5 \times (-0.2)} + 9.4 \right) \div (-2.9) \\ &= \left( \underline{24.01 - (-1.1)} + 9.4 \right) \div (-2.9) \\ &= \left( \underline{25.11 + 9.4} \right) \div (-2.9) \\ &= \underline{34.51 \div (-2.9)} \\ &= \underline{-11.9} \end{aligned}$$

$$\begin{aligned} & \left( 2.4 + 3.6 \times (-9.4) - \underline{(-3.6)^2} \right) \div 0.6 \\ &= \left( 2.4 + \underline{3.6 \times (-9.4)} - 12.96 \right) \div 0.6 \\ &= \left( \underline{2.4 + (-33.84)} - 12.96 \right) \div 0.6 \\ &= \left( \underline{(-31.44) - 12.96} \right) \div 0.6 \\ &= \underline{(-44.4) \div 0.6} \\ &= \underline{-74} \end{aligned}$$

$$\begin{aligned} & \left( \underline{6.4 - (-0.6)} \right) \div (-0.4) \times (-4.4) + (-4.2)^2 \\ &= 7 \div (-0.4) \times (-4.4) + \underline{(-4.2)^2} \\ &= \underline{7 \div (-0.4)} \times (-4.4) + 17.64 \\ &= \underline{(-17.5) \times (-4.4)} + 17.64 \\ &= \underline{77 + 17.64} \\ &= \underline{94.64} \end{aligned}$$