

Orden de Operaciones con Decimales (J)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left((-2.3) + (-7.2) - (-1.9)^2\right) \div 5.7$$

$$(4.9)^2 + 5.1 \times (9.2 - 0.5)$$

$$\left(2.2 + (-0.6)^2 - 1.4\right) \times (-2.5)$$

$$(-5.5)^2 + (-4.3) \times ((-7.1) - (-3.9))$$

$$(6.1 + (-1.1)) \times ((-6.8) - (-2.7))^2$$

$$0.5 \times \left((-8.1) - 4.4 + (0.4)^2\right)$$

$$0.4 - (-1.7) \times ((-3.6) + 1.6)^3$$

$$(-1.8)^2 + 2.5 \times ((-4.5) - (-7.7))$$

Orden de Operaciones con Decimales (J) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & ((-2.3) + (-7.2) - (-1.9)^2) \div 5.7 \\ & = ((-2.3) + (-7.2) - 3.61) \div 5.7 \\ & = ((-9.5) - 3.61) \div 5.7 \\ & = (-13.11) \div 5.7 \\ & = -2.3 \end{aligned}$$

$$\begin{aligned} & (4.9)^2 + 5.1 \times (9.2 - 0.5) \\ & = (4.9)^2 + 5.1 \times 8.7 \\ & = 24.01 + 5.1 \times 8.7 \\ & = 24.01 + 44.37 \\ & = 68.38 \end{aligned}$$

$$\begin{aligned} & (2.2 + (-0.6)^2 - 1.4) \times (-2.5) \\ & = (2.2 + 0.36 - 1.4) \times (-2.5) \\ & = (2.56 - 1.4) \times (-2.5) \\ & = 1.16 \times (-2.5) \\ & = -2.9 \end{aligned}$$

$$\begin{aligned} & (-5.5)^2 + (-4.3) \times ((-7.1) - (-3.9)) \\ & = (-5.5)^2 + (-4.3) \times (-3.2) \\ & = 30.25 + (-4.3) \times (-3.2) \\ & = 30.25 + 13.76 \\ & = 44.01 \end{aligned}$$

$$\begin{aligned} & (6.1 + (-1.1)) \times ((-6.8) - (-2.7))^2 \\ & = 5 \times ((-6.8) - (-2.7))^2 \\ & = 5 \times (-4.1)^2 \\ & = 5 \times 16.81 \\ & = 84.05 \end{aligned}$$

$$\begin{aligned} & 0.5 \times ((-8.1) - 4.4 + (0.4)^2) \\ & = 0.5 \times ((-8.1) - 4.4 + 0.16) \\ & = 0.5 \times (-12.5 + 0.16) \\ & = 0.5 \times (-12.34) \\ & = -6.17 \end{aligned}$$

$$\begin{aligned} & 0.4 - (-1.7) \times ((-3.6) + 1.6)^3 \\ & = 0.4 - (-1.7) \times (-2)^3 \\ & = 0.4 - (-1.7) \times (-8) \\ & = 0.4 - 13.6 \\ & = -13.2 \end{aligned}$$

$$\begin{aligned} & (-1.8)^2 + 2.5 \times ((-4.5) - (-7.7)) \\ & = (-1.8)^2 + 2.5 \times 3.2 \\ & = 3.24 + 2.5 \times 3.2 \\ & = 3.24 + 8 \\ & = 11.24 \end{aligned}$$