

Orden de Operaciones con Decimales (C)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$1.8 \div 2.4 \times (7.1 - (1.6)^2 + (-3.1))$$

$$(3.3)^2 \div 5.5 \times (5.4 - (-8.7) + 5.9)$$

$$((-2.5) + (0.9)^2 - 3.2) \div ((-0.5) \times (-0.4))$$

$$(9.7)^2 + 4.3 \times (4.6 \div (-2.3) - 3.9)$$

$$(5.7)^2 \times ((-6.6) + (-0.3) \div 0.6 - (-8.1))$$

$$((6.1 - 2.8 + (-3.7))^2 \div 0.8) \times 1.6$$

Orden de Operaciones con Decimales (C) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 1.8 \div 2.4 \times (7.1 - \underline{(1.6)^2} + (-3.1)) \\ & = 1.8 \div 2.4 \times (\underline{7.1 - 2.56} + (-3.1)) \\ & = 1.8 \div 2.4 \times (\underline{4.54 + (-3.1)}) \\ & = \underline{1.8 \div 2.4} \times 1.44 \\ & = \underline{0.75 \times 1.44} \\ & = \underline{1.08} \end{aligned}$$

$$\begin{aligned} & (3.3)^2 \div 5.5 \times (\underline{5.4 - (-8.7)} + 5.9) \\ & = (3.3)^2 \div 5.5 \times (\underline{14.1 + 5.9}) \\ & = \underline{(3.3)^2} \div 5.5 \times 20 \\ & = \underline{10.89 \div 5.5} \times 20 \\ & = \underline{1.98 \times 20} \\ & = \underline{39.6} \end{aligned}$$

$$\begin{aligned} & ((-2.5) + \underline{(0.9)^2} - 3.2) \div ((-0.5) \times (-0.4)) \\ & = (\underline{(-2.5) + 0.81} - 3.2) \div ((-0.5) \times (-0.4)) \\ & = (\underline{(-1.69) - 3.2}) \div ((-0.5) \times (-0.4)) \\ & = (-4.89) \div (\underline{(-0.5) \times (-0.4)}) \\ & = \underline{(-4.89) \div 0.2} \\ & = \underline{-24.45} \end{aligned}$$

$$\begin{aligned} & (9.7)^2 + 4.3 \times (\underline{4.6 \div (-2.3)} - 3.9) \\ & = (9.7)^2 + 4.3 \times (\underline{(-2) - 3.9}) \\ & = \underline{(9.7)^2} + 4.3 \times (-5.9) \\ & = 94.09 + \underline{4.3 \times (-5.9)} \\ & = \underline{94.09 + (-25.37)} \\ & = \underline{68.72} \end{aligned}$$

$$\begin{aligned} & (5.7)^2 \times ((-6.6) + \underline{(-0.3) \div 0.6} - (-8.1)) \\ & = (5.7)^2 \times (\underline{(-6.6) + (-0.5)} - (-8.1)) \\ & = (5.7)^2 \times (\underline{(-7.1) - (-8.1)}) \\ & = \underline{(5.7)^2} \times 1 \\ & = \underline{32.49 \times 1} \\ & = \underline{32.49} \end{aligned}$$

$$\begin{aligned} & ((\underline{6.1 - 2.8} + (-3.7))^2 \div 0.8) \times 1.6 \\ & = \left((\underline{3.3 + (-3.7)})^2 \div 0.8 \right) \times 1.6 \\ & = (\underline{(-0.4)^2} \div 0.8) \times 1.6 \\ & = (\underline{0.16 \div 0.8}) \times 1.6 \\ & = \underline{0.2 \times 1.6} \\ & = \underline{0.32} \end{aligned}$$