

Orden de Operaciones con Decimales (A)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(0.5 - (-8.7) \times (-8.3)) \div ((0.6)^2 + (-4.4)) \quad (-7.7)^2 \div ((-0.5) \times 5.6 + (-2.4) - (-0.3))$$

$$9.9 + (-7.5) \times ((-3.5) \div 0.7 - (0.4)^2)$$

$$4.6 + (4.5)^2 \div (5.3 - 8.3) \times (-4.6)$$

$$(-8.4) \times ((-1.2) + 0.3) \div ((2.9)^2 - 8.2)$$

$$((7.8)^2 + 3.3 \times 7.4) \div ((-5.5) - (-2.7))$$

Orden de Operaciones con Decimales (A) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (0.5 - \underline{(-8.7) \times (-8.3)}) \div ((0.6)^2 + (-4.4)) & (-7.7)^2 \div (\underline{(-0.5) \times 5.6} + (-2.4) - (-0.3)) \\ & = \underline{0.5 - 72.21} \div ((0.6)^2 + (-4.4)) & = (-7.7)^2 \div (\underline{(-2.8) + (-2.4)} - (-0.3)) \\ & = (-71.71) \div (\underline{(0.6)^2} + (-4.4)) & = (-7.7)^2 \div (\underline{(-5.2) - (-0.3)}) \\ & = (-71.71) \div (\underline{0.36 + (-4.4)}) & = \underline{(-7.7)^2} \div (-4.9) \\ & = \underline{(-71.71) \div (-4.04)} & = \underline{59.29 \div (-4.9)} \\ & = 17.75 & = -12.1 \end{aligned}$$

$$\begin{aligned} & 9.9 + (-7.5) \times ((-3.5) \div 0.7 - \underline{(0.4)^2}) & 4.6 + (4.5)^2 \div \underline{(5.3 - 8.3)} \times (-4.6) \\ & = 9.9 + (-7.5) \times (\underline{(-3.5) \div 0.7} - 0.16) & = 4.6 + \underline{(4.5)^2} \div (-3) \times (-4.6) \\ & = 9.9 + (-7.5) \times (\underline{(-5) - 0.16}) & = 4.6 + \underline{20.25 \div (-3)} \times (-4.6) \\ & = 9.9 + \underline{(-7.5) \times (-5.16)} & = 4.6 + \underline{(-6.75) \times (-4.6)} \\ & = \underline{9.9 + 38.7} & = \underline{4.6 + 31.05} \\ & = 48.6 & = 35.65 \end{aligned}$$

$$\begin{aligned} & (-8.4) \times (\underline{(-1.2) + 0.3}) \div ((2.9)^2 - 8.2) & (\underline{(7.8)^2} + 3.3 \times 7.4) \div ((-5.5) - (-2.7)) \\ & = (-8.4) \times (-0.9) \div (\underline{(2.9)^2} - 8.2) & = (60.84 + \underline{3.3 \times 7.4}) \div ((-5.5) - (-2.7)) \\ & = (-8.4) \times (-0.9) \div (\underline{8.41 - 8.2}) & = (\underline{60.84 + 24.42}) \div ((-5.5) - (-2.7)) \\ & = \underline{(-8.4) \times (-0.9)} \div 0.21 & = 85.26 \div (\underline{(-5.5) - (-2.7)}) \\ & = \underline{7.56 \div 0.21} & = \underline{85.26 \div (-2.8)} \\ & = 36 & = -30.45 \end{aligned}$$