

Orden de Operaciones con Decimales (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(7.5 + 3.2) \times (1.2 - 2.2)^2$$

$$(-5.4) - 8.6 \times ((-0.8) + 2.8)^2$$

$$(6.9 - (-8.1)) \times ((-6.9) + 5.6)^2$$

$$(5.2 - 5.8)^2 \div (6.8 + (-3.8))$$

$$(-7.3) + (9.4)^2 \div (4.7 \times 1.6)$$

$$\left((-5.6)^2 - (-2.7) + (-1.9) \right) \div (-6.7)$$

$$2.4 - (-8.4)^2 \div ((-5.4) + (-3.6))$$

$$9.6 \times (((-6.7) + 6.9) \div (-0.2))^2$$

Orden de Operaciones con Decimales (D) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (\underline{7.5 + 3.2}) \times (1.2 - 2.2)^2 \\ &= 10.7 \times (\underline{1.2 - 2.2})^2 \\ &= 10.7 \times (\underline{-1})^2 \\ &= \underline{10.7 \times 1} \\ &= \underline{10.7} \end{aligned}$$

$$\begin{aligned} & (-5.4) - 8.6 \times ((\underline{-0.8}) + 2.8)^2 \\ &= (-5.4) - 8.6 \times \underline{2^2} \\ &= (-5.4) - \underline{8.6 \times 4} \\ &= \underline{(-5.4) - 34.4} \\ &= \underline{-39.8} \end{aligned}$$

$$\begin{aligned} & (\underline{6.9 - (-8.1)}) \times ((-6.9) + 5.6)^2 \\ &= 15 \times (\underline{(-6.9) + 5.6})^2 \\ &= 15 \times (\underline{-1.3})^2 \\ &= \underline{15 \times 1.69} \\ &= \underline{25.35} \end{aligned}$$

$$\begin{aligned} & (\underline{5.2 - 5.8})^2 \div (6.8 + (-3.8)) \\ &= (-0.6)^2 \div (\underline{6.8 + (-3.8)}) \\ &= \underline{(-0.6)^2} \div 3 \\ &= \underline{0.36 \div 3} \\ &= \underline{0.12} \end{aligned}$$

$$\begin{aligned} & (-7.3) + (9.4)^2 \div (\underline{4.7 \times 1.6}) \\ &= (-7.3) + (\underline{9.4})^2 \div 7.52 \\ &= (-7.3) + \underline{88.36 \div 7.52} \\ &= \underline{(-7.3) + 11.75} \\ &= \underline{4.45} \end{aligned}$$

$$\begin{aligned} & (\underline{(-5.6)^2} - (-2.7) + (-1.9)) \div (-6.7) \\ &= (\underline{31.36} - (\underline{-2.7}) + (-1.9)) \div (-6.7) \\ &= (\underline{34.06} + (-1.9)) \div (-6.7) \\ &= \underline{32.16 \div (-6.7)} \\ &= \underline{-4.8} \end{aligned}$$

$$\begin{aligned} & 2.4 - (-8.4)^2 \div ((\underline{-5.4}) + (\underline{-3.6})) \\ &= 2.4 - (\underline{-8.4})^2 \div (-9) \\ &= 2.4 - \underline{70.56 \div (-9)} \\ &= \underline{2.4 - (-7.84)} \\ &= \underline{10.24} \end{aligned}$$

$$\begin{aligned} & 9.6 \times \left((\underline{(-6.7) + 6.9}) \div (-0.2) \right)^2 \\ &= 9.6 \times \left(\underline{0.2 \div (-0.2)} \right)^2 \\ &= 9.6 \times (\underline{-1})^2 \\ &= \underline{9.6 \times 1} \\ &= \underline{9.6} \end{aligned}$$