

Orden de Operaciones con Decimales (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(2.1)^2 - 6.4 \times 3.3 \div (6.1 + 5.9)$$

$$\left((2.8)^2 \div 2.8 + 4.7 \right) \times 9.6 - 4.8$$

$$\left((7.5 + 2.8 - 9.7)^2 \times 6.5 \right) \div 5.2$$

$$7.9 + 1.9 \div (5.6 - 3.7) \times (2.8)^2$$

$$8.4 \div (8.7 - 3.1) \times (4.6)^2 + 2.5$$

$$\left(9.2 + 2.2 - (6.6)^2 \div 9.9 \right) \times 4.1$$

$$\left((3.6)^2 \div 1.6 - 4.2 \right) \times 6.9 + 2.1$$

$$\left((2.2 + 8.9) \div 7.4 \right)^2 \times 5.4 - 6.4$$

Orden de Operaciones con Decimales (D) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (2.1)^2 - 6.4 \times 3.3 \div (6.1 + 5.9) \\ &= \underline{(2.1)^2} - 6.4 \times 3.3 \div 12 \\ &= 4.41 - \underline{6.4 \times 3.3} \div 12 \\ &= 4.41 - \underline{21.12 \div 12} \\ &= \underline{4.41 - 1.76} \\ &= \underline{2.65} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(2.8)^2} \div 2.8 + 4.7 \right) \times 9.6 - 4.8 \\ &= \underline{(7.84 \div 2.8} + 4.7) \times 9.6 - 4.8 \\ &= \underline{(2.8 + 4.7)} \times 9.6 - 4.8 \\ &= \underline{7.5 \times 9.6} - 4.8 \\ &= \underline{72 - 4.8} \\ &= \underline{67.2} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(7.5 + 2.8} - 9.7)^2 \times 6.5 \right) \div 5.2 \\ &= \left(\underline{(10.3 - 9.7)^2} \times 6.5 \right) \div 5.2 \\ &= \left(\underline{(0.6)^2} \times 6.5 \right) \div 5.2 \\ &= \underline{(0.36 \times 6.5)} \div 5.2 \\ &= \underline{2.34 \div 5.2} \\ &= \underline{0.45} \end{aligned}$$

$$\begin{aligned} & 7.9 + 1.9 \div \underline{(5.6 - 3.7)} \times (2.8)^2 \\ &= 7.9 + 1.9 \div 1.9 \times \underline{(2.8)^2} \\ &= 7.9 + \underline{1.9 \div 1.9} \times 7.84 \\ &= 7.9 + \underline{1 \times 7.84} \\ &= \underline{7.9 + 7.84} \\ &= \underline{15.74} \end{aligned}$$

$$\begin{aligned} & 8.4 \div \underline{(8.7 - 3.1)} \times (4.6)^2 + 2.5 \\ &= 8.4 \div 5.6 \times \underline{(4.6)^2} + 2.5 \\ &= \underline{8.4 \div 5.6} \times 21.16 + 2.5 \\ &= \underline{1.5 \times 21.16} + 2.5 \\ &= \underline{31.74 + 2.5} \\ &= \underline{34.24} \end{aligned}$$

$$\begin{aligned} & \left(9.2 + 2.2 - \underline{(6.6)^2} \div 9.9 \right) \times 4.1 \\ &= (9.2 + 2.2 - \underline{43.56 \div 9.9}) \times 4.1 \\ &= \underline{(9.2 + 2.2} - 4.4) \times 4.1 \\ &= \underline{(11.4 - 4.4)} \times 4.1 \\ &= \underline{7 \times 4.1} \\ &= \underline{28.7} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(3.6)^2} \div 1.6 - 4.2 \right) \times 6.9 + 2.1 \\ &= \underline{(12.96 \div 1.6} - 4.2) \times 6.9 + 2.1 \\ &= \underline{(8.1 - 4.2)} \times 6.9 + 2.1 \\ &= \underline{3.9 \times 6.9} + 2.1 \\ &= \underline{26.91 + 2.1} \\ &= \underline{29.01} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(2.2 + 8.9)} \div 7.4 \right)^2 \times 5.4 - 6.4 \\ &= \underline{(11.1 \div 7.4)^2} \times 5.4 - 6.4 \\ &= \underline{(1.5)^2} \times 5.4 - 6.4 \\ &= \underline{2.25 \times 5.4} - 6.4 \\ &= \underline{12.15 - 6.4} \\ &= \underline{5.75} \end{aligned}$$