

Orden de Operaciones con Decimales (C)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$2.5 \times 3.9 + (1.9)^2 \div (9.6 - 9.5)$$

$$\left((6.6)^2 \div 2.2 \right) \times 1.3 + 1.7 - 5.5$$

$$\left(5.8 \times 2.4 - (1.2)^2 \right) \div 1.3 + 7.9$$

$$(5.5)^2 - 7.2 \times ((4.2 + 5.7) \div 4.4)$$

$$(5.6)^2 \div 1.4 + 9.8 \times (5.7 - 3.8)$$

$$(4.1 + 2.7 - 6.8) \div (1.4)^2 \times 7.9$$

$$\left((3.6)^2 - 8.4 \div 2.8 \right) \times (1.8 + 8.2)$$

$$\left((5.3)^2 + 4.3 \right) \div 4.1 \times 1.3 - 8.9$$

Orden de Operaciones con Decimales (C) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 2.5 \times 3.9 + (1.9)^2 \div (9.6 - 9.5) \\ & = 2.5 \times 3.9 + (1.9)^2 \div 0.1 \\ & = \underline{2.5 \times 3.9} + 3.61 \div 0.1 \\ & = 9.75 + \underline{3.61 \div 0.1} \\ & = \underline{9.75 + 36.1} \\ & = 45.85 \end{aligned}$$

$$\begin{aligned} & ((6.6)^2 \div 2.2) \times 1.3 + 1.7 - 5.5 \\ & = (\underline{43.56 \div 2.2}) \times 1.3 + 1.7 - 5.5 \\ & = \underline{19.8 \times 1.3} + 1.7 - 5.5 \\ & = \underline{25.74 + 1.7} - 5.5 \\ & = \underline{27.44 - 5.5} \\ & = 21.94 \end{aligned}$$

$$\begin{aligned} & (5.8 \times 2.4 - (1.2)^2) \div 1.3 + 7.9 \\ & = (\underline{5.8 \times 2.4} - 1.44) \div 1.3 + 7.9 \\ & = (\underline{13.92 - 1.44}) \div 1.3 + 7.9 \\ & = \underline{12.48 \div 1.3} + 7.9 \\ & = \underline{9.6 + 7.9} \\ & = 17.5 \end{aligned}$$

$$\begin{aligned} & (5.5)^2 - 7.2 \times ((4.2 + 5.7) \div 4.4) \\ & = (5.5)^2 - 7.2 \times (\underline{9.9 \div 4.4}) \\ & = (\underline{5.5})^2 - 7.2 \times 2.25 \\ & = 30.25 - \underline{7.2 \times 2.25} \\ & = \underline{30.25 - 16.2} \\ & = 14.05 \end{aligned}$$

$$\begin{aligned} & (5.6)^2 \div 1.4 + 9.8 \times (5.7 - 3.8) \\ & = (\underline{5.6})^2 \div 1.4 + 9.8 \times 1.9 \\ & = \underline{31.36 \div 1.4} + 9.8 \times 1.9 \\ & = 22.4 + \underline{9.8 \times 1.9} \\ & = \underline{22.4 + 18.62} \\ & = 41.02 \end{aligned}$$

$$\begin{aligned} & (4.1 + 2.7 - 6.8) \div (1.4)^2 \times 7.9 \\ & = (\underline{6.8 - 6.8}) \div (1.4)^2 \times 7.9 \\ & = 0 \div (\underline{1.4})^2 \times 7.9 \\ & = \underline{0 \div 1.96} \times 7.9 \\ & = \underline{0 \times 7.9} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & ((3.6)^2 - 8.4 \div 2.8) \times (1.8 + 8.2) \\ & = (12.96 - \underline{8.4 \div 2.8}) \times (1.8 + 8.2) \\ & = (\underline{12.96 - 3}) \times (1.8 + 8.2) \\ & = 9.96 \times (\underline{1.8 + 8.2}) \\ & = \underline{9.96 \times 10} \\ & = 99.6 \end{aligned}$$

$$\begin{aligned} & ((5.3)^2 + 4.3) \div 4.1 \times 1.3 - 8.9 \\ & = (\underline{28.09 + 4.3}) \div 4.1 \times 1.3 - 8.9 \\ & = \underline{32.39 \div 4.1} \times 1.3 - 8.9 \\ & = \underline{7.9 \times 1.3} - 8.9 \\ & = \underline{10.27 - 8.9} \\ & = 1.37 \end{aligned}$$