

Orden de Operaciones con Decimales (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(7.2 + 1.1 - 4.5) \times (1.8 \div (7.8 - 6.9))^3$$

$$(4.2 \div 0.2) \times (0.5)^2 - 0.8 + (7.1)^2$$

$$(4.6)^2 - (4.5)^2 + 8.6 \times (5.4 \div 2.7)$$

$$(6.6 + (5.3)^2 - (1.9)^2) \div (1.4 \times 0.6)$$

$$(3.9 + 7.4) \times 1.6 \div 1.6 - 9.8 + (8.7)^2$$

$$(7.2 \div (9.2 + 2.1 - 4.1))^2 \times (6.7)^2$$

Orden de Operaciones con Decimales (H) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (\underline{7.2 + 1.1} - 4.5) \times (1.8 \div (7.8 - 6.9))^3 \\ & = \underline{(8.3 - 4.5)} \times (1.8 \div (7.8 - 6.9))^3 \\ & = 3.8 \times (1.8 \div \underline{(7.8 - 6.9)})^3 \\ & = 3.8 \times \underline{(1.8 \div 0.9)}^3 \\ & = 3.8 \times \underline{2^3} \\ & = \underline{3.8 \times 8} \\ & = \underline{30.4} \end{aligned}$$

$$\begin{aligned} & (\underline{4.2 \div 0.2}) \times (0.5)^2 - 0.8 + (7.1)^2 \\ & = 21 \times \underline{(0.5)^2} - 0.8 + (7.1)^2 \\ & = 21 \times 0.25 - 0.8 + \underline{(7.1)^2} \\ & = \underline{21 \times 0.25} - 0.8 + 50.41 \\ & = \underline{5.25 - 0.8} + 50.41 \\ & = \underline{4.45 + 50.41} \\ & = \underline{54.86} \end{aligned}$$

$$\begin{aligned} & (4.6)^2 - (4.5)^2 + 8.6 \times \underline{(5.4 \div 2.7)} \\ & = \underline{(4.6)^2} - (4.5)^2 + 8.6 \times 2 \\ & = 21.16 - \underline{(4.5)^2} + 8.6 \times 2 \\ & = 21.16 - 20.25 + \underline{8.6 \times 2} \\ & = \underline{21.16 - 20.25} + 17.2 \\ & = \underline{0.91 + 17.2} \\ & = \underline{18.11} \end{aligned}$$

$$\begin{aligned} & (6.6 + \underline{(5.3)^2} - (1.9)^2) \div (1.4 \times 0.6) \\ & = (6.6 + 28.09 - \underline{(1.9)^2}) \div (1.4 \times 0.6) \\ & = \underline{(6.6 + 28.09} - 3.61) \div (1.4 \times 0.6) \\ & = \underline{(34.69 - 3.61)} \div (1.4 \times 0.6) \\ & = 31.08 \div \underline{(1.4 \times 0.6)} \\ & = \underline{31.08 \div 0.84} \\ & = \underline{37} \end{aligned}$$

$$\begin{aligned} & \underline{(3.9 + 7.4)} \times 1.6 \div 1.6 - 9.8 + (8.7)^2 \\ & = 11.3 \times 1.6 \div 1.6 - 9.8 + \underline{(8.7)^2} \\ & = \underline{11.3 \times 1.6} \div 1.6 - 9.8 + 75.69 \\ & = \underline{18.08 \div 1.6} - 9.8 + 75.69 \\ & = \underline{11.3 - 9.8} + 75.69 \\ & = \underline{1.5 + 75.69} \\ & = \underline{77.19} \end{aligned}$$

$$\begin{aligned} & (7.2 \div \underline{(9.2 + 2.1 - 4.1)})^2 \times (6.7)^2 \\ & = (7.2 \div \underline{(11.3 - 4.1)})^2 \times (6.7)^2 \\ & = \underline{(7.2 \div 7.2)}^2 \times (6.7)^2 \\ & = \underline{1^2} \times (6.7)^2 \\ & = 1 \times \underline{(6.7)^2} \\ & = \underline{1 \times 44.89} \\ & = \underline{44.89} \end{aligned}$$