

Orden de Operaciones con Decimales (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(4.9)^2 + 2.2 \div (9.2 - 4.8)$$

$$(5.5)^2 + 2.8 \times (6.4 - 1.7)$$

$$(2.5)^2 + 2.5 \times (9.9 - 3.5)$$

$$(2.8 - 2.8) \times 3.75 + (4.5)^2$$

$$3.5 \times (7.7 - 5.1 + (1.8)^2)$$

$$(1.7)^2 + 9.7 \times (6.5 - 3.1)$$

$$6.1 + (1.5)^2 \times (9.9 - 3.5)$$

$$(5.9 - 5.3) \times 7.2 + (1.4)^2$$

Orden de Operaciones con Decimales (H) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned}(4.9)^2 + 2.2 \div (9.2 - 4.8) \\ &= (4.9)^2 + 2.2 \div 4.4 \\ &= 24.01 + 2.2 \div 4.4 \\ &= 24.01 + 0.5 \\ &= 24.51\end{aligned}$$

$$\begin{aligned}(5.5)^2 + 2.8 \times (6.4 - 1.7) \\ &= (5.5)^2 + 2.8 \times 4.7 \\ &= 30.25 + 2.8 \times 4.7 \\ &= 30.25 + 13.16 \\ &= 43.41\end{aligned}$$

$$\begin{aligned}(2.5)^2 + 2.5 \times (9.9 - 3.5) \\ &= (2.5)^2 + 2.5 \times 6.4 \\ &= 6.25 + 2.5 \times 6.4 \\ &= 6.25 + 16 \\ &= 22.25\end{aligned}$$

$$\begin{aligned}(2.8 - 2.8) \times 3.75 + (4.5)^2 \\ &= 0 \times 3.75 + (4.5)^2 \\ &= 0 \times 3.75 + 20.25 \\ &= 0 + 20.25 \\ &= 20.25\end{aligned}$$

$$\begin{aligned}3.5 \times (7.7 - 5.1 + (1.8)^2) \\ &= 3.5 \times (7.7 - 5.1 + 3.24) \\ &= 3.5 \times (2.6 + 3.24) \\ &= 3.5 \times 5.84 \\ &= 20.44\end{aligned}$$

$$\begin{aligned}(1.7)^2 + 9.7 \times (6.5 - 3.1) \\ &= (1.7)^2 + 9.7 \times 3.4 \\ &= 2.89 + 9.7 \times 3.4 \\ &= 2.89 + 32.98 \\ &= 35.87\end{aligned}$$

$$\begin{aligned}6.1 + (1.5)^2 \times (9.9 - 3.5) \\ &= 6.1 + (1.5)^2 \times 6.4 \\ &= 6.1 + 2.25 \times 6.4 \\ &= 6.1 + 14.4 \\ &= 20.5\end{aligned}$$

$$\begin{aligned}(5.9 - 5.3) \times 7.2 + (1.4)^2 \\ &= 0.6 \times 7.2 + (1.4)^2 \\ &= 0.6 \times 7.2 + 1.96 \\ &= 4.32 + 1.96 \\ &= 6.28\end{aligned}$$