

Orden de Operaciones con Decimales (E)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(2.2)^2 \times (5.9 + 4.6) \div 1.1$$

$$(4.1 + (5.5)^2) \div 1.5 - 1.4$$

$$1.25 - 2.1 \times ((1.6)^2 \div 6.4)$$

$$5.4 \times (5.8 + (1.5)^2 - 7.5)$$

$$8.5 \times ((1.6)^2 + 2.4 - 2.1)$$

$$(6.5)^2 \times (1.7 + 2.6 - 3.1)$$

$$(1.3 + (5.5)^2) \times 1.6 - 1.2$$

$$(3.75 + 4.7 - 7.7) \times (9.2)^2$$

Orden de Operaciones con Decimales (E) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned}(2.2)^2 &\times (5.9 + 4.6) \div 1.1 \\ &= (2.2)^2 \times 10.5 \div 1.1 \\ &= 4.84 \times 10.5 \div 1.1 \\ &= 50.82 \div 1.1 \\ &= 46.2\end{aligned}$$

$$\begin{aligned}(4.1 + (5.5)^2) &\div 1.5 - 1.4 \\ &= (4.1 + 30.25) \div 1.5 - 1.4 \\ &= 34.35 \div 1.5 - 1.4 \\ &= 22.9 - 1.4 \\ &= 21.5\end{aligned}$$

$$\begin{aligned}1.25 - 2.1 \times ((1.6)^2 \div 6.4) \\ &= 1.25 - 2.1 \times (2.56 \div 6.4) \\ &= 1.25 - 2.1 \times 0.4 \\ &= 1.25 - 0.84 \\ &= 0.41\end{aligned}$$

$$\begin{aligned}5.4 \times (5.8 + (1.5)^2 - 7.5) \\ &= 5.4 \times (5.8 + 2.25 - 7.5) \\ &= 5.4 \times (8.05 - 7.5) \\ &= 5.4 \times 0.55 \\ &= 2.97\end{aligned}$$

$$\begin{aligned}8.5 \times ((1.6)^2 + 2.4 - 2.1) \\ &= 8.5 \times (2.56 + 2.4 - 2.1) \\ &= 8.5 \times (4.96 - 2.1) \\ &= 8.5 \times 2.86 \\ &= 24.31\end{aligned}$$

$$\begin{aligned}(6.5)^2 \times (1.7 + 2.6 - 3.1) \\ &= (6.5)^2 \times (4.3 - 3.1) \\ &= (6.5)^2 \times 1.2 \\ &= 42.25 \times 1.2 \\ &= 50.7\end{aligned}$$

$$\begin{aligned}(1.3 + (5.5)^2) \times 1.6 - 1.2 \\ &= (1.3 + 30.25) \times 1.6 - 1.2 \\ &= 31.55 \times 1.6 - 1.2 \\ &= 50.48 - 1.2 \\ &= 49.28\end{aligned}$$

$$\begin{aligned}(3.75 + 4.7 - 7.7) \times (9.2)^2 \\ &= (8.45 - 7.7) \times (9.2)^2 \\ &= 0.75 \times (9.2)^2 \\ &= 0.75 \times 84.64 \\ &= 63.48\end{aligned}$$