

Orden de Operaciones con Decimales (G)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$((9.4 - 5.9) \div (5.4 + 1.6))^2 \times 1.2 \times 9.9$$

$$((1.5)^2 \times 6.6) \div (9.8 + 8.6 - (3.8)^2)$$

$$((2.8)^2 + (6.6)^2 - 9.2) \times (2.1 \div 1.2)$$

$$(7.5)^2 + 2.4 - (0.6)^2 \times (2.9 \div 0.2)$$

$$6.8 \times 5.2 - (2.3)^2 + 9.9 \div (2.5 \times 4.5)$$

$$(9.6 \div 0.75) \times (5.8 + (8.1)^2 - (8.4)^2)$$

Orden de Operaciones con Decimales (G) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & ((9.4 - 5.9) \div (5.4 + 1.6))^2 \times 1.2 \times 9.9 \\ &= (3.5 \div (5.4 + 1.6))^2 \times 1.2 \times 9.9 \\ &= (3.5 \div 7)^2 \times 1.2 \times 9.9 \\ &= (0.5)^2 \times 1.2 \times 9.9 \\ &= 0.25 \times 1.2 \times 9.9 \\ &= 0.3 \times 9.9 \\ &= 2.97 \end{aligned}$$

$$\begin{aligned} & ((1.5)^2 \times 6.6) \div (9.8 + 8.6 - (3.8)^2) \\ &= (2.25 \times 6.6) \div (9.8 + 8.6 - (3.8)^2) \\ &= 14.85 \div (9.8 + 8.6 - (3.8)^2) \\ &= 14.85 \div (9.8 + 8.6 - 14.44) \\ &= 14.85 \div (18.4 - 14.44) \\ &= 14.85 \div 3.96 \\ &= 3.75 \end{aligned}$$

$$\begin{aligned} & ((2.8)^2 + (6.6)^2 - 9.2) \times (2.1 \div 1.2) \\ &= (7.84 + (6.6)^2 - 9.2) \times (2.1 \div 1.2) \\ &= (7.84 + 43.56 - 9.2) \times (2.1 \div 1.2) \\ &= (51.4 - 9.2) \times (2.1 \div 1.2) \\ &= 42.2 \times (2.1 \div 1.2) \\ &= 42.2 \times 1.75 \\ &= 73.85 \end{aligned}$$

$$\begin{aligned} & (7.5)^2 + 2.4 - (0.6)^2 \times (2.9 \div 0.2) \\ &= (7.5)^2 + 2.4 - (0.6)^2 \times 14.5 \\ &= 56.25 + 2.4 - (0.6)^2 \times 14.5 \\ &= 56.25 + 2.4 - 0.36 \times 14.5 \\ &= 56.25 + 2.4 - 5.22 \\ &= 58.65 - 5.22 \\ &= 53.43 \end{aligned}$$

$$\begin{aligned} & 6.8 \times 5.2 - (2.3)^2 + 9.9 \div (2.5 \times 4.5) \\ &= 6.8 \times 5.2 - (2.3)^2 + 9.9 \div 11.25 \\ &= 6.8 \times 5.2 - 5.29 + 9.9 \div 11.25 \\ &= 35.36 - 5.29 + 9.9 \div 11.25 \\ &= 35.36 - 5.29 + 0.88 \\ &= 30.07 + 0.88 \\ &= 30.95 \end{aligned}$$

$$\begin{aligned} & (9.6 \div 0.75) \times (5.8 + (8.1)^2 - (8.4)^2) \\ &= 12.8 \times (5.8 + (8.1)^2 - (8.4)^2) \\ &= 12.8 \times (5.8 + 65.61 - (8.4)^2) \\ &= 12.8 \times (5.8 + 65.61 - 70.56) \\ &= 12.8 \times (71.41 - 70.56) \\ &= 12.8 \times 0.85 \\ &= 10.88 \end{aligned}$$