

Orden de Operaciones con Decimales (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$((4.5 + 2.1) \div 3.75) \times (3.7 - 1.4 + 5.2)^2$$

$$(8.3 - (1.3)^2) \times ((2.3 + 5.8) \div 2.7)^2$$

$$(8.4 \div 1.2) \times 6.7 + 1.1 - (4.1)^2 - 3.9$$

$$((8.8 + 1.6) \times 8.5) \div (9.2 - 2.4 - 5.8)^3$$

$$(3.1)^2 + 4.7 \times 1.9 \div (9.3 - 4.6) \times 6.9$$

$$(3.9 \div (6.9 - 5.9)^3) \times (9.2 + 2.7 + 5.6)$$

Orden de Operaciones con Decimales (D) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & ((4.5 + 2.1) \div 3.75) \times (3.7 - 1.4 + 5.2)^2 \\ &= (6.6 \div 3.75) \times (3.7 - 1.4 + 5.2)^2 \\ &= 1.76 \times (3.7 - 1.4 + 5.2)^2 \\ &= 1.76 \times (2.3 + 5.2)^2 \\ &= 1.76 \times (7.5)^2 \\ &= 1.76 \times 56.25 \\ &= 99 \end{aligned}$$

$$\begin{aligned} & (8.3 - (1.3)^2) \times ((2.3 + 5.8) \div 2.7)^2 \\ &= (8.3 - 1.69) \times ((2.3 + 5.8) \div 2.7)^2 \\ &= 6.61 \times ((2.3 + 5.8) \div 2.7)^2 \\ &= 6.61 \times (8.1 \div 2.7)^2 \\ &= 6.61 \times 3^2 \\ &= 6.61 \times 9 \\ &= 59.49 \end{aligned}$$

$$\begin{aligned} & (8.4 \div 1.2) \times 6.7 + 1.1 - (4.1)^2 - 3.9 \\ &= 7 \times 6.7 + 1.1 - (4.1)^2 - 3.9 \\ &= 7 \times 6.7 + 1.1 - 16.81 - 3.9 \\ &= 46.9 + 1.1 - 16.81 - 3.9 \\ &= 48 - 16.81 - 3.9 \\ &= 31.19 - 3.9 \\ &= 27.29 \end{aligned}$$

$$\begin{aligned} & ((8.8 + 1.6) \times 8.5) \div (9.2 - 2.4 - 5.8)^3 \\ &= (10.4 \times 8.5) \div (9.2 - 2.4 - 5.8)^3 \\ &= 88.4 \div (9.2 - 2.4 - 5.8)^3 \\ &= 88.4 \div (6.8 - 5.8)^3 \\ &= 88.4 \div 1^3 \\ &= 88.4 \div 1 \\ &= 88.4 \end{aligned}$$

$$\begin{aligned} & (3.1)^2 + 4.7 \times 1.9 \div (9.3 - 4.6) \times 6.9 \\ &= (3.1)^2 + 4.7 \times 1.9 \div 4.7 \times 6.9 \\ &= 9.61 + 4.7 \times 1.9 \div 4.7 \times 6.9 \\ &= 9.61 + 8.93 \div 4.7 \times 6.9 \\ &= 9.61 + 1.9 \times 6.9 \\ &= 9.61 + 13.11 \\ &= 22.72 \end{aligned}$$

$$\begin{aligned} & (3.9 \div (6.9 - 5.9)^3) \times (9.2 + 2.7 + 5.6) \\ &= (3.9 \div 1^3) \times (9.2 + 2.7 + 5.6) \\ &= (3.9 \div 1) \times (9.2 + 2.7 + 5.6) \\ &= 3.9 \times (9.2 + 2.7 + 5.6) \\ &= 3.9 \times (11.9 + 5.6) \\ &= 3.9 \times 17.5 \\ &= 68.25 \end{aligned}$$