

Orden de Operaciones con Decimales (E)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$9.1 \times ((8.5 - 6.8 + 2.1) \div (6.9 - 3.1))^3$$

$$(3.3)^2 \times ((2.1 + 8.9 - 6.4) \div 4.6)^3$$

$$(2.4 \div 1.5) \times 9.8 + (5.7)^2 - (2.7)^2$$

$$\left((9.6 - 7.5) \div (0.5)^2 \right) \times 5.4 + (5.3)^2$$

$$(1.7 + 2.4) \times 7.5 \div 2.5 - (3.2)^2 + 1.25$$

$$\left((8.9)^2 - 7.6 \right) \div 9.3 \times 4.3 + 2.7 - 4.7$$

Orden de Operaciones con Decimales (E) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 9.1 \times ((8.5 - 6.8 + 2.1) \div (6.9 - 3.1))^3 \\ &= 9.1 \times ((1.7 + 2.1) \div (6.9 - 3.1))^3 \\ &= 9.1 \times (3.8 \div (6.9 - 3.1))^3 \\ &= 9.1 \times (3.8 \div 3.8)^3 \\ &= 9.1 \times 1^3 \\ &= 9.1 \times 1 \\ &= 9.1 \end{aligned}$$

$$\begin{aligned} & (3.3)^2 \times ((2.1 + 8.9 - 6.4) \div 4.6)^3 \\ &= (3.3)^2 \times ((11 - 6.4) \div 4.6)^3 \\ &= (3.3)^2 \times (4.6 \div 4.6)^3 \\ &= (3.3)^2 \times 1^3 \\ &= 10.89 \times 1^3 \\ &= 10.89 \times 1 \\ &= 10.89 \end{aligned}$$

$$\begin{aligned} & (2.4 \div 1.5) \times 9.8 + (5.7)^2 - (2.7)^2 \\ &= 1.6 \times 9.8 + (5.7)^2 - (2.7)^2 \\ &= 1.6 \times 9.8 + 32.49 - (2.7)^2 \\ &= 1.6 \times 9.8 + 32.49 - 7.29 \\ &= 15.68 + 32.49 - 7.29 \\ &= 48.17 - 7.29 \\ &= 40.88 \end{aligned}$$

$$\begin{aligned} & ((9.6 - 7.5) \div (0.5)^2) \times 5.4 + (5.3)^2 \\ &= (2.1 \div (0.5)^2) \times 5.4 + (5.3)^2 \\ &= (2.1 \div 0.25) \times 5.4 + (5.3)^2 \\ &= 8.4 \times 5.4 + (5.3)^2 \\ &= 8.4 \times 5.4 + 28.09 \\ &= 45.36 + 28.09 \\ &= 73.45 \end{aligned}$$

$$\begin{aligned} & (1.7 + 2.4) \times 7.5 \div 2.5 - (3.2)^2 + 1.25 \\ &= 4.1 \times 7.5 \div 2.5 - (3.2)^2 + 1.25 \\ &= 4.1 \times 7.5 \div 2.5 - 10.24 + 1.25 \\ &= 30.75 \div 2.5 - 10.24 + 1.25 \\ &= 12.3 - 10.24 + 1.25 \\ &= 2.06 + 1.25 \\ &= 3.31 \end{aligned}$$

$$\begin{aligned} & ((8.9)^2 - 7.6) \div 9.3 \times 4.3 + 2.7 - 4.7 \\ &= (79.21 - 7.6) \div 9.3 \times 4.3 + 2.7 - 4.7 \\ &= 71.61 \div 9.3 \times 4.3 + 2.7 - 4.7 \\ &= 7.7 \times 4.3 + 2.7 - 4.7 \\ &= 33.11 + 2.7 - 4.7 \\ &= 35.81 - 4.7 \\ &= 31.11 \end{aligned}$$