

# Orden de Operaciones con Decimales (H)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

Resuelva cada expresión usando el orden de operaciones correcto.

$$(-6.9)^2 + 7.5 \times (2.9 - (-3.2))$$

$$(-8.3)^2 - 4.4 \times ((-1.7) + 0.2)$$

$$6.6 + 3.7 \div (3.3 - 4.3)^3$$

$$((-4.1) + (-8.6) - (0.5)^2) \times 7.2$$

$$(-2.4) \times (8.1 + (-8.9) - 5.2)^2$$

$$((-8.1) - (-9.1))^3 \times 0.2 + 5.1$$

$$(0.5 \times 9.4)^2 \div 4.7 - 5.4$$

$$3.4 \times (8.5 + (-4.2) - 2.3)^2$$

# Orden de Operaciones con Decimales (H) Respuestas

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (-6.9)^2 + 7.5 \times (2.9 - (-3.2)) \\ &= \underline{(-6.9)^2} + 7.5 \times 6.1 \\ &= 47.61 + \underline{7.5 \times 6.1} \\ &= \underline{47.61 + 45.75} \\ &= 93.36 \end{aligned}$$

$$\begin{aligned} & (-8.3)^2 - 4.4 \times ((-1.7) + 0.2) \\ &= \underline{(-8.3)^2} - 4.4 \times (-1.5) \\ &= 68.89 - \underline{4.4 \times (-1.5)} \\ &= \underline{68.89 - (-6.6)} \\ &= 75.49 \end{aligned}$$

$$\begin{aligned} & 6.6 + 3.7 \div (3.3 - 4.3)^3 \\ &= 6.6 + 3.7 \div \underline{(-1)^3} \\ &= 6.6 + \underline{3.7 \div (-1)} \\ &= \underline{6.6 + (-3.7)} \\ &= 2.9 \end{aligned}$$

$$\begin{aligned} & ((-4.1) + (-8.6) - (0.5)^2) \times 7.2 \\ &= (\underline{(-4.1) + (-8.6)} - 0.25) \times 7.2 \\ &= (\underline{(-12.7) - 0.25}) \times 7.2 \\ &= \underline{(-12.95) \times 7.2} \\ &= -93.24 \end{aligned}$$

$$\begin{aligned} & (-2.4) \times (8.1 + (-8.9) - 5.2)^2 \\ &= (-2.4) \times (\underline{(-0.8) - 5.2})^2 \\ &= (-2.4) \times \underline{(-6)^2} \\ &= \underline{(-2.4) \times 36} \\ &= -86.4 \end{aligned}$$

$$\begin{aligned} & ((-8.1) - (-9.1))^3 \times 0.2 + 5.1 \\ &= \underline{1^3} \times 0.2 + 5.1 \\ &= \underline{1 \times 0.2} + 5.1 \\ &= \underline{0.2 + 5.1} \\ &= 5.3 \end{aligned}$$

$$\begin{aligned} & (0.5 \times 9.4)^2 \div 4.7 - 5.4 \\ &= \underline{(4.7)^2} \div 4.7 - 5.4 \\ &= \underline{22.09 \div 4.7} - 5.4 \\ &= \underline{4.7 - 5.4} \\ &= -0.7 \end{aligned}$$

$$\begin{aligned} & 3.4 \times (8.5 + (-4.2) - 2.3)^2 \\ &= 3.4 \times (\underline{4.3 - 2.3})^2 \\ &= 3.4 \times \underline{2^2} \\ &= \underline{3.4 \times 4} \\ &= 13.6 \end{aligned}$$