

# Orden de Operaciones con Decimales (G)

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left( (7.3)^2 - (-8.7) + 0.8 \right) \div (-6.9)$$

$$(-0.8)^2 - 4.1 \times ((-0.6) \div 0.1)$$

$$((-6.4) - (-8.2)) \times (-5.1) + (0.3)^2$$

$$(-3.7) \times ((-7.3) + (-1.6) - (-6.9))^2$$

$$5.2 \times \left( (0.5)^2 + 9.7 - 2.7 \right)$$

$$(2.5)^2 \times ((-3.3) + 3.3 - (-9.8))$$

$$9.6 \times ((-9.6) - (-1.8) + 7.3)^2$$

$$(6.4 + (-3.9) - 2.5)^2 \times (-2.8)$$

# Orden de Operaciones con Decimales (G) Respuestas

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left( (7.3)^2 - (-8.7) + 0.8 \right) \div (-6.9) \\ &= \left( 53.29 - (-8.7) + 0.8 \right) \div (-6.9) \\ &= (61.99 + 0.8) \div (-6.9) \\ &= 62.79 \div (-6.9) \\ &= -9.1 \end{aligned}$$

$$\begin{aligned} & (-0.8)^2 - 4.1 \times \left( (-0.6) \div 0.1 \right) \\ &= (-0.8)^2 - 4.1 \times (-6) \\ &= 0.64 - 4.1 \times (-6) \\ &= 0.64 - (-24.6) \\ &= 25.24 \end{aligned}$$

$$\begin{aligned} & \left( (-6.4) - (-8.2) \right) \times (-5.1) + (0.3)^2 \\ &= 1.8 \times (-5.1) + (0.3)^2 \\ &= 1.8 \times (-5.1) + 0.09 \\ &= (-9.18) + 0.09 \\ &= -9.09 \end{aligned}$$

$$\begin{aligned} & (-3.7) \times \left( (-7.3) + (-1.6) - (-6.9) \right)^2 \\ &= (-3.7) \times \left( (-8.9) - (-6.9) \right)^2 \\ &= (-3.7) \times (-2)^2 \\ &= (-3.7) \times 4 \\ &= -14.8 \end{aligned}$$

$$\begin{aligned} & 5.2 \times \left( (0.5)^2 + 9.7 - 2.7 \right) \\ &= 5.2 \times (0.25 + 9.7 - 2.7) \\ &= 5.2 \times (9.95 - 2.7) \\ &= 5.2 \times 7.25 \\ &= 37.7 \end{aligned}$$

$$\begin{aligned} & (2.5)^2 \times \left( (-3.3) + 3.3 - (-9.8) \right) \\ &= (2.5)^2 \times (0 - (-9.8)) \\ &= (2.5)^2 \times 9.8 \\ &= 6.25 \times 9.8 \\ &= 61.25 \end{aligned}$$

$$\begin{aligned} & 9.6 \times \left( (-9.6) - (-1.8) + 7.3 \right)^2 \\ &= 9.6 \times \left( (-7.8) + 7.3 \right)^2 \\ &= 9.6 \times (-0.5)^2 \\ &= 9.6 \times 0.25 \\ &= 2.4 \end{aligned}$$

$$\begin{aligned} & \left( 6.4 + (-3.9) - 2.5 \right)^2 \times (-2.8) \\ &= (2.5 - 2.5)^2 \times (-2.8) \\ &= 0^2 \times (-2.8) \\ &= 0 \times (-2.8) \\ &= 0 \end{aligned}$$