

# Orden de Operaciones con Decimales (I)

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$(9.8 - 5.7 \times 4.6 + (8.2)^2) \div (-5.5)$$

$$((-4.8) - (-6.5) + (3.9)^2 \div 1.3) \times (-1.1)$$

$$((-5.5) - (-1.6) \div 0.4) \times (-7.2) + (-3.3)^2$$

$$(8.5 - (-4.2) \times (-2.1) + (0.4)^2) \div (-3.2)$$

$$((9.8 - 9.6) \div 0.2)^2 \times 3.8 + (-0.6)$$

$$((-7.8) - (-2.8)^2 + 1.7 \times 0.2) \div 3.6$$

# Orden de Operaciones con Decimales (I) Respuestas

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (9.8 - 5.7 \times 4.6 + (8.2)^2) \div (-5.5) \\ &= (9.8 - 5.7 \times 4.6 + 67.24) \div (-5.5) \\ &= (9.8 - 26.22 + 67.24) \div (-5.5) \\ &= ((-16.42) + 67.24) \div (-5.5) \\ &= 50.82 \div (-5.5) \\ &= -9.24 \end{aligned}$$

$$\begin{aligned} & ((-4.8) - (-6.5) + (3.9)^2 \div 1.3) \times (-1.1) \\ &= ((-4.8) - (-6.5) + 15.21 \div 1.3) \times (-1.1) \\ &= ((-4.8) - (-6.5) + 11.7) \times (-1.1) \\ &= (1.7 + 11.7) \times (-1.1) \\ &= 13.4 \times (-1.1) \\ &= -14.74 \end{aligned}$$

$$\begin{aligned} & ((-5.5) - (-1.6) \div 0.4) \times (-7.2) + (-3.3)^2 \\ &= ((-5.5) - (-4)) \times (-7.2) + (-3.3)^2 \\ &= (-1.5) \times (-7.2) + (-3.3)^2 \\ &= (-1.5) \times (-7.2) + 10.89 \\ &= 10.8 + 10.89 \\ &= 21.69 \end{aligned}$$

$$\begin{aligned} & (8.5 - (-4.2) \times (-2.1) + (0.4)^2) \div (-3.2) \\ &= (8.5 - (-4.2) \times (-2.1) + 0.16) \div (-3.2) \\ &= (8.5 - 8.82 + 0.16) \div (-3.2) \\ &= ((-0.32) + 0.16) \div (-3.2) \\ &= (-0.16) \div (-3.2) \\ &= 0.05 \end{aligned}$$

$$\begin{aligned} & ((9.8 - 9.6) \div 0.2)^2 \times 3.8 + (-0.6) \\ &= (0.2 \div 0.2)^2 \times 3.8 + (-0.6) \\ &= 1^2 \times 3.8 + (-0.6) \\ &= 1 \times 3.8 + (-0.6) \\ &= 3.8 + (-0.6) \\ &= 3.2 \end{aligned}$$

$$\begin{aligned} & ((-7.8) - (-2.8)^2 + 1.7 \times 0.2) \div 3.6 \\ &= ((-7.8) - 7.84 + 1.7 \times 0.2) \div 3.6 \\ &= ((-7.8) - 7.84 + 0.34) \div 3.6 \\ &= ((-15.64) + 0.34) \div 3.6 \\ &= (-15.3) \div 3.6 \\ &= -4.25 \end{aligned}$$