

# Orden de Operaciones (J)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$((-6) \div (-2))^2 \times (4 + 5 - 8) \times (-7)$$

$$(8 - 2^3)^2 \div ((-9) \times (3 + (-2)))$$

$$(5 \div ((-6) + 7)^2) \times ((-2) - 3^2)$$

$$((-8) \times (-5)) \div ((-2)^3 - (-3) + 7)^3$$

$$(4^2 \div (2 + 6)) \times ((-10) - 5 + (-2))$$

$$(-8) \times ((-3) + (-5) - (-10)) \div ((-7) - 3^2)$$

# Orden de Operaciones (J)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & \left( \frac{-6}{-2} \right)^2 \times (4 + 5 - 8) \times (-7) \\ &= 3^2 \times (4 + 5 - 8) \times (-7) \\ &= 3^2 \times (9 - 8) \times (-7) \\ &= 3^2 \times 1 \times (-7) \\ &= 9 \times 1 \times (-7) \\ &= 9 \times (-7) \\ &= -63 \end{aligned}$$

$$\begin{aligned} & (8 - 2^3)^2 \div ((-9) \times (3 + (-2))) \\ &= (8 - 8)^2 \div ((-9) \times (3 + (-2))) \\ &= 0^2 \div ((-9) \times (3 + (-2))) \\ &= 0^2 \div ((-9) \times 1) \\ &= 0^2 \div (-9) \\ &= 0 \div (-9) \\ &= 0 \end{aligned}$$

$$\begin{aligned} & \left( 5 \div \frac{-6 + 7}{1} \right)^2 \times ((-2) - 3^2) \\ &= (5 \div 1^2) \times ((-2) - 3^2) \\ &= (5 \div 1) \times ((-2) - 3^2) \\ &= 5 \times ((-2) - 3^2) \\ &= 5 \times ((-2) - 9) \\ &= 5 \times (-11) \\ &= -55 \end{aligned}$$

$$\begin{aligned} & \frac{(-8) \times (-5)}{1} \div ((-2)^3 - (-3) + 7)^3 \\ &= 40 \div ((-2)^3 - (-3) + 7)^3 \\ &= 40 \div ((-8) - (-3) + 7)^3 \\ &= 40 \div ((-5) + 7)^3 \\ &= 40 \div 2^3 \\ &= 40 \div 8 \\ &= 5 \end{aligned}$$

$$\begin{aligned} & (4^2 \div (2 + 6)) \times ((-10) - 5 + (-2)) \\ &= (4^2 \div 8) \times ((-10) - 5 + (-2)) \\ &= (16 \div 8) \times ((-10) - 5 + (-2)) \\ &= 2 \times ((-10) - 5 + (-2)) \\ &= 2 \times ((-15) + (-2)) \\ &= 2 \times (-17) \\ &= -34 \end{aligned}$$

$$\begin{aligned} & (-8) \times \frac{(-3) + (-5) - (-10)}{1} \div ((-7) - 3^2) \\ &= (-8) \times ((-8) - (-10)) \div ((-7) - 3^2) \\ &= (-8) \times 2 \div ((-7) - 3^2) \\ &= (-8) \times 2 \div ((-7) - 9) \\ &= (-8) \times 2 \div (-16) \\ &= (-16) \div (-16) \\ &= 1 \end{aligned}$$