

# Orden de Operaciones (F)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\left((-10)^2 - 10^2\right) \div (5 + (-3)) \times 3$$

$$(2^3 - 8)^3 \div ((-8) \times (4 + 7))$$

$$\left((-9) \div (-3)^2\right) \times (8 - (-4) + 4^3)$$

$$(9^2 + (-9) - 7^2) \times (4 \div 2)$$

$$\left((-4)^2 \div ((-9) - 4 + (-3))\right)^2 \times (-7)$$

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

# Orden de Operaciones (F)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & \left( \underline{(-10)^2} - 10^2 \right) \div (5 + (-3)) \times 3 \\ &= (100 - \underline{10^2}) \div (5 + (-3)) \times 3 \\ &= \underline{(100 - 100)} \div (5 + (-3)) \times 3 \\ &= 0 \div \left( \underline{5 + (-3)} \right) \times 3 \\ &= \underline{0 \div 2} \times 3 \\ &= \underline{0 \times 3} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & \left( \underline{2^3} - 8 \right)^3 \div ((-8) \times (4 + 7)) \\ &= \underline{(8 - 8)}^3 \div ((-8) \times (4 + 7)) \\ &= 0^3 \div ((-8) \times \underline{4 + 7}) \\ &= 0^3 \div \left( \underline{(-8) \times 11} \right) \\ &= \underline{0^3} \div (-88) \\ &= \underline{0 \div (-88)} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & \left( (-9) \div \underline{(-3)^2} \right) \times (8 - (-4) + 4^3) \\ &= \left( \underline{(-9) \div 9} \right) \times (8 - (-4) + 4^3) \\ &= (-1) \times (8 - (-4) + \underline{4^3}) \\ &= (-1) \times \left( \underline{8 - (-4)} + 64 \right) \\ &= (-1) \times \underline{(12 + 64)} \\ &= \underline{(-1) \times 76} \\ &= -76 \end{aligned}$$

$$\begin{aligned} & \left( \underline{9^2} + (-9) - 7^2 \right) \times (4 \div 2) \\ &= (81 + (-9) - \underline{7^2}) \times (4 \div 2) \\ &= \left( \underline{81 + (-9)} - 49 \right) \times (4 \div 2) \\ &= \underline{(72 - 49)} \times (4 \div 2) \\ &= 23 \times \underline{(4 \div 2)} \\ &= \underline{23 \times 2} \\ &= 46 \end{aligned}$$

$$\begin{aligned} & \left( (-4)^2 \div \left( \underline{(-9) - 4} + (-3) \right) \right)^2 \times (-7) \\ &= \left( (-4)^2 \div \left( \underline{(-13) + (-3)} \right) \right)^2 \times (-7) \\ &= \left( \underline{(-4)^2} \div (-16) \right)^2 \times (-7) \\ &= \left( \underline{16 \div (-16)} \right)^2 \times (-7) \\ &= \underline{(-1)^2} \times (-7) \\ &= \underline{1 \times (-7)} \\ &= -7 \end{aligned}$$

$$\begin{aligned} & (-2)^2 - (-3) \times \left( \left( \underline{7 + (-7)} \right) \div ((-6) \times 3) \right) \\ &= (-2)^2 - (-3) \times \left( 0 \div \left( \underline{(-6) \times 3} \right) \right) \\ &= (-2)^2 - (-3) \times \left( \underline{0 \div (-18)} \right) \\ &= \underline{(-2)^2} - (-3) \times 0 \\ &= 4 - \underline{(-3) \times 0} \\ &= \underline{4 - 0} \\ &= 4 \end{aligned}$$