

# Orden de Operaciones (A)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

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

$$\left( (10 - 7)^2 \times (-8) \right) \div 9 + 8$$

$$8^2 - 10 + 6 \times ((-8) \div (-4))$$

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

$$((9 - 3 + (-6)) \times 2) \div 4^2$$

$$((-6) + (-5) - 4^3 \div (-4)) \times 5$$

# Orden de Operaciones (A)

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Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (-10) \div (5 - 3^2 + 2) \times (-2) \\ &= (-10) \div (5 - 9 + 2) \times (-2) \\ &= (-10) \div ((-4) + 2) \times (-2) \\ &= \frac{(-10) \div (-2)}{(-2)} \times (-2) \\ &= \frac{5 \times (-2)}{(-2)} \\ &= -10 \end{aligned}$$

$$\begin{aligned} & ((10 - 7)^2 \times (-8)) \div 9 + 8 \\ &= (3^2 \times (-8)) \div 9 + 8 \\ &= (9 \times (-8)) \div 9 + 8 \\ &= \frac{(-72) \div 9}{+8} \\ &= \frac{(-8) + 8}{+8} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & 8^2 - 10 + 6 \times ((-8) \div (-4)) \\ &= 8^2 - 10 + 6 \times 2 \\ &= 64 - 10 + 6 \times 2 \\ &= \frac{64 - 10}{+12} \\ &= \frac{54 + 12}{+12} \\ &= 66 \end{aligned}$$

$$\begin{aligned} & (8 + 6^2) \div (-2) - (-7) \times 5 \\ &= (8 + 36) \div (-2) - (-7) \times 5 \\ &= \frac{44 \div (-2)}{-(-7) \times 5} \\ &= \frac{(-22) - (-7) \times 5}{(-22) - (-35)} \\ &= 13 \end{aligned}$$

$$\begin{aligned} & ((9 - 3 + (-6)) \times 2) \div 4^2 \\ &= ((6 + (-6)) \times 2) \div 4^2 \\ &= (0 \times 2) \div 4^2 \\ &= 0 \div 4^2 \\ &= 0 \div 16 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & ((-6) + (-5) - 4^3 \div (-4)) \times 5 \\ &= ((-6) + (-5) - \frac{64 \div (-4)}{(-4)}) \times 5 \\ &= ((-6) + (-5) - (-16)) \times 5 \\ &= ((-11) - (-16)) \times 5 \\ &= 5 \times 5 \\ &= 25 \end{aligned}$$

## Orden de Operaciones (B)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$3^3 \div (-3) \times (2 - 9 + 5)$$

$$((-10) \times 9) \div (-9) + 10 - 4^2$$

$$((-8) - 7 + (-3)^3) \div (-6) \times (-4)$$

$$((-4) + (-2))^2 \div 4 - (-7) \times 10$$

$$(2 - 5 \times (-2) + (-9))^2 \div 9$$

$$((( -5) + 8 - 2) \times 9) \div 3^2$$

# Orden de Operaciones (B)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & 3^3 \div (-3) \times (2 - 9 + 5) \\ & = 3^3 \div (-3) \times ((-7) + 5) \\ & = 3^3 \div (-3) \times (-2) \\ & = 27 \div (-3) \times (-2) \\ & = (-9) \times (-2) \\ & = 18 \end{aligned}$$

$$\begin{aligned} & ((-10) \times 9) \div (-9) + 10 - 4^2 \\ & = (-90) \div (-9) + 10 - 4^2 \\ & = (-90) \div (-9) + 10 - 16 \\ & = 10 + 10 - 16 \\ & = 20 - 16 \\ & = 4 \end{aligned}$$

$$\begin{aligned} & ((-8) - 7 + (-3)^3) \div (-6) \times (-4) \\ & = ((-8) - 7 + (-27)) \div (-6) \times (-4) \\ & = ((-15) + (-27)) \div (-6) \times (-4) \\ & = (-42) \div (-6) \times (-4) \\ & = 7 \times (-4) \\ & = -28 \end{aligned}$$

$$\begin{aligned} & ((-4) + (-2))^2 \div 4 - (-7) \times 10 \\ & = (-6)^2 \div 4 - (-7) \times 10 \\ & = 36 \div 4 - (-7) \times 10 \\ & = 9 - (-7) \times 10 \\ & = 9 - (-70) \\ & = 79 \end{aligned}$$

$$\begin{aligned} & (2 - 5 \times (-2) + (-9))^2 \div 9 \\ & = (2 - (-10) + (-9))^2 \div 9 \\ & = (12 + (-9))^2 \div 9 \\ & = 3^2 \div 9 \\ & = 9 \div 9 \\ & = 1 \end{aligned}$$

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

# Orden de Operaciones (C)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$(7^2 \div (-7) + 10) \times ((-4) - 9)$$

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

$$(3^2 \times (-9)) \div ((-6) + 7 - 4)$$

$$8 + 4 \times 3^2 \div ((-8) - 10)$$

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

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

# Orden de Operaciones (C)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (7^2 \div (-7) + 10) \times ((-4) - 9) \\ &= (49 \div (-7) + 10) \times ((-4) - 9) \\ &= ((-7) + 10) \times ((-4) - 9) \\ &= 3 \times ((-4) - 9) \\ &= 3 \times (-13) \\ &= -39 \end{aligned}$$

$$\begin{aligned} & (-5) + 7 - 5 \times (6^2 \div (-2)) \\ &= (-5) + 7 - 5 \times (36 \div (-2)) \\ &= (-5) + 7 - 5 \times (-18) \\ &= (-5) + 7 - (-90) \\ &= 2 - (-90) \\ &= 92 \end{aligned}$$

$$\begin{aligned} & (3^2 \times (-9)) \div ((-6) + 7 - 4) \\ &= (9 \times (-9)) \div ((-6) + 7 - 4) \\ &= (-81) \div ((-6) + 7 - 4) \\ &= (-81) \div (1 - 4) \\ &= (-81) \div (-3) \\ &= 27 \end{aligned}$$

$$\begin{aligned} & 8 + 4 \times 3^2 \div ((-8) - 10) \\ &= 8 + 4 \times 3^2 \div (-18) \\ &= 8 + 4 \times 9 \div (-18) \\ &= 8 + 36 \div (-18) \\ &= 8 + (-2) \\ &= 6 \end{aligned}$$

$$\begin{aligned} & ((-7) - (-2)^2 \times 2) \div ((-4) + 9) \\ &= ((-7) - 4 \times 2) \div ((-4) + 9) \\ &= ((-7) - 8) \div ((-4) + 9) \\ &= (-15) \div ((-4) + 9) \\ &= (-15) \div 5 \\ &= -3 \end{aligned}$$

$$\begin{aligned} & (3^3 - (-2) + 5) \times ((-10) \div 10) \\ &= (27 - (-2) + 5) \times ((-10) \div 10) \\ &= (29 + 5) \times ((-10) \div 10) \\ &= 34 \times ((-10) \div 10) \\ &= 34 \times (-1) \\ &= -34 \end{aligned}$$

# Orden de Operaciones (D)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$(-10) \div (3^2 - (-3) + (-7)) \times (-9)$$

$$((-5) \times (-2)) \div (4 + (-3) - 2)^3$$

$$((( -5) - (-9)) \times (-2) + 8)^3 \div 9$$

$$(3 - 6 + 9)^2 \div (-4) \times 10$$

$$3 \times (7 + (-5) - 9 \div (-9))^2$$

$$10 \div (-2) \times (3 - 5 + 6)^2$$

# Orden de Operaciones (D)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (-10) \div (3^2 - (-3) + (-7)) \times (-9) \\ &= (-10) \div (9 - (-3) + (-7)) \times (-9) \\ &= (-10) \div (12 + (-7)) \times (-9) \\ &= \underline{(-10) \div 5} \times (-9) \\ &= \underline{(-2) \times (-9)} \\ &= 18 \end{aligned}$$

$$\begin{aligned} & ((-5) \times (-2)) \div (4 + (-3) - 2)^3 \\ &= 10 \div (4 + (-3) - 2)^3 \\ &= 10 \div (1 - 2)^3 \\ &= 10 \div \underline{(-1)^3} \\ &= \underline{10 \div (-1)} \\ &= -10 \end{aligned}$$

$$\begin{aligned} & (((-5) - (-9)) \times (-2) + 8)^3 \div 9 \\ &= (4 \times (-2) + 8)^3 \div 9 \\ &= ((-8) + 8)^3 \div 9 \\ &= \underline{0^3} \div 9 \\ &= \underline{0 \div 9} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (3 - 6 + 9)^2 \div (-4) \times 10 \\ &= ((-3) + 9)^2 \div (-4) \times 10 \\ &= \underline{6^2} \div (-4) \times 10 \\ &= \underline{36 \div (-4)} \times 10 \\ &= \underline{(-9) \times 10} \\ &= -90 \end{aligned}$$

$$\begin{aligned} & 3 \times (7 + (-5) - 9 \div (-9))^2 \\ &= 3 \times (7 + (-5) - (-1))^2 \\ &= 3 \times (2 - (-1))^2 \\ &= 3 \times \underline{3^2} \\ &= \underline{3 \times 9} \\ &= 27 \end{aligned}$$

$$\begin{aligned} & 10 \div (-2) \times (3 - 5 + 6)^2 \\ &= 10 \div (-2) \times ((-2) + 6)^2 \\ &= 10 \div (-2) \times \underline{4^2} \\ &= \underline{10 \div (-2)} \times 16 \\ &= \underline{(-5) \times 16} \\ &= -80 \end{aligned}$$



# Orden de Operaciones (E)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$(-8) \times \left( (-2)^3 + 9 - (-10) \right) \div 8$$

$$\left( (-2) \div (8 - 10 + 3) \right)^2 \times (-9)$$

$$(-2) - 4^2 \div (-4) \times \left( (-5) + 2 \right)$$

$$(-8) + 9 \times \left( 10 - (-4)^2 \div 2 \right)$$

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

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

# Orden de Operaciones (E)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (-8) \times \left( \underline{(-2)^3} + 9 - (-10) \right) \div 8 \\ & = (-8) \times \left( \underline{(-8) + 9} - (-10) \right) \div 8 \\ & = (-8) \times \left( \underline{1 - (-10)} \right) \div 8 \\ & = \underline{(-8) \times 11} \div 8 \\ & = \underline{(-88) \div 8} \\ & = -11 \end{aligned}$$

$$\begin{aligned} & ((-2) \div \underline{(8 - 10 + 3)})^2 \times (-9) \\ & = \left( (-2) \div \underline{((-2) + 3)} \right)^2 \times (-9) \\ & = \left( \underline{(-2) \div 1} \right)^2 \times (-9) \\ & = \underline{(-2)^2} \times (-9) \\ & = \underline{4 \times (-9)} \\ & = -36 \end{aligned}$$

$$\begin{aligned} & (-2) - 4^2 \div (-4) \times \left( \underline{(-5) + 2} \right) \\ & = (-2) - \underline{4^2} \div (-4) \times (-3) \\ & = (-2) - \underline{16 \div (-4)} \times (-3) \\ & = (-2) - \underline{(-4) \times (-3)} \\ & = \underline{(-2) - 12} \\ & = -14 \end{aligned}$$

$$\begin{aligned} & (-8) + 9 \times \left( 10 - \underline{(-4)^2} \div 2 \right) \\ & = (-8) + 9 \times \left( 10 - \underline{16 \div 2} \right) \\ & = (-8) + 9 \times \underline{(10 - 8)} \\ & = (-8) + \underline{9 \times 2} \\ & = \underline{(-8) + 18} \\ & = 10 \end{aligned}$$

$$\begin{aligned} & ((-7) - 7 + 8 \div \underline{2^2}) \times 3 \\ & = ((-7) - 7 + \underline{8 \div 4}) \times 3 \\ & = \left( \underline{(-7) - 7} + 2 \right) \times 3 \\ & = \left( \underline{(-14) + 2} \right) \times 3 \\ & = \underline{(-12) \times 3} \\ & = -36 \end{aligned}$$

$$\begin{aligned} & ((-4) \div \underline{2^2} - 4 + 8) \times (-9) \\ & = \left( \underline{(-4) \div 4} - 4 + 8 \right) \times (-9) \\ & = \left( \underline{(-1) - 4} + 8 \right) \times (-9) \\ & = \left( \underline{(-5) + 8} \right) \times (-9) \\ & = \underline{3 \times (-9)} \\ & = -27 \end{aligned}$$

# Orden de Operaciones (F)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$((9 - (-6)) \div (-5) + 5) \times 2^3$$

$$2^2 + 9 - (-5) \times ((-6) \div (-2))$$

$$(4 + 5 \times 2^2) \div 3 - (-3)$$

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

$$5 \times ((-6)^2 \div 4 - (-3) + 6)$$

$$((-7) \times 2^2 - 9 + (-3)) \div 8$$

# Orden de Operaciones (F)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & \left( (9 - (-6)) \div (-5) + 5 \right) \times 2^3 \\ &= \left( 15 \div (-5) + 5 \right) \times 2^3 \\ &= \left( (-3) + 5 \right) \times 2^3 \\ &= 2 \times 2^3 \\ &= 2 \times 8 \\ &= 16 \end{aligned}$$

$$\begin{aligned} & 2^2 + 9 - (-5) \times \left( (-6) \div (-2) \right) \\ &= 2^2 + 9 - (-5) \times 3 \\ &= 4 + 9 - (-5) \times 3 \\ &= 4 + 9 - (-15) \\ &= 13 - (-15) \\ &= 28 \end{aligned}$$

$$\begin{aligned} & (4 + 5 \times 2^2) \div 3 - (-3) \\ &= (4 + 5 \times 4) \div 3 - (-3) \\ &= (4 + 20) \div 3 - (-3) \\ &= 24 \div 3 - (-3) \\ &= 8 - (-3) \\ &= 11 \end{aligned}$$

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

$$\begin{aligned} & 5 \times \left( (-6)^2 \div 4 - (-3) + 6 \right) \\ &= 5 \times \left( 36 \div 4 - (-3) + 6 \right) \\ &= 5 \times \left( 9 - (-3) + 6 \right) \\ &= 5 \times (12 + 6) \\ &= 5 \times 18 \\ &= 90 \end{aligned}$$

$$\begin{aligned} & \left( (-7) \times 2^2 - 9 + (-3) \right) \div 8 \\ &= \left( (-7) \times 4 - 9 + (-3) \right) \div 8 \\ &= \left( (-28) - 9 + (-3) \right) \div 8 \\ &= \left( (-37) + (-3) \right) \div 8 \\ &= (-40) \div 8 \\ &= -5 \end{aligned}$$

# Orden de Operaciones (G)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$4 - (-5) \times 2^3 \div (10 + (-6))$$

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

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

$$(2 + (-3))^2 \times (8 - (-10)) \div (-6)$$

$$\left( (-4) \times (-3)^2 \right) \div 4 + 6 - (-10)$$

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

# Orden de Operaciones (G)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & 4 - (-5) \times 2^3 \div (10 + (-6)) \\ &= 4 - (-5) \times 2^3 \div 4 \\ &= 4 - \frac{(-5) \times 8}{4} \\ &= 4 - \frac{(-40)}{4} \\ &= \frac{4 - (-10)}{1} \\ &= 14 \end{aligned}$$

$$\begin{aligned} & (10 \div 2) \times (-3) + 8^2 - (-2) \\ &= 5 \times (-3) + 8^2 - (-2) \\ &= \frac{5 \times (-3)}{1} + 64 - (-2) \\ &= \frac{(-15) + 64}{1} - (-2) \\ &= \frac{49 - (-2)}{1} \\ &= 51 \end{aligned}$$

$$\begin{aligned} & ((-8) \div (-2)^3 + (-3)) \times ((-7) - 3) \\ &= \left( \frac{(-8) \div (-8)}{1} + (-3) \right) \times ((-7) - 3) \\ &= \left( \frac{1 + (-3)}{1} \right) \times ((-7) - 3) \\ &= (-2) \times ((-7) - 3) \\ &= \frac{(-2) \times (-10)}{1} \\ &= 20 \end{aligned}$$

$$\begin{aligned} & (2 + (-3))^2 \times (8 - (-10)) \div (-6) \\ &= (-1)^2 \times (8 - (-10)) \div (-6) \\ &= \frac{(-1)^2 \times 18}{1} \div (-6) \\ &= \frac{1 \times 18}{1} \div (-6) \\ &= \frac{18 \div (-6)}{1} \\ &= -3 \end{aligned}$$

$$\begin{aligned} & ((-4) \times (-3)^2) \div 4 + 6 - (-10) \\ &= \left( \frac{(-4) \times 9}{1} \right) \div 4 + 6 - (-10) \\ &= \frac{(-36) \div 4}{1} + 6 - (-10) \\ &= \frac{(-9) + 6}{1} - (-10) \\ &= \frac{(-3) - (-10)}{1} \\ &= 7 \end{aligned}$$

$$\begin{aligned} & ((-8)^2 - (-6) \times (4 + 2)) \div 5 \\ &= \left( \frac{(-8)^2}{1} - (-6) \times 6 \right) \div 5 \\ &= \left( 64 - \frac{(-6) \times 6}{1} \right) \div 5 \\ &= \left( \frac{64 - (-36)}{1} \right) \div 5 \\ &= \frac{100 \div 5}{1} \\ &= 20 \end{aligned}$$

# Orden de Operaciones (H)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$(8 - (-2)^2 + (-4)) \div (-5) \times 3$$

$$(3 + 7^2) \div (-4) \times (-3) - 6$$

$$(-3) + 2 \div (-2) \times ((-4)^2 - (-6))$$

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

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

$$2 \times ((-8) + (-3) \div 3 - (-6))^3$$

# Orden de Operaciones (H)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (8 - (-2)^2 + (-4)) \div (-5) \times 3 \\ &= (8 - 4 + (-4)) \div (-5) \times 3 \\ &= (4 + (-4)) \div (-5) \times 3 \\ &= 0 \div (-5) \times 3 \\ &= 0 \times 3 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (3 + 7^2) \div (-4) \times (-3) - 6 \\ &= (3 + 49) \div (-4) \times (-3) - 6 \\ &= 52 \div (-4) \times (-3) - 6 \\ &= (-13) \times (-3) - 6 \\ &= 39 - 6 \\ &= 33 \end{aligned}$$

$$\begin{aligned} & (-3) + 2 \div (-2) \times ((-4)^2 - (-6)) \\ &= (-3) + 2 \div (-2) \times (16 - (-6)) \\ &= (-3) + 2 \div (-2) \times 22 \\ &= (-3) + (-1) \times 22 \\ &= (-3) + (-22) \\ &= -25 \end{aligned}$$

$$\begin{aligned} & (6 + (-5))^2 \times 4 \div 2 - (-10) \\ &= 1^2 \times 4 \div 2 - (-10) \\ &= 1 \times 4 \div 2 - (-10) \\ &= 4 \div 2 - (-10) \\ &= 2 - (-10) \\ &= 12 \end{aligned}$$

$$\begin{aligned} & (-3)^2 \div 3 \times (5 - 10 + (-8)) \\ &= (-3)^2 \div 3 \times ((-5) + (-8)) \\ &= (-3)^2 \div 3 \times (-13) \\ &= 9 \div 3 \times (-13) \\ &= 3 \times (-13) \\ &= -39 \end{aligned}$$

$$\begin{aligned} & 2 \times ((-8) + (-3) \div 3 - (-6))^3 \\ &= 2 \times ((-8) + (-1) - (-6))^3 \\ &= 2 \times ((-9) - (-6))^3 \\ &= 2 \times (-3)^3 \\ &= 2 \times (-27) \\ &= -54 \end{aligned}$$



# Orden de Operaciones (I)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$5 \div (6 \times 2 + (-4) - 9)^3$$

$$((-8) \times ((-4) - (-5) + (-9))) \div 8^2$$

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

$$(7 - 5)^3 \times 10 \div ((-2) + 6)$$

$$((-10) + 4^2 \div 2 - 3) \times 8$$

$$(3 \times 2^3) \div 6 - (-2) + 4$$

# Orden de Operaciones (I)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & 5 \div (6 \times 2 + (-4) - 9)^3 \\ & = 5 \div (12 + (-4) - 9)^3 \\ & = 5 \div (8 - 9)^3 \\ & = 5 \div (-1)^3 \\ & = \underline{5 \div (-1)} \\ & = -5 \end{aligned}$$

$$\begin{aligned} & ((-8) \times ((-4) - (-5) + (-9))) \div 8^2 \\ & = ((-8) \times (1 + (-9))) \div 8^2 \\ & = ((-8) \times (-8)) \div 8^2 \\ & = 64 \div \underline{8^2} \\ & = \underline{64 \div 64} \\ & = 1 \end{aligned}$$

$$\begin{aligned} & (8 + (-8)) \div ((-4)^2 - (-5) \times 7) \\ & = 0 \div ((-4)^2 - (-5) \times 7) \\ & = 0 \div (16 - (-5) \times 7) \\ & = 0 \div (16 - (-35)) \\ & = \underline{0 \div 51} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & (7 - 5)^3 \times 10 \div ((-2) + 6) \\ & = 2^3 \times 10 \div ((-2) + 6) \\ & = \underline{2^3} \times 10 \div 4 \\ & = \underline{8 \times 10} \div 4 \\ & = \underline{80 \div 4} \\ & = 20 \end{aligned}$$

$$\begin{aligned} & ((-10) + 4^2 \div 2 - 3) \times 8 \\ & = ((-10) + 16 \div 2 - 3) \times 8 \\ & = ((-10) + 8 - 3) \times 8 \\ & = ((-2) - 3) \times 8 \\ & = \underline{(-5) \times 8} \\ & = -40 \end{aligned}$$

$$\begin{aligned} & (3 \times 2^3) \div 6 - (-2) + 4 \\ & = (3 \times 8) \div 6 - (-2) + 4 \\ & = \underline{24 \div 6} - (-2) + 4 \\ & = \underline{4 - (-2)} + 4 \\ & = \underline{6 + 4} \\ & = 10 \end{aligned}$$

# Orden de Operaciones (J)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

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

$$(2^2 + (-9)) \div ((-10) - (-5)) \times (-2)$$

$$(-3) + (-8) \times (-7) \div (5 - 4)^3$$

$$(3 - 6^2 \div 4 + 10) \times 9$$

$$((-5) + 2) \div (-3) \times (-6)^2 - 8$$

$$((-7) - (-10) \div 2 + 3)^2 \times (-6)$$

# Orden de Operaciones (J)

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

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

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (-5) \times (-7) + (-10)^2 \div (8 - 3) \\ &= (-5) \times (-7) + \underline{(-10)^2} \div 5 \\ &= \underline{(-5) \times (-7)} + 100 \div 5 \\ &= 35 + \underline{100 \div 5} \\ &= \underline{35 + 20} \\ &= 55 \end{aligned}$$

$$\begin{aligned} & (2^2 + (-9)) \div ((-10) - (-5)) \times (-2) \\ &= \underline{(4 + (-9))} \div ((-10) - (-5)) \times (-2) \\ &= (-5) \div \underline{((-10) - (-5))} \times (-2) \\ &= \underline{(-5) \div (-5)} \times (-2) \\ &= \underline{1 \times (-2)} \\ &= -2 \end{aligned}$$

$$\begin{aligned} & (-3) + (-8) \times (-7) \div (5 - 4)^3 \\ &= (-3) + (-8) \times (-7) \div \underline{1^3} \\ &= (-3) + \underline{(-8) \times (-7)} \div 1 \\ &= (-3) + \underline{56 \div 1} \\ &= \underline{(-3) + 56} \\ &= 53 \end{aligned}$$

$$\begin{aligned} & (3 - 6^2 \div 4 + 10) \times 9 \\ &= (3 - \underline{36 \div 4} + 10) \times 9 \\ &= \underline{(3 - 9 + 10)} \times 9 \\ &= \underline{((-6) + 10)} \times 9 \\ &= \underline{4 \times 9} \\ &= 36 \end{aligned}$$

$$\begin{aligned} & \underline{((-5) + 2)} \div (-3) \times (-6)^2 - 8 \\ &= (-3) \div (-3) \times \underline{(-6)^2} - 8 \\ &= \underline{(-3) \div (-3)} \times 36 - 8 \\ &= \underline{1 \times 36} - 8 \\ &= \underline{36 - 8} \\ &= 28 \end{aligned}$$

$$\begin{aligned} & \underline{((-7) - (-10) \div 2 + 3)}^2 \times (-6) \\ &= \underline{((-7) - (-5) + 3)}^2 \times (-6) \\ &= \underline{((-2) + 3)}^2 \times (-6) \\ &= \underline{1^2} \times (-6) \\ &= \underline{1 \times (-6)} \\ &= -6 \end{aligned}$$