

Orden de Operaciones (A)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

$$(-6) - 10 \times (-3) \div (8 + 7) \times (-2)$$

$$10 - (-7) + (-4) \times (-10) \div (3 - 5)$$

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

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Nombre: _____

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Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & \left(\frac{-3}{3} \right) \times 5 + (-6) - (-10) \times (-5) \\ &= \frac{-1}{1} \times 5 + (-6) - (-10) \times (-5) \\ &= (-5) + (-6) - \frac{-10}{1} \times \frac{-5}{1} \\ &= \frac{-5}{1} + \frac{-6}{1} - 50 \\ &= \frac{-11}{1} - 50 \\ &= -61 \end{aligned}$$

$$\begin{aligned} & \left(2 - (-4) \right) \times 9 \div (6 + (-3)) \div 3 \\ &= 6 \times 9 \div (6 + (-3)) \div 3 \\ &= \frac{6 \times 9}{1} \div 3 \div 3 \\ &= \frac{54}{1} \div 3 \div 3 \\ &= \frac{18}{1} \div 3 \\ &= 6 \end{aligned}$$

$$\begin{aligned} & 2 + 5 - 4 \times (-5) \div \left(\frac{-4}{1} - \frac{-3}{1} \right) \\ &= 2 + 5 - \frac{4 \times (-5)}{1} \div (-1) \\ &= 2 + 5 - \frac{-20}{1} \div (-1) \\ &= \frac{2 + 5}{1} - 20 \\ &= \frac{7 - 20}{1} \\ &= -13 \end{aligned}$$

$$\begin{aligned} & (-6) - 10 \times (-3) \div (8 + 7) \times (-2) \\ &= (-6) - \frac{10 \times (-3)}{1} \div 15 \times (-2) \\ &= (-6) - \frac{-30}{1} \div 15 \times (-2) \\ &= (-6) - \frac{-2}{1} \times (-2) \\ &= \frac{-6}{1} - 4 \\ &= -10 \end{aligned}$$

$$\begin{aligned} & 10 - (-7) + (-4) \times (-10) \div (3 - 5) \\ &= 10 - (-7) + \frac{-4 \times (-10)}{1} \div (-2) \\ &= 10 - (-7) + \frac{40}{1} \div (-2) \\ &= \frac{10 - (-7)}{1} + (-20) \\ &= \frac{17 + (-20)}{1} \\ &= -3 \end{aligned}$$

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