

Orden de Operaciones (A)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

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

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

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

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

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

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

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

Orden de Operaciones (A)

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Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (-9) - (-3) + 4^2 \times (-4) \\ & = (-9) - (-3) + 16 \times (-4) \\ & = \underline{(-9) - (-3)} + (-64) \\ & = \underline{(-6) + (-64)} \\ & = -70 \end{aligned}$$

$$\begin{aligned} & (-5)^2 \times 3 \div 5 + 9 \\ & = \underline{25 \times 3} \div 5 + 9 \\ & = \underline{75 \div 5} + 9 \\ & = \underline{15 + 9} \\ & = 24 \end{aligned}$$

$$\begin{aligned} & 2^3 \times 10 - 3 + (-2) \\ & = \underline{8 \times 10} - 3 + (-2) \\ & = \underline{80 - 3} + (-2) \\ & = \underline{77 + (-2)} \\ & = 75 \end{aligned}$$

$$\begin{aligned} & (-3) \times 9 - 3^2 + 4 \\ & = \underline{(-3) \times 9} - 9 + 4 \\ & = \underline{(-27) - 9} + 4 \\ & = \underline{(-36) + 4} \\ & = -32 \end{aligned}$$

$$\begin{aligned} & (-6) \div 6 \times (-3)^3 + 10 \\ & = \underline{(-6) \div 6} \times (-27) + 10 \\ & = \underline{(-1) \times (-27)} + 10 \\ & = \underline{27 + 10} \\ & = 37 \end{aligned}$$

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

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

$$\begin{aligned} & 9 \times 2 - 8^2 \div (-2) \\ & = \underline{9 \times 2} - 64 \div (-2) \\ & = 18 - \underline{64 \div (-2)} \\ & = \underline{18 - (-32)} \\ & = 50 \end{aligned}$$

$$\begin{aligned} & 9 \times 8 - (-4) \div 2^2 \\ & = \underline{9 \times 8} - (-4) \div 4 \\ & = 72 - \underline{(-4) \div 4} \\ & = \underline{72 - (-1)} \\ & = 73 \end{aligned}$$

$$\begin{aligned} & (-4)^2 \div 2 \times 10 + 4 \\ & = \underline{16 \div 2} \times 10 + 4 \\ & = \underline{8 \times 10} + 4 \\ & = \underline{80 + 4} \\ & = 84 \end{aligned}$$

Orden de Operaciones (B)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

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

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

$$9 \times 7 - 3 + 6^2$$

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

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

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

$$(-6)^2 + (-8) - 9 \times 8$$

Orden de Operaciones (B)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

$$= (-6) \times ((-5) + (-9) - (-8))$$

$$= (-6) \times ((-14) - (-8))$$

$$= (-6) \times (-6)$$

$$= 36$$

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

$$= ((-5) + 5 - 16) \times 3$$

$$= (0 - 16) \times 3$$

$$= (-16) \times 3$$

$$= -48$$

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

$$= (25 - 6 + (-5)) \times 2$$

$$= (19 + (-5)) \times 2$$

$$= 14 \times 2$$

$$= 28$$

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

$$= 10 \div (-2) - (-7) + 36$$

$$= (-5) - (-7) + 36$$

$$= 2 + 36$$

$$= 38$$

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

$$= (-7) \times (-6) - 6 + 16$$

$$= 42 - 6 + 16$$

$$= 36 + 16$$

$$= 52$$

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

$$= 7 \times ((-9) - 16 \div (-4))$$

$$= 7 \times ((-9) - (-4))$$

$$= 7 \times (-5)$$

$$= -35$$

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

$$= 8 \div (-8) \times ((-27) + 6)$$

$$= 8 \div (-8) \times (-21)$$

$$= (-1) \times (-21)$$

$$= 21$$

$$9 \times 7 - 3 + 6^2$$

$$= 9 \times 7 - 3 + 36$$

$$= 63 - 3 + 36$$

$$= 60 + 36$$

$$= 96$$

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

$$= (-7) \times (2 - 9 + (-5))$$

$$= (-7) \times ((-7) + (-5))$$

$$= (-7) \times (-12)$$

$$= 84$$

$$(-6)^2 + (-8) - 9 \times 8$$

$$= 36 + (-8) - 9 \times 8$$

$$= 36 + (-8) - 72$$

$$= 28 - 72$$

$$= -44$$

Orden de Operaciones (C)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

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

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

$$9 \times (-10) - (-3)^3 + 10$$

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

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

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

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

Orden de Operaciones (C)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

$$\begin{aligned} & (7 + (-7)) \div (-3)^2 \times 4 \\ &= 0 \div (-3)^2 \times 4 \\ &= 0 \div 9 \times 4 \\ &= 0 \times 4 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & (-6) - (-7)^2 \div 7 \times 5 \\ &= (-6) - 49 \div 7 \times 5 \\ &= (-6) - 7 \times 5 \\ &= (-6) - 35 \\ &= -41 \end{aligned}$$

$$\begin{aligned} & (-2)^2 \div 4 - 9 \times 8 \\ &= 4 \div 4 - 9 \times 8 \\ &= 1 - 9 \times 8 \\ &= 1 - 72 \\ &= -71 \end{aligned}$$

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

$$\begin{aligned} & ((-9) \times (-5) - 9) \div (-6)^2 \\ &= (45 - 9) \div (-6)^2 \\ &= 36 \div (-6)^2 \\ &= 36 \div 36 \\ &= 1 \end{aligned}$$

$$\begin{aligned} & (10 \div (-5)) \times 6^2 + (-3) \\ &= (-2) \times 6^2 + (-3) \\ &= (-2) \times 36 + (-3) \\ &= (-72) + (-3) \\ &= -75 \end{aligned}$$

$$\begin{aligned} & 9 \times (-10) - (-3)^3 + 10 \\ &= 9 \times (-10) - (-27) + 10 \\ &= (-90) - (-27) + 10 \\ &= (-63) + 10 \\ &= -53 \end{aligned}$$

$$\begin{aligned} & ((-2) + 3) \times (-6) - 5^2 \\ &= 1 \times (-6) - 5^2 \\ &= 1 \times (-6) - 25 \\ &= (-6) - 25 \\ &= -31 \end{aligned}$$

$$\begin{aligned} & 7 + (-8)^2 - (-3) \times (-5) \\ &= 7 + 64 - (-3) \times (-5) \\ &= 7 + 64 - 15 \\ &= 71 - 15 \\ &= 56 \end{aligned}$$

Orden de Operaciones (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

$$(9 + 2^3 - 8) \times 6$$

$$6 - 7 \times 3^2 + 2$$

$$(-6) - 6 \times (-9) \div 3^3$$

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

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

$$(8 - (-4) + (-8))^2 \times 4$$

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

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

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

Orden de Operaciones (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned}7 - (-8)^2 \div 4 \times (-4) \\&= 7 - 64 \div 4 \times (-4) \\&= 7 - 16 \times (-4) \\&= 7 - (-64) \\&= 71\end{aligned}$$

$$\begin{aligned}(9 + 2^3 - 8) \times 6 \\&= (9 + 8 - 8) \times 6 \\&= (17 - 8) \times 6 \\&= 9 \times 6 \\&= 54\end{aligned}$$

$$\begin{aligned}6 - 7 \times 3^2 + 2 \\&= 6 - 7 \times 9 + 2 \\&= 6 - 63 + 2 \\&= (-57) + 2 \\&= -55\end{aligned}$$

$$\begin{aligned}(-6) - 6 \times (-9) \div 3^3 \\&= (-6) - 6 \times (-9) \div 27 \\&= (-6) - (-54) \div 27 \\&= (-6) - (-2) \\&= -4\end{aligned}$$

$$\begin{aligned}(-3)^3 - (-9) \times 9 + 5 \\&= (-27) - (-9) \times 9 + 5 \\&= (-27) - (-81) + 5 \\&= 54 + 5 \\&= 59\end{aligned}$$

$$\begin{aligned}7 + (-7)^2 \times (-2) - 3 \\&= 7 + 49 \times (-2) - 3 \\&= 7 + (-98) - 3 \\&= (-91) - 3 \\&= -94\end{aligned}$$

$$\begin{aligned}(8 - (-4) + (-8))^2 \times 4 \\&= (12 + (-8))^2 \times 4 \\&= 4^2 \times 4 \\&= 16 \times 4 \\&= 64 \\2^2 \times (-10) - 5 + (-5) \\&= 4 \times (-10) - 5 + (-5) \\&= (-40) - 5 + (-5) \\&= (-45) + (-5) \\&= -50\end{aligned}$$

$$\begin{aligned}8 \times (5 - (-2)^3 + (-10)) \\&= 8 \times (5 - (-8) + (-10)) \\&= 8 \times (13 + (-10)) \\&= 8 \times 3 \\&= 24 \\(-4)^2 \times 6 + 3 - 4 \\&= 16 \times 6 + 3 - 4 \\&= 96 + 3 - 4 \\&= 99 - 4 \\&= 95\end{aligned}$$

Orden de Operaciones (E)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

$$7 - 9 + 5 \times 4^2$$

$$10 \times 5 - (-6)^2 + (-8)$$

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

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

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

$$(-5) \times (7 - 4 + 2^3)$$

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

$$4 \times (-8) + 6 - (-2)^3$$

Orden de Operaciones (E)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

$$\begin{aligned} & 7 - 9 + 5 \times 4^2 \\ & = 7 - 9 + \underline{5 \times 16} \\ & = \underline{7 - 9} + 80 \\ & = \underline{(-2) + 80} \\ & = 78 \end{aligned}$$

$$\begin{aligned} & (-2) \times 8 + 9^2 - 5 \\ & = \underline{(-2) \times 8} + 81 - 5 \\ & = \underline{(-16) + 81} - 5 \\ & = \underline{65 - 5} \\ & = 60 \end{aligned}$$

$$\begin{aligned} & 5 \times 4^2 + (-9) - (-4) \\ & = \underline{5 \times 16} + (-9) - (-4) \\ & = \underline{80 + (-9)} - (-4) \\ & = \underline{71 - (-4)} \\ & = 75 \end{aligned}$$

$$\begin{aligned} & (-6)^2 + 9 \div 3 - (-10) \\ & = 36 + \underline{9 \div 3} - (-10) \\ & = \underline{36 + 3} - (-10) \\ & = \underline{39 - (-10)} \\ & = 49 \end{aligned}$$

$$\begin{aligned} & (-7) \times 9 \div \left(\underline{(-5) - (-2)} \right)^2 \\ & = (-7) \times 9 \div \underline{(-3)^2} \\ & = \underline{(-7) \times 9} \div 9 \\ & = \underline{(-63) \div 9} \\ & = -7 \end{aligned}$$

$$\begin{aligned} & 10 \times 5 - (-6)^2 + (-8) \\ & = \underline{10 \times 5} - 36 + (-8) \\ & = \underline{50 - 36} + (-8) \\ & = \underline{14 + (-8)} \\ & = 6 \end{aligned}$$

$$\begin{aligned} & 10 + 6 \times 2 - (-3)^3 \\ & = 10 + \underline{6 \times 2} - (-27) \\ & = \underline{10 + 12} - (-27) \\ & = \underline{22 - (-27)} \\ & = 49 \end{aligned}$$

$$\begin{aligned} & (-5) \times (7 - 4 + 2^3) \\ & = (-5) \times (\underline{7 - 4} + 8) \\ & = (-5) \times (\underline{3 + 8}) \\ & = \underline{(-5) \times 11} \\ & = -55 \end{aligned}$$

$$\begin{aligned} & 4 \times (-8) + 6 - (-2)^3 \\ & = \underline{4 \times (-8)} + 6 - (-8) \\ & = \underline{(-32) + 6} - (-8) \\ & = \underline{(-26) - (-8)} \\ & = -18 \end{aligned}$$

Orden de Operaciones (F)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

$$(-5) \times (-10) - 9^2 + 3$$

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

$$(-7) \times (-8) + 2 - (-2)^2$$

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

$$2 \times (-7)^2 + (-8) - (-2)$$

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

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

Orden de Operaciones (F)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & \left(\underline{8 - (-6)} + (-10) \right) \times (-2)^2 \\ & = \left(\underline{14 + (-10)} \right) \times (-2)^2 \\ & = 4 \times \underline{(-2)^2} \\ & = \underline{4 \times 4} \\ & = 16 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-4)^3} - (-7) + 7 \right) \times 2 \\ & = \left(\underline{(-64) - (-7)} + 7 \right) \times 2 \\ & = \left(\underline{(-57) + 7} \right) \times 2 \\ & = \underline{(-50) \times 2} \end{aligned}$$

$$\begin{aligned} & = \underline{-100} \\ & (-2) + 9 \times 6 - \underline{(-3)^2} \\ & = (-2) + \underline{9 \times 6} - 9 \\ & = \underline{(-2) + 54} - 9 \\ & = \underline{52 - 9} \\ & = 43 \end{aligned}$$

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

$$\begin{aligned} & = \underline{-8} \\ & \left(\underline{6 - 4} + 2 \right) \times (-2)^2 \\ & = \underline{(2 + 2)} \times (-2)^2 \\ & = 4 \times \underline{(-2)^2} \\ & = \underline{4 \times 4} \\ & = 16 \end{aligned}$$

$$\begin{aligned} & \underline{4^2} - (-2) + (-8) \times (-9) \\ & = 16 - (-2) + \underline{(-8) \times (-9)} \\ & = \underline{16 - (-2)} + 72 \\ & = \underline{18 + 72} \\ & = 90 \end{aligned}$$

$$\begin{aligned} & (-5) \times (-10) - \underline{9^2} + 3 \\ & = \underline{(-5) \times (-10)} - 81 + 3 \\ & = \underline{50 - 81} + 3 \\ & = \underline{(-31) + 3} \\ & = -28 \end{aligned}$$

$$\begin{aligned} & (-7) \times (-8) + 2 - \underline{(-2)^2} \\ & = \underline{(-7) \times (-8)} + 2 - 4 \\ & = \underline{56 + 2} - 4 \\ & = \underline{58 - 4} \\ & = 54 \end{aligned}$$

$$\begin{aligned} & 2 \times \underline{(-7)^2} + (-8) - (-2) \\ & = \underline{2 \times 49} + (-8) - (-2) \\ & = \underline{98 + (-8)} - (-2) \\ & = \underline{90 - (-2)} \\ & = 92 \end{aligned}$$

$$\begin{aligned} & (-9) + (-5) - (-7) \times \underline{2^3} \\ & = (-9) + (-5) - \underline{(-7) \times 8} \\ & = \underline{(-9) + (-5)} - (-56) \\ & = \underline{(-14) - (-56)} \\ & = 42 \end{aligned}$$

Orden de Operaciones (G)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

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

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

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

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

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

$$(-8) \div 2^3 \times (-6) + (-4)$$

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

Orden de Operaciones (G)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned}8 \div (-4) \times (-6)^2 + 7 \\&= \underline{8 \div (-4)} \times 36 + 7 \\&= \underline{(-2) \times 36} + 7 \\&= \underline{(-72) + 7} \\&= -65\end{aligned}$$

$$\begin{aligned}(-5) \div 5 \times 8^2 - 6 \\&= \underline{(-5) \div 5} \times 64 - 6 \\&= \underline{(-1) \times 64} - 6 \\&= \underline{(-64) - 6} \\&= -70\end{aligned}$$

$$\begin{aligned}(-7) + 2^3 \times 3 - 8 \\&= (-7) + \underline{8 \times 3} - 8 \\&= \underline{(-7) + 24} - 8 \\&= \underline{17 - 8} \\&= 9\end{aligned}$$

$$\begin{aligned}\underline{(-2)^2} - 6 + (-9) \times (-3) \\&= 4 - 6 + \underline{(-9) \times (-3)} \\&= \underline{4 - 6} + 27 \\&= \underline{(-2) + 27} \\&= 25\end{aligned}$$

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

$$\begin{aligned}(\underline{3 - (-3)} + (-10))^3 \div (-8) \\&= (\underline{6 + (-10)})^3 \div (-8) \\&= \underline{(-4)^3} \div (-8) \\&= \underline{(-64) \div (-8)} \\&= 8 \\&(-2) + \underline{2^3} - 9 \times (-4) \\&= (-2) + 8 - \underline{9 \times (-4)} \\&= \underline{(-2) + 8} - (-36) \\&= \underline{6 - (-36)} \\&= 42\end{aligned}$$

$$\begin{aligned}6 + \underline{(-2)^3} \div (-8) - (-10) \\&= 6 + \underline{(-8) \div (-8)} - (-10) \\&= \underline{6 + 1} - (-10) \\&= \underline{7 - (-10)} \\&= 17\end{aligned}$$

$$\begin{aligned}(\underline{10 \div (-5)} - (-2)) \times (-3)^3 \\&= (\underline{(-2) - (-2)}) \times (-3)^3 \\&= 0 \times \underline{(-3)^3} \\&= \underline{0 \times (-27)} \\&= 0\end{aligned}$$

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

Orden de Operaciones (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

$$8 - (-2)^2 + (-10) \times (-9)$$

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

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

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

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

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

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

Orden de Operaciones (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & 4 \times (-6) \div 8 + 3^3 \\ & = 4 \times (-6) \div 8 + 27 \\ & = (-24) \div 8 + 27 \\ & = (-3) + 27 \\ & = 24 \end{aligned}$$

$$\begin{aligned} & (-5)^2 - 2 \times (-9) + 6 \\ & = 25 - 2 \times (-9) + 6 \\ & = 25 - (-18) + 6 \\ & = 43 + 6 \\ & = 49 \end{aligned}$$

$$\begin{aligned} & 9 \times (-9) + (-5)^2 - (-10) \\ & = 9 \times (-9) + 25 - (-10) \\ & = (-81) + 25 - (-10) \\ & = (-56) - (-10) \\ & = -46 \end{aligned}$$

$$\begin{aligned} & 6 \times 3 - (-9) + 7^2 \\ & = 6 \times 3 - (-9) + 49 \\ & = 18 - (-9) + 49 \\ & = 27 + 49 \\ & = 76 \end{aligned}$$

$$\begin{aligned} & (-2)^2 \div (-4) + 4 \times 9 \\ & = 4 \div (-4) + 4 \times 9 \\ & = (-1) + 4 \times 9 \\ & = (-1) + 36 \\ & = 35 \end{aligned}$$

$$\begin{aligned} & (-6) - 10^2 \div (4 + (-5)) \\ & = (-6) - 10^2 \div (-1) \\ & = (-6) - 100 \div (-1) \\ & = (-6) - (-100) \\ & = 94 \end{aligned}$$

$$\begin{aligned} & 8 - (-2)^2 + (-10) \times (-9) \\ & = 8 - 4 + (-10) \times (-9) \\ & = 8 - 4 + 90 \\ & = 4 + 90 \\ & = 94 \end{aligned}$$

$$\begin{aligned} & (-3) - 3^2 \times 2 + 4 \\ & = (-3) - 9 \times 2 + 4 \\ & = (-3) - 18 + 4 \\ & = (-21) + 4 \\ & = -17 \end{aligned}$$

$$\begin{aligned} & 4 \div 2^2 - (-6) \times (-2) \\ & = 4 \div 4 - (-6) \times (-2) \\ & = 1 - (-6) \times (-2) \\ & = 1 - 12 \\ & = -11 \end{aligned}$$

$$\begin{aligned} & 2 \times 10 - (-4)^3 + (-9) \\ & = 2 \times 10 - (-64) + (-9) \\ & = 20 - (-64) + (-9) \\ & = 84 + (-9) \\ & = 75 \end{aligned}$$

Orden de Operaciones (I)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

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

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

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

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

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

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

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

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

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

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

Orden de Operaciones (I)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & (-7) - 5^2 + (-6) \times (-8) \\ & = (-7) - 25 + \underline{(-6) \times (-8)} \\ & = \underline{(-7) - 25} + 48 \\ & = \underline{(-32) + 48} \\ & = 16 \end{aligned}$$

$$\begin{aligned} & \underline{(-3)^3} - 2 + 8 \div (-8) \\ & = (-27) - 2 + \underline{8 \div (-8)} \\ & = \underline{(-27) - 2} + (-1) \\ & = \underline{(-29) + (-1)} \\ & = -30 \end{aligned}$$

$$\begin{aligned} & (-6) \div 3 + 2^3 - (-8) \\ & = \underline{(-6) \div 3} + 8 - (-8) \\ & = \underline{(-2) + 8} - (-8) \\ & = \underline{6 - (-8)} \\ & = 14 \end{aligned}$$

$$\begin{aligned} & \underline{(4 + (-6) - 3)} \times (-3)^2 \\ & = \underline{((-2) - 3)} \times (-3)^2 \\ & = (-5) \times \underline{(-3)^2} \\ & = \underline{(-5) \times 9} \\ & = -45 \end{aligned}$$

$$\begin{aligned} & (-7) \times (-4) + 6^2 \div (-9) \\ & = \underline{(-7) \times (-4)} + 36 \div (-9) \\ & = 28 + \underline{36 \div (-9)} \\ & = \underline{28 + (-4)} \\ & = 24 \end{aligned}$$

$$\begin{aligned} & \underline{(-7)^2} - 8 + 4 \div (-4) \\ & = 49 - 8 + \underline{4 \div (-4)} \\ & = \underline{49 - 8} + (-1) \\ & = \underline{41 + (-1)} \\ & = 40 \end{aligned}$$

$$\begin{aligned} & \underline{(9 + (-3))} \times 2^2 \div (-8) \\ & = 6 \times \underline{2^2} \div (-8) \\ & = \underline{6 \times 4} \div (-8) \\ & = \underline{24 \div (-8)} \\ & = -3 \end{aligned}$$

$$\begin{aligned} & (-3) \times \underline{((-6)^2 + (-4) - 4)} \\ & = (-3) \times \underline{(36 + (-4) - 4)} \\ & = (-3) \times \underline{(32 - 4)} \\ & = \underline{(-3) \times 28} \\ & = -84 \end{aligned}$$

$$\begin{aligned} & (-9) - (-8) + 2 \times 4^2 \\ & = (-9) - (-8) + \underline{2 \times 16} \\ & = \underline{(-9) - (-8)} + 32 \\ & = \underline{(-1) + 32} \\ & = 31 \end{aligned}$$

$$\begin{aligned} & (-6) \times \underline{((-5) - (-2)^2 + 5)} \\ & = (-6) \times \underline{((-5) - 4 + 5)} \\ & = (-6) \times \underline{((-9) + 5)} \\ & = \underline{(-6) \times (-4)} \\ & = 24 \end{aligned}$$

Orden de Operaciones (J)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$3 \times 10 + 8 - 4^2$$

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

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

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

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

$$8 - 3 \times 2^2 + 4$$

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

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

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

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

Orden de Operaciones (J)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden correcto para las operaciones.

$$\begin{aligned} & 3 \times 10 + 8 - 4^2 \\ & = 3 \times 10 + 8 - 16 \\ & = 30 + 8 - 16 \\ & = 38 - 16 \\ & = 22 \end{aligned}$$

$$\begin{aligned} & (-2)^3 \div 4 + (-6) - (-7) \\ & = (-8) \div 4 + (-6) - (-7) \\ & = (-2) + (-6) - (-7) \\ & = (-8) - (-7) \\ & = -1 \end{aligned}$$

$$\begin{aligned} & ((-8) \div 2^3) \times (-6) - 7 \\ & = ((-8) \div 8) \times (-6) - 7 \\ & = (-1) \times (-6) - 7 \\ & = 6 - 7 \\ & = -1 \end{aligned}$$

$$\begin{aligned} & ((-5) - (-2))^2 \times 2 \div 6 \\ & = (-3)^2 \times 2 \div 6 \\ & = 9 \times 2 \div 6 \\ & = 18 \div 6 \\ & = 3 \end{aligned}$$

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

$$\begin{aligned} & 8 - 3 \times 2^2 + 4 \\ & = 8 - 3 \times 4 + 4 \\ & = 8 - 12 + 4 \\ & = (-4) + 4 \\ & = 0 \end{aligned}$$

$$\begin{aligned} & ((-3)^2 - 6) \div 3 \times (-10) \\ & = (9 - 6) \div 3 \times (-10) \\ & = 3 \div 3 \times (-10) \\ & = 1 \times (-10) \\ & = -10 \end{aligned}$$

$$\begin{aligned} & (9^2 - (-4) + 3) \div (-8) \\ & = (81 - (-4) + 3) \div (-8) \\ & = (85 + 3) \div (-8) \\ & = 88 \div (-8) \\ & = -11 \end{aligned}$$

$$\begin{aligned} & 2 \times (-10) - 6^2 \div 9 \\ & = 2 \times (-10) - 36 \div 9 \\ & = (-20) - 36 \div 9 \\ & = (-20) - 4 \\ & = -24 \end{aligned}$$

$$\begin{aligned} & (-4)^3 + (-2) \times (-9) - (-7) \\ & = (-64) + (-2) \times (-9) - (-7) \\ & = (-64) + 18 - (-7) \\ & = (-46) - (-7) \\ & = -39 \end{aligned}$$