

Orden de Operaciones con Decimales (A)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(0.5 - (-8.7) \times (-8.3)) \div ((0.6)^2 + (-4.4)) \quad (-7.7)^2 \div ((-0.5) \times 5.6 + (-2.4) - (-0.3))$$

$$9.9 + (-7.5) \times ((-3.5) \div 0.7 - (0.4)^2)$$

$$4.6 + (4.5)^2 \div (5.3 - 8.3) \times (-4.6)$$

$$(-8.4) \times ((-1.2) + 0.3) \div ((2.9)^2 - 8.2)$$

$$((7.8)^2 + 3.3 \times 7.4) \div ((-5.5) - (-2.7))$$

Orden de Operaciones con Decimales (A) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (0.5 - \underline{(-8.7) \times (-8.3)}) \div ((0.6)^2 + (-4.4)) & (-7.7)^2 \div (\underline{(-0.5) \times 5.6} + (-2.4) - (-0.3)) \\ & = \underline{0.5 - 72.21} \div ((0.6)^2 + (-4.4)) & = (-7.7)^2 \div (\underline{(-2.8) + (-2.4)} - (-0.3)) \\ & = (-71.71) \div (\underline{(0.6)^2} + (-4.4)) & = (-7.7)^2 \div (\underline{(-5.2) - (-0.3)}) \\ & = (-71.71) \div (\underline{0.36 + (-4.4)}) & = \underline{(-7.7)^2} \div (-4.9) \\ & = \underline{(-71.71) \div (-4.04)} & = \underline{59.29 \div (-4.9)} \\ & = 17.75 & = -12.1 \end{aligned}$$

$$\begin{aligned} & 9.9 + (-7.5) \times ((-3.5) \div 0.7 - \underline{(0.4)^2}) & 4.6 + (4.5)^2 \div \underline{(5.3 - 8.3)} \times (-4.6) \\ & = 9.9 + (-7.5) \times (\underline{(-3.5) \div 0.7} - 0.16) & = 4.6 + \underline{(4.5)^2} \div (-3) \times (-4.6) \\ & = 9.9 + (-7.5) \times (\underline{(-5) - 0.16}) & = 4.6 + \underline{20.25 \div (-3)} \times (-4.6) \\ & = 9.9 + \underline{(-7.5) \times (-5.16)} & = 4.6 + \underline{(-6.75) \times (-4.6)} \\ & = \underline{9.9 + 38.7} & = \underline{4.6 + 31.05} \\ & = 48.6 & = 35.65 \end{aligned}$$

$$\begin{aligned} & (-8.4) \times (\underline{(-1.2) + 0.3}) \div ((2.9)^2 - 8.2) & (\underline{(7.8)^2} + 3.3 \times 7.4) \div ((-5.5) - (-2.7)) \\ & = (-8.4) \times (-0.9) \div (\underline{(2.9)^2} - 8.2) & = (60.84 + \underline{3.3 \times 7.4}) \div ((-5.5) - (-2.7)) \\ & = (-8.4) \times (-0.9) \div (\underline{8.41 - 8.2}) & = (\underline{60.84 + 24.42}) \div ((-5.5) - (-2.7)) \\ & = \underline{(-8.4) \times (-0.9)} \div 0.21 & = 85.26 \div (\underline{(-5.5) - (-2.7)}) \\ & = \underline{7.56 \div 0.21} & = \underline{85.26 \div (-2.8)} \\ & = 36 & = -30.45 \end{aligned}$$

Orden de Operaciones con Decimales (B)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(-9.6)^2 + (-5.4) \div 1.8 \times (8.3 - 0.6)$$

$$((-2.3) + (-4.1) - (-6.6)) \div (0.1)^2 \times 3.7$$

$$\left((1.8)^2 \div (-1.8) \right) \times ((-5.3) - 0.7 + (-7.7))$$

$$\left((-5.1) \div (-0.6) \right) \times 1.5 - 1.4 + (-0.7)^2$$

$$(2.8)^2 \div (3.1 - (-2.5)) \times ((-5.4) + 1.7)$$

$$\left((2.5)^2 \div (9.1 - 2.2 + 5.6) \right) \times 4.3$$

Orden de Operaciones con Decimales (B) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (-9.6)^2 + (-5.4) \div 1.8 \times (8.3 - 0.6) \\ &= \underline{(-9.6)^2} + (-5.4) \div 1.8 \times 7.7 \\ &= 92.16 + \underline{(-5.4) \div 1.8} \times 7.7 \\ &= 92.16 + \underline{(-3) \times 7.7} \\ &= \underline{92.16 + (-23.1)} \\ &= 69.06 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-2.3) + (-4.1)} - (-6.6) \right) \div (0.1)^2 \times 3.7 \\ &= \left(\underline{(-6.4) - (-6.6)} \right) \div (0.1)^2 \times 3.7 \\ &= 0.2 \div \underline{(0.1)^2} \times 3.7 \\ &= \underline{0.2 \div 0.01} \times 3.7 \\ &= \underline{20 \times 3.7} \\ &= 74 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(1.8)^2} \div (-1.8) \right) \times ((-5.3) - 0.7 + (-7.7)) \\ &= \left(\underline{3.24 \div (-1.8)} \right) \times ((-5.3) - 0.7 + (-7.7)) \\ &= (-1.8) \times \left(\underline{(-5.3) - 0.7} + (-7.7) \right) \\ &= (-1.8) \times \left(\underline{(-6) + (-7.7)} \right) \\ &= \underline{(-1.8) \times (-13.7)} \\ &= 24.66 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-5.1) \div (-0.6)} \right) \times 1.5 - 1.4 + (-0.7)^2 \\ &= 8.5 \times 1.5 - 1.4 + \underline{(-0.7)^2} \\ &= \underline{8.5 \times 1.5} - 1.4 + 0.49 \\ &= \underline{12.75 - 1.4} + 0.49 \\ &= \underline{11.35 + 0.49} \\ &= 11.84 \end{aligned}$$

$$\begin{aligned} & (2.8)^2 \div \left(\underline{3.1 - (-2.5)} \right) \times ((-5.4) + 1.7) \\ &= (2.8)^2 \div 5.6 \times \left(\underline{(-5.4) + 1.7} \right) \\ &= \underline{(2.8)^2} \div 5.6 \times (-3.7) \\ &= \underline{7.84 \div 5.6} \times (-3.7) \\ &= \underline{1.4 \times (-3.7)} \\ &= -5.18 \end{aligned}$$

$$\begin{aligned} & \left((2.5)^2 \div \underline{(9.1 - 2.2 + 5.6)} \right) \times 4.3 \\ &= \left((2.5)^2 \div \underline{(6.9 + 5.6)} \right) \times 4.3 \\ &= \left(\underline{(2.5)^2} \div 12.5 \right) \times 4.3 \\ &= \underline{(6.25 \div 12.5)} \times 4.3 \\ &= \underline{0.5 \times 4.3} \\ &= 2.15 \end{aligned}$$

Orden de Operaciones con Decimales (C)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$1.8 \div 2.4 \times (7.1 - (1.6)^2 + (-3.1))$$

$$(3.3)^2 \div 5.5 \times (5.4 - (-8.7) + 5.9)$$

$$((-2.5) + (0.9)^2 - 3.2) \div ((-0.5) \times (-0.4))$$

$$(9.7)^2 + 4.3 \times (4.6 \div (-2.3) - 3.9)$$

$$(5.7)^2 \times ((-6.6) + (-0.3) \div 0.6 - (-8.1))$$

$$((6.1 - 2.8 + (-3.7))^2 \div 0.8) \times 1.6$$

Orden de Operaciones con Decimales (C) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 1.8 \div 2.4 \times (7.1 - \underline{(1.6)^2} + (-3.1)) \\ & = 1.8 \div 2.4 \times (\underline{7.1 - 2.56} + (-3.1)) \\ & = 1.8 \div 2.4 \times (\underline{4.54 + (-3.1)}) \\ & = \underline{1.8 \div 2.4} \times 1.44 \\ & = \underline{0.75 \times 1.44} \\ & = \underline{1.08} \end{aligned}$$

$$\begin{aligned} & (3.3)^2 \div 5.5 \times (\underline{5.4 - (-8.7)} + 5.9) \\ & = (3.3)^2 \div 5.5 \times (\underline{14.1 + 5.9}) \\ & = \underline{(3.3)^2} \div 5.5 \times 20 \\ & = \underline{10.89 \div 5.5} \times 20 \\ & = \underline{1.98 \times 20} \\ & = \underline{39.6} \end{aligned}$$

$$\begin{aligned} & ((-2.5) + \underline{(0.9)^2} - 3.2) \div ((-0.5) \times (-0.4)) \\ & = (\underline{(-2.5) + 0.81} - 3.2) \div ((-0.5) \times (-0.4)) \\ & = (\underline{(-1.69) - 3.2}) \div ((-0.5) \times (-0.4)) \\ & = (-4.89) \div (\underline{(-0.5) \times (-0.4)}) \\ & = \underline{(-4.89) \div 0.2} \\ & = \underline{-24.45} \end{aligned}$$

$$\begin{aligned} & (9.7)^2 + 4.3 \times (\underline{4.6 \div (-2.3)} - 3.9) \\ & = (9.7)^2 + 4.3 \times (\underline{(-2) - 3.9}) \\ & = \underline{(9.7)^2} + 4.3 \times (-5.9) \\ & = 94.09 + \underline{4.3 \times (-5.9)} \\ & = \underline{94.09 + (-25.37)} \\ & = \underline{68.72} \end{aligned}$$

$$\begin{aligned} & (5.7)^2 \times ((-6.6) + \underline{(-0.3) \div 0.6} - (-8.1)) \\ & = (5.7)^2 \times (\underline{(-6.6) + (-0.5)} - (-8.1)) \\ & = (5.7)^2 \times (\underline{(-7.1) - (-8.1)}) \\ & = \underline{(5.7)^2} \times 1 \\ & = \underline{32.49 \times 1} \\ & = \underline{32.49} \end{aligned}$$

$$\begin{aligned} & ((\underline{6.1 - 2.8} + (-3.7))^2 \div 0.8) \times 1.6 \\ & = \left((\underline{3.3 + (-3.7)})^2 \div 0.8 \right) \times 1.6 \\ & = (\underline{(-0.4)^2} \div 0.8) \times 1.6 \\ & = (\underline{0.16 \div 0.8}) \times 1.6 \\ & = \underline{0.2 \times 1.6} \\ & = \underline{0.32} \end{aligned}$$

Orden de Operaciones con Decimales (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left((3.6)^2 - 5.1 \div (4.1 + (-6.6)) \right) \times (-2.3) \quad (9.4 - 2.6)^2 \times (9.1 + (-8.6)) \div (-0.5)$$

$$\left((-8.8) \div 8.8 - (-6.6)^2 \right) \times (5.3 + (-4.8)) \quad ((-7.2) + 3.5 \times 5.8 - 9.2)^2 \div 4.5$$

$$\left((-7.2) - 8.9 \times 5.9 \right) \div (-3.5) + (-1.5)^2 \quad \left(2.4 + (-1.9) \div (0.5)^2 \right) \times 3.7 - 4.2$$

Orden de Operaciones con Decimales (D) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left((3.6)^2 - 5.1 \div (4.1 + (-6.6)) \right) \times (-2.3) \\ &= \left((3.6)^2 - 5.1 \div (-2.5) \right) \times (-2.3) \\ &= \left(12.96 - 5.1 \div (-2.5) \right) \times (-2.3) \\ &= \left(12.96 - (-2.04) \right) \times (-2.3) \\ &= 15 \times (-2.3) \\ &= -34.5 \end{aligned}$$

$$\begin{aligned} & (9.4 - 2.6)^2 \times (9.1 + (-8.6)) \div (-0.5) \\ &= (6.8)^2 \times (9.1 + (-8.6)) \div (-0.5) \\ &= (6.8)^2 \times 0.5 \div (-0.5) \\ &= 46.24 \times 0.5 \div (-0.5) \\ &= 23.12 \div (-0.5) \\ &= -46.24 \end{aligned}$$

$$\begin{aligned} & \left((-8.8) \div 8.8 - (-6.6)^2 \right) \times (5.3 + (-4.8)) \\ &= \left((-8.8) \div 8.8 - 43.56 \right) \times (5.3 + (-4.8)) \\ &= \left((-1) - 43.56 \right) \times (5.3 + (-4.8)) \\ &= (-44.56) \times (5.3 + (-4.8)) \\ &= (-44.56) \times 0.5 \\ &= -22.28 \end{aligned}$$

$$\begin{aligned} & ((-7.2) + 3.5 \times 5.8 - 9.2)^2 \div 4.5 \\ &= \left((-7.2) + 20.3 - 9.2 \right)^2 \div 4.5 \\ &= (13.1 - 9.2)^2 \div 4.5 \\ &= (3.9)^2 \div 4.5 \\ &= 15.21 \div 4.5 \\ &= 3.38 \end{aligned}$$

$$\begin{aligned} & ((-7.2) - 8.9 \times 5.9) \div (-3.5) + (-1.5)^2 \\ &= \left((-7.2) - 52.51 \right) \div (-3.5) + (-1.5)^2 \\ &= (-59.71) \div (-3.5) + (-1.5)^2 \\ &= (-59.71) \div (-3.5) + 2.25 \\ &= 17.06 + 2.25 \\ &= 19.31 \end{aligned}$$

$$\begin{aligned} & \left(2.4 + (-1.9) \div (0.5)^2 \right) \times 3.7 - 4.2 \\ &= \left(2.4 + (-1.9) \div 0.25 \right) \times 3.7 - 4.2 \\ &= \left(2.4 + (-7.6) \right) \times 3.7 - 4.2 \\ &= (-5.2) \times 3.7 - 4.2 \\ &= (-19.24) - 4.2 \\ &= -23.44 \end{aligned}$$

Orden de Operaciones con Decimales (E)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$((-8.1) + 9.5) \times ((-3.6) \div (1.2)^2 - 5.6)$$

$$8.3 + (-1.1) \div (-2.2) \times ((-3.1) - 6.3)^2$$

$$((-6.1)^2 + 9.2) \div 0.5 - 0.2 \times 9.1$$

$$4.4 + 8.2 \times ((-2.6)^2 \div 1.3 - (-5.7))$$

$$((-5.2) \div (-0.4)) \times 2.3 + 2.7 - (-0.9)^2$$

$$((-9.8) - (-7.8) + 8.6)^2 \div (1.1 \times 4.5)$$

Orden de Operaciones con Decimales (E) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left(\underline{(-8.1) + 9.5} \right) \times \left((-3.6) \div (1.2)^2 - 5.6 \right) \\ &= 1.4 \times \left((-3.6) \div \underline{(1.2)^2} - 5.6 \right) \\ &= 1.4 \times \left(\underline{(-3.6) \div 1.44} - 5.6 \right) \\ &= 1.4 \times \left(\underline{(-2.5) - 5.6} \right) \\ &= \underline{1.4 \times (-8.1)} \\ &= -11.34 \end{aligned}$$

$$\begin{aligned} & 8.3 + (-1.1) \div (-2.2) \times \left(\underline{(-3.1) - 6.3} \right)^2 \\ &= 8.3 + (-1.1) \div (-2.2) \times \underline{(-9.4)^2} \\ &= 8.3 + \underline{(-1.1) \div (-2.2)} \times 88.36 \\ &= 8.3 + \underline{0.5 \times 88.36} \\ &= \underline{8.3 + 44.18} \\ &= 52.48 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-6.1)^2} + 9.2 \right) \div 0.5 - 0.2 \times 9.1 \\ &= \underline{(37.21 + 9.2)} \div 0.5 - 0.2 \times 9.1 \\ &= \underline{46.41 \div 0.5} - 0.2 \times 9.1 \\ &= 92.82 - \underline{0.2 \times 9.1} \\ &= \underline{92.82 - 1.82} \\ &= 91 \end{aligned}$$

$$\begin{aligned} & 4.4 + 8.2 \times \left(\underline{(-2.6)^2} \div 1.3 - (-5.7) \right) \\ &= 4.4 + 8.2 \times \left(\underline{6.76 \div 1.3} - (-5.7) \right) \\ &= 4.4 + 8.2 \times \left(\underline{5.2 - (-5.7)} \right) \\ &= 4.4 + \underline{8.2 \times 10.9} \\ &= \underline{4.4 + 89.38} \\ &= 93.78 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-5.2) \div (-0.4)} \right) \times 2.3 + 2.7 - (-0.9)^2 \\ &= 13 \times 2.3 + 2.7 - \underline{(-0.9)^2} \\ &= \underline{13 \times 2.3} + 2.7 - 0.81 \\ &= \underline{29.9 + 2.7} - 0.81 \\ &= \underline{32.6 - 0.81} \\ &= 31.79 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-9.8) - (-7.8)} + 8.6 \right)^2 \div (1.1 \times 4.5) \\ &= \left(\underline{(-2) + 8.6} \right)^2 \div (1.1 \times 4.5) \\ &= (6.6)^2 \div \underline{(1.1 \times 4.5)} \\ &= \underline{(6.6)^2} \div 4.95 \\ &= \underline{43.56 \div 4.95} \\ &= 8.8 \end{aligned}$$

Orden de Operaciones con Decimales (F)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$1.4 \times \left((-9.1) + 7.3 - (2.2)^2 \div (-8.8) \right) \quad (2.1 \times (-4.1) + (-0.2) - 8.3) \div (0.5)^2$$

$$\left((-0.8) + 8.6 \right) \div (-1.3) \times (-8.6) - (7.6)^2 \quad 0.6 \div \left((-0.6) + (-8.3) - (-9.2) \right) \times (-6.3)^2$$

$$(-7.4) \div (-3.7) \times \left((5.2)^2 - (-2.9) + (-7.7) \right) \quad \left((-7.4) \times (-0.1) - (-6.8)^2 \right) \div (7.3 + (-4.7))$$

Orden de Operaciones con Decimales (F) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 1.4 \times \left((-9.1) + 7.3 - \underline{(2.2)^2} \div (-8.8) \right) \\ & = 1.4 \times \left((-9.1) + 7.3 - \underline{4.84 \div (-8.8)} \right) \\ & = 1.4 \times \left(\underline{(-9.1) + 7.3} - (-0.55) \right) \\ & = 1.4 \times \left(\underline{(-1.8) - (-0.55)} \right) \\ & = \underline{1.4 \times (-1.25)} \\ & = -1.75 \end{aligned}$$

$$\begin{aligned} & \left(\underline{2.1 \times (-4.1)} + (-0.2) - 8.3 \right) \div (0.5)^2 \\ & = \left(\underline{(-8.61) + (-0.2)} - 8.3 \right) \div (0.5)^2 \\ & = \left(\underline{(-8.81) - 8.3} \right) \div (0.5)^2 \\ & = (-17.11) \div \underline{(0.5)^2} \\ & = \underline{(-17.11) \div 0.25} \\ & = -68.44 \end{aligned}$$

$$\begin{aligned} & \left(\left(\underline{(-0.8) + 8.6} \right) \div (-1.3) \right) \times (-8.6) - (7.6)^2 \\ & = \left(\underline{7.8 \div (-1.3)} \right) \times (-8.6) - (7.6)^2 \\ & = (-6) \times (-8.6) - \underline{(7.6)^2} \\ & = \underline{(-6) \times (-8.6)} - 57.76 \\ & = \underline{51.6 - 57.76} \\ & = -6.16 \end{aligned}$$

$$\begin{aligned} & 0.6 \div \left(\underline{(-0.6) + (-8.3)} - (-9.2) \right) \times (-6.3)^2 \\ & = 0.6 \div \left(\underline{(-8.9) - (-9.2)} \right) \times (-6.3)^2 \\ & = 0.6 \div 0.3 \times \underline{(-6.3)^2} \\ & = \underline{0.6 \div 0.3} \times 39.69 \\ & = \underline{2 \times 39.69} \\ & = 79.38 \end{aligned}$$

$$\begin{aligned} & (-7.4) \div (-3.7) \times \left(\underline{(5.2)^2} - (-2.9) + (-7.7) \right) \quad \left((-7.4) \times (-0.1) - \underline{(-6.8)^2} \right) \div (7.3 + (-4.7)) \\ & = (-7.4) \div (-3.7) \times \left(\underline{27.04 - (-2.9)} + (-7.7) \right) = \left(\underline{(-7.4) \times (-0.1)} - 46.24 \right) \div (7.3 + (-4.7)) \\ & = (-7.4) \div (-3.7) \times \left(\underline{29.94 + (-7.7)} \right) = \left(\underline{0.74 - 46.24} \right) \div (7.3 + (-4.7)) \\ & = \underline{(-7.4) \div (-3.7)} \times 22.24 = (-45.5) \div \left(\underline{7.3 + (-4.7)} \right) \\ & = \underline{2 \times 22.24} = \underline{(-45.5) \div 2.6} \\ & = 44.48 = -17.5 \end{aligned}$$

Orden de Operaciones con Decimales (G)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$4.7 + (-8.5) \times \left((-2.8)^2 \div (-0.5) - (-5.3) \right) \quad \left((6.8)^2 \div 3.4 \right) \times (0.5 + 3.3 - 5.1)$$

$$\left((-8.5) - (-6.6) + (-9.6) \right) \times 1.8 \div (-0.6)^2 \quad (8.5)^2 - 4.9 \times \left((-6.3) \div (-2.1) + 0.5 \right)$$

$$9.5 \times (-3.3) + (-8.5)^2 \div (5.9 - 2.5) \quad \left(\left((-1.4) - 7.8 + 3.4 \right) \div (-5.8) \right)^2 \times (-5.7)$$

Orden de Operaciones con Decimales (G) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 4.7 + (-8.5) \times \left(\underline{(-2.8)^2} \div (-0.5) - (-5.3) \right) \\ &= 4.7 + (-8.5) \times \left(\underline{7.84 \div (-0.5)} - (-5.3) \right) \\ &= 4.7 + (-8.5) \times \left(\underline{(-15.68) - (-5.3)} \right) \\ &= 4.7 + \underline{(-8.5) \times (-10.38)} \\ &= \underline{4.7 + 88.23} \\ &= \underline{92.93} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(6.8)^2} \div 3.4 \right) \times (0.5 + 3.3 - 5.1) \\ &= \underline{(46.24 \div 3.4)} \times (0.5 + 3.3 - 5.1) \\ &= 13.6 \times \underline{(0.5 + 3.3 - 5.1)} \\ &= 13.6 \times \underline{(3.8 - 5.1)} \\ &= \underline{13.6 \times (-1.3)} \\ &= \underline{-17.68} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-8.5) - (-6.6)} + (-9.6) \right) \times 1.8 \div (-0.6)^2 \\ &= \left(\underline{(-1.9) + (-9.6)} \right) \times 1.8 \div (-0.6)^2 \\ &= (-11.5) \times 1.8 \div \underline{(-0.6)^2} \\ &= \underline{(-11.5) \times 1.8} \div 0.36 \\ &= \underline{(-20.7) \div 0.36} \\ &= \underline{-57.5} \end{aligned}$$

$$\begin{aligned} & (8.5)^2 - 4.9 \times \left(\underline{(-6.3) \div (-2.1)} + 0.5 \right) \\ &= (8.5)^2 - 4.9 \times \underline{(3 + 0.5)} \\ &= \underline{(8.5)^2} - 4.9 \times 3.5 \\ &= 72.25 - \underline{4.9 \times 3.5} \\ &= \underline{72.25 - 17.15} \\ &= \underline{55.1} \end{aligned}$$

$$\begin{aligned} & 9.5 \times (-3.3) + (-8.5)^2 \div \underline{(5.9 - 2.5)} \\ &= 9.5 \times (-3.3) + \underline{(-8.5)^2} \div 3.4 \\ &= \underline{9.5 \times (-3.3)} + 72.25 \div 3.4 \\ &= (-31.35) + \underline{72.25 \div 3.4} \\ &= \underline{(-31.35) + 21.25} \\ &= \underline{-10.1} \end{aligned}$$

$$\begin{aligned} & \left(\left(\underline{(-1.4) - 7.8} + 3.4 \right) \div (-5.8) \right)^2 \times (-5.7) \\ &= \left(\left(\underline{(-9.2) + 3.4} \right) \div (-5.8) \right)^2 \times (-5.7) \\ &= \left(\underline{(-5.8) \div (-5.8)} \right)^2 \times (-5.7) \\ &= \underline{1^2} \times (-5.7) \\ &= \underline{1 \times (-5.7)} \\ &= \underline{-5.7} \end{aligned}$$

Orden de Operaciones con Decimales (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(1.25 - (0.9)^2 + (-2.8)) \times (3.75 \div (-0.5)) \quad (4.6 \times (8.4 + (-3.9))) \div 0.9 - (-4.4)^2$$

$$((-4.1) - (-7.1)) \div (0.4)^2 + 4.7 \times 5.3$$

$$(-7.7) \div (7.5 + (-8.5))^2 \times (-8.4) - (-8.6)$$

$$(-9.6) - (3.6)^2 \div (((-4.8) + 6.6) \times 4.5)$$

$$((-3.2) + (-8.2) \times 2.7 - (2.8)^2) \div 2.8$$

Orden de Operaciones con Decimales (H) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (1.25 - \underline{(0.9)^2} + (-2.8)) \times (3.75 \div (-0.5)) \\ &= \underline{(1.25 - 0.81} + (-2.8)) \times (3.75 \div (-0.5)) \\ &= \underline{(0.44 + (-2.8))} \times (3.75 \div (-0.5)) \\ &= (-2.36) \times \underline{(3.75 \div (-0.5))} \\ &= \underline{(-2.36) \times (-7.5)} \\ &= 17.7 \end{aligned}$$

$$\begin{aligned} & (4.6 \times (\underline{8.4 + (-3.9)})) \div 0.9 - (-4.4)^2 \\ &= \underline{(4.6 \times 4.5)} \div 0.9 - (-4.4)^2 \\ &= 20.7 \div 0.9 - \underline{(-4.4)^2} \\ &= \underline{20.7 \div 0.9} - 19.36 \\ &= \underline{23 - 19.36} \\ &= 3.64 \end{aligned}$$

$$\begin{aligned} & (\underline{(-4.1) - (-7.1)}) \div (0.4)^2 + 4.7 \times 5.3 \\ &= 3 \div \underline{(0.4)^2} + 4.7 \times 5.3 \\ &= \underline{3 \div 0.16} + 4.7 \times 5.3 \\ &= 18.75 + \underline{4.7 \times 5.3} \\ &= \underline{18.75 + 24.91} \\ &= 43.66 \end{aligned}$$

$$\begin{aligned} & (-7.7) \div (\underline{7.5 + (-8.5)})^2 \times (-8.4) - (-8.6) \\ &= (-7.7) \div \underline{(-1)^2} \times (-8.4) - (-8.6) \\ &= \underline{(-7.7) \div 1} \times (-8.4) - (-8.6) \\ &= \underline{(-7.7) \times (-8.4)} - (-8.6) \\ &= \underline{64.68 - (-8.6)} \\ &= 73.28 \end{aligned}$$

$$\begin{aligned} & (-9.6) - (3.6)^2 \div ((\underline{(-4.8) + 6.6}) \times 4.5) \\ &= (-9.6) - (3.6)^2 \div \underline{(1.8 \times 4.5)} \\ &= (-9.6) - \underline{(3.6)^2} \div 8.1 \\ &= (-9.6) - \underline{12.96 \div 8.1} \\ &= \underline{(-9.6) - 1.6} \\ &= -11.2 \end{aligned}$$

$$\begin{aligned} & ((-3.2) + (-8.2) \times 2.7 - \underline{(2.8)^2}) \div 2.8 \\ &= ((-3.2) + \underline{(-8.2) \times 2.7} - 7.84) \div 2.8 \\ &= (\underline{(-3.2) + (-22.14)} - 7.84) \div 2.8 \\ &= (\underline{(-25.34) - 7.84}) \div 2.8 \\ &= \underline{(-33.18) \div 2.8} \\ &= -11.85 \end{aligned}$$

Orden de Operaciones con Decimales (I)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(9.8 - 5.7 \times 4.6 + (8.2)^2) \div (-5.5)$$

$$((-4.8) - (-6.5) + (3.9)^2 \div 1.3) \times (-1.1)$$

$$((-5.5) - (-1.6) \div 0.4) \times (-7.2) + (-3.3)^2$$

$$(8.5 - (-4.2) \times (-2.1) + (0.4)^2) \div (-3.2)$$

$$((9.8 - 9.6) \div 0.2)^2 \times 3.8 + (-0.6)$$

$$((-7.8) - (-2.8)^2 + 1.7 \times 0.2) \div 3.6$$

Orden de Operaciones con Decimales (I) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (9.8 - 5.7 \times 4.6 + (8.2)^2) \div (-5.5) \\ &= (9.8 - 5.7 \times 4.6 + 67.24) \div (-5.5) \\ &= (9.8 - 26.22 + 67.24) \div (-5.5) \\ &= ((-16.42) + 67.24) \div (-5.5) \\ &= 50.82 \div (-5.5) \\ &= -9.24 \end{aligned}$$

$$\begin{aligned} & ((-4.8) - (-6.5) + (3.9)^2 \div 1.3) \times (-1.1) \\ &= ((-4.8) - (-6.5) + 15.21 \div 1.3) \times (-1.1) \\ &= ((-4.8) - (-6.5) + 11.7) \times (-1.1) \\ &= (1.7 + 11.7) \times (-1.1) \\ &= 13.4 \times (-1.1) \\ &= -14.74 \end{aligned}$$

$$\begin{aligned} & ((-5.5) - (-1.6) \div 0.4) \times (-7.2) + (-3.3)^2 \\ &= ((-5.5) - (-4)) \times (-7.2) + (-3.3)^2 \\ &= (-1.5) \times (-7.2) + (-3.3)^2 \\ &= (-1.5) \times (-7.2) + 10.89 \\ &= 10.8 + 10.89 \\ &= 21.69 \end{aligned}$$

$$\begin{aligned} & (8.5 - (-4.2) \times (-2.1) + (0.4)^2) \div (-3.2) \\ &= (8.5 - (-4.2) \times (-2.1) + 0.16) \div (-3.2) \\ &= (8.5 - 8.82 + 0.16) \div (-3.2) \\ &= ((-0.32) + 0.16) \div (-3.2) \\ &= (-0.16) \div (-3.2) \\ &= 0.05 \end{aligned}$$

$$\begin{aligned} & ((9.8 - 9.6) \div 0.2)^2 \times 3.8 + (-0.6) \\ &= (0.2 \div 0.2)^2 \times 3.8 + (-0.6) \\ &= 1^2 \times 3.8 + (-0.6) \\ &= 1 \times 3.8 + (-0.6) \\ &= 3.8 + (-0.6) \\ &= 3.2 \end{aligned}$$

$$\begin{aligned} & ((-7.8) - (-2.8)^2 + 1.7 \times 0.2) \div 3.6 \\ &= ((-7.8) - 7.84 + 1.7 \times 0.2) \div 3.6 \\ &= ((-7.8) - 7.84 + 0.34) \div 3.6 \\ &= ((-15.64) + 0.34) \div 3.6 \\ &= (-15.3) \div 3.6 \\ &= -4.25 \end{aligned}$$

Orden de Operaciones con Decimales (J)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$2.2 \times \left(((-2.8) + 2.8)^3 \div 5.3 - (-7.1) \right) \quad \left(6.6 \times 6.8 + (-6.6)^2 \right) \div (-2.2) - (-5.6)$$

$$(-0.3)^2 + 2.4 \times (3.8 - 1.25) \div (-5.1) \quad \left((4.9)^2 - 5.5 \times (-0.2) + 9.4 \right) \div (-2.9)$$

$$\left(2.4 + 3.6 \times (-9.4) - (-3.6)^2 \right) \div 0.6 \quad (6.4 - (-0.6)) \div (-0.4) \times (-4.4) + (-4.2)^2$$

Orden de Operaciones con Decimales (J) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 2.2 \times \left(\left(\underline{(-2.8) + 2.8} \right)^3 \div 5.3 - (-7.1) \right) \\ &= 2.2 \times \left(\underline{0^3} \div 5.3 - (-7.1) \right) \\ &= 2.2 \times \left(\underline{0 \div 5.3} - (-7.1) \right) \\ &= 2.2 \times \left(\underline{0 - (-7.1)} \right) \\ &= \underline{2.2 \times 7.1} \\ &= \underline{15.62} \end{aligned}$$

$$\begin{aligned} & \left(6.6 \times 6.8 + \underline{(-6.6)^2} \right) \div (-2.2) - (-5.6) \\ &= \left(\underline{6.6 \times 6.8} + 43.56 \right) \div (-2.2) - (-5.6) \\ &= \left(\underline{44.88 + 43.56} \right) \div (-2.2) - (-5.6) \\ &= \underline{88.44 \div (-2.2)} - (-5.6) \\ &= \underline{(-40.2) - (-5.6)} \\ &= \underline{-34.6} \end{aligned}$$

$$\begin{aligned} & (-0.3)^2 + 2.4 \times \left(\underline{3.8 - 1.25} \right) \div (-5.1) \\ &= \underline{(-0.3)^2} + 2.4 \times 2.55 \div (-5.1) \\ &= 0.09 + \underline{2.4 \times 2.55} \div (-5.1) \\ &= 0.09 + \underline{6.12 \div (-5.1)} \\ &= \underline{0.09 + (-1.2)} \\ &= \underline{-1.11} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(4.9)^2} - 5.5 \times (-0.2) + 9.4 \right) \div (-2.9) \\ &= \left(\underline{24.01 - 5.5 \times (-0.2)} + 9.4 \right) \div (-2.9) \\ &= \left(\underline{24.01 - (-1.1)} + 9.4 \right) \div (-2.9) \\ &= \left(\underline{25.11 + 9.4} \right) \div (-2.9) \\ &= \underline{34.51 \div (-2.9)} \\ &= \underline{-11.9} \end{aligned}$$

$$\begin{aligned} & \left(2.4 + 3.6 \times (-9.4) - \underline{(-3.6)^2} \right) \div 0.6 \\ &= \left(2.4 + \underline{3.6 \times (-9.4)} - 12.96 \right) \div 0.6 \\ &= \left(\underline{2.4 + (-33.84)} - 12.96 \right) \div 0.6 \\ &= \left(\underline{(-31.44) - 12.96} \right) \div 0.6 \\ &= \underline{(-44.4) \div 0.6} \\ &= \underline{-74} \end{aligned}$$

$$\begin{aligned} & \left(\underline{6.4 - (-0.6)} \right) \div (-0.4) \times (-4.4) + (-4.2)^2 \\ &= 7 \div (-0.4) \times (-4.4) + \underline{(-4.2)^2} \\ &= \underline{7 \div (-0.4)} \times (-4.4) + 17.64 \\ &= \underline{(-17.5) \times (-4.4)} + 17.64 \\ &= \underline{77 + 17.64} \\ &= \underline{94.64} \end{aligned}$$