

Orden de Operaciones con Decimales (A)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(9.6)^2 \times ((2.6 - 1.6 + 5.1) \div 6.1)^2$$

$$6.2 \div ((6.5 + 2.9 - 5.4)^2 \times (0.5)^2)$$

$$(7.8 \div 0.75) \times 0.8 - (1.3)^2 + (6.4)^2$$

$$(9.3 - 8.3) \div 2.5 \times 2.2 + (9.2)^2 - 4.1$$

$$((8.1 + 7.5) \times 5.3) \div 5.2 - 3.5 + (2.1)^2$$

$$(3.8 \div 9.5)^2 \times ((9.3 + 3.7 - 2.2) \div 2.4)$$

Orden de Operaciones con Decimales (A) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (9.6)^2 \times ((2.6 - 1.6 + 5.1) \div 6.1)^2 \\ &= (9.6)^2 \times ((1 + 5.1) \div 6.1)^2 \\ &= (9.6)^2 \times (6.1 \div 6.1)^2 \\ &= (9.6)^2 \times 1^2 \\ &= 92.16 \times 1^2 \\ &= 92.16 \times 1 \\ &= 92.16 \end{aligned}$$

$$\begin{aligned} & 6.2 \div ((6.5 + 2.9 - 5.4)^2 \times (0.5)^2) \\ &= 6.2 \div ((9.4 - 5.4)^2 \times (0.5)^2) \\ &= 6.2 \div (4^2 \times (0.5)^2) \\ &= 6.2 \div (16 \times (0.5)^2) \\ &= 6.2 \div (16 \times 0.25) \\ &= 6.2 \div 4 \\ &= 1.55 \end{aligned}$$

$$\begin{aligned} & (7.8 \div 0.75) \times 0.8 - (1.3)^2 + (6.4)^2 \\ &= 10.4 \times 0.8 - (1.3)^2 + (6.4)^2 \\ &= 10.4 \times 0.8 - 1.69 + (6.4)^2 \\ &= 10.4 \times 0.8 - 1.69 + 40.96 \\ &= 8.32 - 1.69 + 40.96 \\ &= 6.63 + 40.96 \\ &= 47.59 \end{aligned}$$

$$\begin{aligned} & (9.3 - 8.3) \div 2.5 \times 2.2 + (9.2)^2 - 4.1 \\ &= 1 \div 2.5 \times 2.2 + (9.2)^2 - 4.1 \\ &= 1 \div 2.5 \times 2.2 + 84.64 - 4.1 \\ &= 0.4 \times 2.2 + 84.64 - 4.1 \\ &= 0.88 + 84.64 - 4.1 \\ &= 85.52 - 4.1 \\ &= 81.42 \end{aligned}$$

$$\begin{aligned} & ((8.1 + 7.5) \times 5.3) \div 5.2 - 3.5 + (2.1)^2 \\ &= (15.6 \times 5.3) \div 5.2 - 3.5 + (2.1)^2 \\ &= 82.68 \div 5.2 - 3.5 + (2.1)^2 \\ &= 82.68 \div 5.2 - 3.5 + 4.41 \\ &= 15.9 - 3.5 + 4.41 \\ &= 12.4 + 4.41 \\ &= 16.81 \end{aligned}$$

$$\begin{aligned} & (3.8 \div 9.5)^2 \times ((9.3 + 3.7 - 2.2) \div 2.4) \\ &= (0.4)^2 \times ((9.3 + 3.7 - 2.2) \div 2.4) \\ &= (0.4)^2 \times ((13 - 2.2) \div 2.4) \\ &= (0.4)^2 \times (10.8 \div 2.4) \\ &= (0.4)^2 \times 4.5 \\ &= 0.16 \times 4.5 \\ &= 0.72 \end{aligned}$$

Orden de Operaciones con Decimales (B)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(5.8 + (8.2)^2) \div 8.3 \times 5.3 - 3.8 + 2.5$$

$$(2.7)^2 - 9.3 \div 6.2 \times ((1.6)^2 + 0.4)$$

$$(9.6 \div 1.2) \times 3.1 - 7.8 + 6.7 - (2.3)^2$$

$$6.4 - (1.6)^2 + 9.9 \times 3.7 \div (2.3 - 1.4)$$

$$((1.5)^2 \div 4.5) \times (2.2)^2 + 2.6 - 1.4$$

$$(3.7 \div 0.25) \times (1.5)^2 + 2.9 - (3.8)^2$$

Orden de Operaciones con Decimales (B) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (5.8 + (8.2)^2) \div 8.3 \times 5.3 - 3.8 + 2.5 \\ &= (5.8 + 67.24) \div 8.3 \times 5.3 - 3.8 + 2.5 \\ &= 73.04 \div 8.3 \times 5.3 - 3.8 + 2.5 \\ &= 8.8 \times 5.3 - 3.8 + 2.5 \\ &= 46.64 - 3.8 + 2.5 \\ &= 42.84 + 2.5 \\ &= 45.34 \end{aligned}$$

$$\begin{aligned} & (2.7)^2 - 9.3 \div 6.2 \times ((1.6)^2 + 0.4) \\ &= (2.7)^2 - 9.3 \div 6.2 \times (2.56 + 0.4) \\ &= (2.7)^2 - 9.3 \div 6.2 \times 2.96 \\ &= 7.29 - 9.3 \div 6.2 \times 2.96 \\ &= 7.29 - 1.5 \times 2.96 \\ &= 7.29 - 4.44 \\ &= 2.85 \end{aligned}$$

$$\begin{aligned} & (9.6 \div 1.2) \times 3.1 - 7.8 + 6.7 - (2.3)^2 \\ &= 8 \times 3.1 - 7.8 + 6.7 - (2.3)^2 \\ &= 8 \times 3.1 - 7.8 + 6.7 - 5.29 \\ &= 24.8 - 7.8 + 6.7 - 5.29 \\ &= 17 + 6.7 - 5.29 \\ &= 23.7 - 5.29 \\ &= 18.41 \end{aligned}$$

$$\begin{aligned} & 6.4 - (1.6)^2 + 9.9 \times 3.7 \div (2.3 - 1.4) \\ &= 6.4 - (1.6)^2 + 9.9 \times 3.7 \div 0.9 \\ &= 6.4 - 2.56 + 9.9 \times 3.7 \div 0.9 \\ &= 6.4 - 2.56 + 36.63 \div 0.9 \\ &= 6.4 - 2.56 + 40.7 \\ &= 3.84 + 40.7 \\ &= 44.54 \end{aligned}$$

$$\begin{aligned} & ((1.5)^2 \div 4.5) \times (2.2)^2 + 2.6 - 1.4 \\ &= (2.25 \div 4.5) \times (2.2)^2 + 2.6 - 1.4 \\ &= 0.5 \times (2.2)^2 + 2.6 - 1.4 \\ &= 0.5 \times 4.84 + 2.6 - 1.4 \\ &= 2.42 + 2.6 - 1.4 \\ &= 5.02 - 1.4 \\ &= 3.62 \end{aligned}$$

$$\begin{aligned} & (3.7 \div 0.25) \times (1.5)^2 + 2.9 - (3.8)^2 \\ &= 14.8 \times (1.5)^2 + 2.9 - (3.8)^2 \\ &= 14.8 \times 2.25 + 2.9 - (3.8)^2 \\ &= 14.8 \times 2.25 + 2.9 - 14.44 \\ &= 33.3 + 2.9 - 14.44 \\ &= 36.2 - 14.44 \\ &= 21.76 \end{aligned}$$

Orden de Operaciones con Decimales (C)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(1.4 - 1.4)^2 \times 7.9 \div 2.2 + 5.4 - 3.7$$

$$9.6 + 6.8 \div 1.7 \times (7.3 - (1.3)^2) \div 2.2$$

$$4.7 \times 5.9 + (7.8)^2 - 6.5 \div (4.5 - 2.5)$$

$$(8.7 \div (5.3 - 0.5 + 3.9))^2 \times (9.2)^2$$

$$(7.3 \div (3.3 - 2.3)^3) \times 8.1 + 1.6 - 6.6$$

$$(1.8 \div (0.4)^2) \times 6.4 + 8.3 - (3.3)^2$$

Orden de Operaciones con Decimales (C) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (\underline{1.4 - 1.4})^2 \times 7.9 \div 2.2 + 5.4 - 3.7 \\ & = \underline{0^2} \times 7.9 \div 2.2 + 5.4 - 3.7 \\ & = \underline{0 \times 7.9} \div 2.2 + 5.4 - 3.7 \\ & = \underline{0 \div 2.2} + 5.4 - 3.7 \\ & = \underline{0 + 5.4} - 3.7 \\ & = \underline{5.4 - 3.7} \\ & = \underline{1.7} \end{aligned}$$

$$\begin{aligned} & 9.6 + 6.8 \div 1.7 \times (7.3 - \underline{(1.3)^2}) \div 2.2 \\ & = 9.6 + 6.8 \div 1.7 \times \underline{(7.3 - 1.69)} \div 2.2 \\ & = 9.6 + \underline{6.8 \div 1.7} \times 5.61 \div 2.2 \\ & = 9.6 + \underline{4 \times 5.61} \div 2.2 \\ & = 9.6 + \underline{22.44 \div 2.2} \\ & = \underline{9.6 + 10.2} \\ & = \underline{19.8} \end{aligned}$$

$$\begin{aligned} & 4.7 \times 5.9 + (7.8)^2 - 6.5 \div \underline{(4.5 - 2.5)} \\ & = 4.7 \times 5.9 + \underline{(7.8)^2} - 6.5 \div 2 \\ & = \underline{4.7 \times 5.9} + 60.84 - 6.5 \div 2 \\ & = 27.73 + 60.84 - \underline{6.5 \div 2} \\ & = \underline{27.73 + 60.84} - 3.25 \\ & = \underline{88.57 - 3.25} \\ & = \underline{85.32} \end{aligned}$$

$$\begin{aligned} & (8.7 \div \underline{(5.3 - 0.5 + 3.9)})^2 \times (9.2)^2 \\ & = (8.7 \div \underline{(4.8 + 3.9)})^2 \times (9.2)^2 \\ & = \underline{(8.7 \div 8.7)}^2 \times (9.2)^2 \\ & = \underline{1^2} \times (9.2)^2 \\ & = 1 \times \underline{(9.2)^2} \\ & = \underline{1 \times 84.64} \\ & = \underline{84.64} \end{aligned}$$

$$\begin{aligned} & (7.3 \div \underline{(3.3 - 2.3)^3}) \times 8.1 + 1.6 - 6.6 \\ & = (7.3 \div \underline{1^3}) \times 8.1 + 1.6 - 6.6 \\ & = \underline{(7.3 \div 1)} \times 8.1 + 1.6 - 6.6 \\ & = \underline{7.3 \times 8.1} + 1.6 - 6.6 \\ & = \underline{59.13 + 1.6} - 6.6 \\ & = \underline{60.73 - 6.6} \\ & = \underline{54.13} \end{aligned}$$

$$\begin{aligned} & (1.8 \div \underline{(0.4)^2}) \times 6.4 + 8.3 - (3.3)^2 \\ & = \underline{(1.8 \div 0.16)} \times 6.4 + 8.3 - (3.3)^2 \\ & = 11.25 \times 6.4 + 8.3 - \underline{(3.3)^2} \\ & = \underline{11.25 \times 6.4} + 8.3 - 10.89 \\ & = \underline{72 + 8.3} - 10.89 \\ & = \underline{80.3 - 10.89} \\ & = \underline{69.41} \end{aligned}$$

Orden de Operaciones con Decimales (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$((4.5 + 2.1) \div 3.75) \times (3.7 - 1.4 + 5.2)^2$$

$$(8.3 - (1.3)^2) \times ((2.3 + 5.8) \div 2.7)^2$$

$$(8.4 \div 1.2) \times 6.7 + 1.1 - (4.1)^2 - 3.9$$

$$((8.8 + 1.6) \times 8.5) \div (9.2 - 2.4 - 5.8)^3$$

$$(3.1)^2 + 4.7 \times 1.9 \div (9.3 - 4.6) \times 6.9$$

$$(3.9 \div (6.9 - 5.9)^3) \times (9.2 + 2.7 + 5.6)$$

Orden de Operaciones con Decimales (D) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & ((4.5 + 2.1) \div 3.75) \times (3.7 - 1.4 + 5.2)^2 \\ &= (6.6 \div 3.75) \times (3.7 - 1.4 + 5.2)^2 \\ &= 1.76 \times (3.7 - 1.4 + 5.2)^2 \\ &= 1.76 \times (2.3 + 5.2)^2 \\ &= 1.76 \times (7.5)^2 \\ &= \underline{1.76 \times 56.25} \\ &= 99 \end{aligned}$$

$$\begin{aligned} & (8.3 - (1.3)^2) \times ((2.3 + 5.8) \div 2.7)^2 \\ &= (8.3 - 1.69) \times ((2.3 + 5.8) \div 2.7)^2 \\ &= 6.61 \times ((2.3 + 5.8) \div 2.7)^2 \\ &= 6.61 \times (8.1 \div 2.7)^2 \\ &= 6.61 \times \underline{3^2} \\ &= \underline{6.61 \times 9} \\ &= 59.49 \end{aligned}$$

$$\begin{aligned} & (8.4 \div 1.2) \times 6.7 + 1.1 - (4.1)^2 - 3.9 \\ &= 7 \times 6.7 + 1.1 - (4.1)^2 - 3.9 \\ &= \underline{7 \times 6.7} + 1.1 - 16.81 - 3.9 \\ &= \underline{46.9 + 1.1} - 16.81 - 3.9 \\ &= \underline{48 - 16.81} - 3.9 \\ &= \underline{31.19 - 3.9} \\ &= 27.29 \end{aligned}$$

$$\begin{aligned} & ((8.8 + 1.6) \times 8.5) \div (9.2 - 2.4 - 5.8)^3 \\ &= (\underline{10.4 \times 8.5}) \div (9.2 - 2.4 - 5.8)^3 \\ &= 88.4 \div (\underline{9.2 - 2.4} - 5.8)^3 \\ &= 88.4 \div (\underline{6.8 - 5.8})^3 \\ &= 88.4 \div \underline{1^3} \\ &= \underline{88.4 \div 1} \\ &= 88.4 \end{aligned}$$

$$\begin{aligned} & (3.1)^2 + 4.7 \times 1.9 \div (9.3 - 4.6) \times 6.9 \\ &= (3.1)^2 + 4.7 \times 1.9 \div 4.7 \times 6.9 \\ &= 9.61 + \underline{4.7 \times 1.9} \div 4.7 \times 6.9 \\ &= 9.61 + \underline{8.93 \div 4.7} \times 6.9 \\ &= 9.61 + \underline{1.9 \times 6.9} \\ &= \underline{9.61 + 13.11} \\ &= 22.72 \end{aligned}$$

$$\begin{aligned} & (3.9 \div (6.9 - 5.9)^3) \times (9.2 + 2.7 + 5.6) \\ &= (3.9 \div \underline{1^3}) \times (9.2 + 2.7 + 5.6) \\ &= (\underline{3.9 \div 1}) \times (9.2 + 2.7 + 5.6) \\ &= 3.9 \times (\underline{9.2 + 2.7} + 5.6) \\ &= 3.9 \times (\underline{11.9 + 5.6}) \\ &= \underline{3.9 \times 17.5} \\ &= 68.25 \end{aligned}$$

Orden de Operaciones con Decimales (E)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$9.1 \times ((8.5 - 6.8 + 2.1) \div (6.9 - 3.1))^3$$

$$(3.3)^2 \times ((2.1 + 8.9 - 6.4) \div 4.6)^3$$

$$(2.4 \div 1.5) \times 9.8 + (5.7)^2 - (2.7)^2$$

$$\left((9.6 - 7.5) \div (0.5)^2 \right) \times 5.4 + (5.3)^2$$

$$(1.7 + 2.4) \times 7.5 \div 2.5 - (3.2)^2 + 1.25$$

$$\left((8.9)^2 - 7.6 \right) \div 9.3 \times 4.3 + 2.7 - 4.7$$

Orden de Operaciones con Decimales (E) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 9.1 \times ((8.5 - 6.8 + 2.1) \div (6.9 - 3.1))^3 \\ &= 9.1 \times ((1.7 + 2.1) \div (6.9 - 3.1))^3 \\ &= 9.1 \times (3.8 \div (6.9 - 3.1))^3 \\ &= 9.1 \times (3.8 \div 3.8)^3 \\ &= 9.1 \times 1^3 \\ &= 9.1 \times 1 \\ &= 9.1 \end{aligned}$$

$$\begin{aligned} & (3.3)^2 \times ((2.1 + 8.9 - 6.4) \div 4.6)^3 \\ &= (3.3)^2 \times ((11 - 6.4) \div 4.6)^3 \\ &= (3.3)^2 \times (4.6 \div 4.6)^3 \\ &= (3.3)^2 \times 1^3 \\ &= 10.89 \times 1^3 \\ &= 10.89 \times 1 \\ &= 10.89 \end{aligned}$$

$$\begin{aligned} & (2.4 \div 1.5) \times 9.8 + (5.7)^2 - (2.7)^2 \\ &= 1.6 \times 9.8 + (5.7)^2 - (2.7)^2 \\ &= 1.6 \times 9.8 + 32.49 - (2.7)^2 \\ &= 1.6 \times 9.8 + 32.49 - 7.29 \\ &= 15.68 + 32.49 - 7.29 \\ &= 48.17 - 7.29 \\ &= 40.88 \end{aligned}$$

$$\begin{aligned} & ((9.6 - 7.5) \div (0.5)^2) \times 5.4 + (5.3)^2 \\ &= (2.1 \div (0.5)^2) \times 5.4 + (5.3)^2 \\ &= (2.1 \div 0.25) \times 5.4 + (5.3)^2 \\ &= 8.4 \times 5.4 + (5.3)^2 \\ &= 8.4 \times 5.4 + 28.09 \\ &= 45.36 + 28.09 \\ &= 73.45 \end{aligned}$$

$$\begin{aligned} & (1.7 + 2.4) \times 7.5 \div 2.5 - (3.2)^2 + 1.25 \\ &= 4.1 \times 7.5 \div 2.5 - (3.2)^2 + 1.25 \\ &= 4.1 \times 7.5 \div 2.5 - 10.24 + 1.25 \\ &= 30.75 \div 2.5 - 10.24 + 1.25 \\ &= 12.3 - 10.24 + 1.25 \\ &= 2.06 + 1.25 \\ &= 3.31 \end{aligned}$$

$$\begin{aligned} & ((8.9)^2 - 7.6) \div 9.3 \times 4.3 + 2.7 - 4.7 \\ &= (79.21 - 7.6) \div 9.3 \times 4.3 + 2.7 - 4.7 \\ &= 71.61 \div 9.3 \times 4.3 + 2.7 - 4.7 \\ &= 7.7 \times 4.3 + 2.7 - 4.7 \\ &= 33.11 + 2.7 - 4.7 \\ &= 35.81 - 4.7 \\ &= 31.11 \end{aligned}$$

Orden de Operaciones con Decimales (F)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left((9.6)^2 + (2.2)^2 \right) \times ((6.1 - 5.7) \div 2.5)$$

$$5.7 \times \left(9.2 + (6.7)^2 - (7.3)^2 \right) \div 0.2$$

$$(1.8 + 2.4)^2 \times (9.2 - 7.2)^2 \div 1.2$$

$$(5.6 \times 1.5)^2 \div 9.8 + 2.4 - 6.8 + 7.2$$

$$(4.5)^2 \div (5.8 - 4.3) \times 3.8 + (0.2)^2$$

$$((8.2 - 1.2) \times 9.4) \div 2.5 + (2.8)^2 - 3.9$$

Orden de Operaciones con Decimales (F) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left(\underline{(9.6)^2} + (2.2)^2 \right) \times ((6.1 - 5.7) \div 2.5) \\ &= \left(92.16 + \underline{(2.2)^2} \right) \times ((6.1 - 5.7) \div 2.5) \\ &= \underline{(92.16 + 4.84)} \times ((6.1 - 5.7) \div 2.5) \\ &= 97 \times ((\underline{6.1 - 5.7}) \div 2.5) \\ &= 97 \times (\underline{0.4 \div 2.5}) \\ &= \underline{97 \times 0.16} \\ &= 15.52 \end{aligned}$$

$$\begin{aligned} & 5.7 \times \left(9.2 + \underline{(6.7)^2} - (7.3)^2 \right) \div 0.2 \\ &= 5.7 \times \left(9.2 + 44.89 - \underline{(7.3)^2} \right) \div 0.2 \\ &= 5.7 \times (\underline{9.2 + 44.89} - 53.29) \div 0.2 \\ &= 5.7 \times (\underline{54.09 - 53.29}) \div 0.2 \\ &= \underline{5.7 \times 0.8} \div 0.2 \\ &= \underline{4.56 \div 0.2} \\ &= 22.8 \end{aligned}$$

$$\begin{aligned} & (\underline{1.8 + 2.4})^2 \times (9.2 - 7.2)^2 \div 1.2 \\ &= (4.2)^2 \times (\underline{9.2 - 7.2})^2 \div 1.2 \\ &= \underline{(4.2)^2} \times 2^2 \div 1.2 \\ &= 17.64 \times \underline{2^2} \div 1.2 \\ &= \underline{17.64 \times 4} \div 1.2 \\ &= \underline{70.56 \div 1.2} \\ &= 58.8 \end{aligned}$$

$$\begin{aligned} & (\underline{5.6 \times 1.5})^2 \div 9.8 + 2.4 - 6.8 + 7.2 \\ &= \underline{(8.4)^2} \div 9.8 + 2.4 - 6.8 + 7.2 \\ &= \underline{70.56 \div 9.8} + 2.4 - 6.8 + 7.2 \\ &= \underline{7.2 + 2.4} - 6.8 + 7.2 \\ &= \underline{9.6 - 6.8} + 7.2 \\ &= \underline{2.8 + 7.2} \\ &= 10 \end{aligned}$$

$$\begin{aligned} & (4.5)^2 \div (\underline{5.8 - 4.3}) \times 3.8 + (0.2)^2 \\ &= \underline{(4.5)^2} \div 1.5 \times 3.8 + (0.2)^2 \\ &= 20.25 \div 1.5 \times 3.8 + \underline{(0.2)^2} \\ &= \underline{20.25 \div 1.5} \times 3.8 + 0.04 \\ &= \underline{13.5 \times 3.8} + 0.04 \\ &= \underline{51.3 + 0.04} \\ &= 51.34 \end{aligned}$$

$$\begin{aligned} & ((\underline{8.2 - 1.2}) \times 9.4) \div 2.5 + (2.8)^2 - 3.9 \\ &= (\underline{7 \times 9.4}) \div 2.5 + (2.8)^2 - 3.9 \\ &= 65.8 \div 2.5 + \underline{(2.8)^2} - 3.9 \\ &= \underline{65.8 \div 2.5} + 7.84 - 3.9 \\ &= \underline{26.32 + 7.84} - 3.9 \\ &= \underline{34.16 - 3.9} \\ &= 30.26 \end{aligned}$$

Orden de Operaciones con Decimales (G)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$((9.4 - 5.9) \div (5.4 + 1.6))^2 \times 1.2 \times 9.9$$

$$\left((1.5)^2 \times 6.6 \right) \div \left(9.8 + 8.6 - (3.8)^2 \right)$$

$$\left((2.8)^2 + (6.6)^2 - 9.2 \right) \times (2.1 \div 1.2)$$

$$(7.5)^2 + 2.4 - (0.6)^2 \times (2.9 \div 0.2)$$

$$6.8 \times 5.2 - (2.3)^2 + 9.9 \div (2.5 \times 4.5)$$

$$(9.6 \div 0.75) \times \left(5.8 + (8.1)^2 - (8.4)^2 \right)$$

Orden de Operaciones con Decimales (G) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & ((9.4 - 5.9) \div (5.4 + 1.6))^2 \times 1.2 \times 9.9 \\ &= (3.5 \div (5.4 + 1.6))^2 \times 1.2 \times 9.9 \\ &= (3.5 \div 7)^2 \times 1.2 \times 9.9 \\ &= (0.5)^2 \times 1.2 \times 9.9 \\ &= 0.25 \times 1.2 \times 9.9 \\ &= 0.3 \times 9.9 \\ &= 2.97 \end{aligned}$$

$$\begin{aligned} & ((1.5)^2 \times 6.6) \div (9.8 + 8.6 - (3.8)^2) \\ &= (2.25 \times 6.6) \div (9.8 + 8.6 - (3.8)^2) \\ &= 14.85 \div (9.8 + 8.6 - (3.8)^2) \\ &= 14.85 \div (9.8 + 8.6 - 14.44) \\ &= 14.85 \div (18.4 - 14.44) \\ &= 14.85 \div 3.96 \\ &= 3.75 \end{aligned}$$

$$\begin{aligned} & ((2.8)^2 + (6.6)^2 - 9.2) \times (2.1 \div 1.2) \\ &= (7.84 + (6.6)^2 - 9.2) \times (2.1 \div 1.2) \\ &= (7.84 + 43.56 - 9.2) \times (2.1 \div 1.2) \\ &= (51.4 - 9.2) \times (2.1 \div 1.2) \\ &= 42.2 \times (2.1 \div 1.2) \\ &= 42.2 \times 1.75 \\ &= 73.85 \end{aligned}$$

$$\begin{aligned} & (7.5)^2 + 2.4 - (0.6)^2 \times (2.9 \div 0.2) \\ &= (7.5)^2 + 2.4 - (0.6)^2 \times 14.5 \\ &= 56.25 + 2.4 - (0.6)^2 \times 14.5 \\ &= 56.25 + 2.4 - 0.36 \times 14.5 \\ &= 56.25 + 2.4 - 5.22 \\ &= 58.65 - 5.22 \\ &= 53.43 \end{aligned}$$

$$\begin{aligned} & 6.8 \times 5.2 - (2.3)^2 + 9.9 \div (2.5 \times 4.5) \\ &= 6.8 \times 5.2 - (2.3)^2 + 9.9 \div 11.25 \\ &= 6.8 \times 5.2 - 5.29 + 9.9 \div 11.25 \\ &= 35.36 - 5.29 + 9.9 \div 11.25 \\ &= 35.36 - 5.29 + 0.88 \\ &= 30.07 + 0.88 \\ &= 30.95 \end{aligned}$$

$$\begin{aligned} & (9.6 \div 0.75) \times (5.8 + (8.1)^2 - (8.4)^2) \\ &= 12.8 \times (5.8 + (8.1)^2 - (8.4)^2) \\ &= 12.8 \times (5.8 + 65.61 - (8.4)^2) \\ &= 12.8 \times (5.8 + 65.61 - 70.56) \\ &= 12.8 \times (71.41 - 70.56) \\ &= 12.8 \times 0.85 \\ &= 10.88 \end{aligned}$$

Orden de Operaciones con Decimales (H)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(7.2 + 1.1 - 4.5) \times (1.8 \div (7.8 - 6.9))^3$$

$$(4.2 \div 0.2) \times (0.5)^2 - 0.8 + (7.1)^2$$

$$(4.6)^2 - (4.5)^2 + 8.6 \times (5.4 \div 2.7)$$

$$(6.6 + (5.3)^2 - (1.9)^2) \div (1.4 \times 0.6)$$

$$(3.9 + 7.4) \times 1.6 \div 1.6 - 9.8 + (8.7)^2$$

$$(7.2 \div (9.2 + 2.1 - 4.1))^2 \times (6.7)^2$$

Orden de Operaciones con Decimales (H) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (\underline{7.2 + 1.1} - 4.5) \times (1.8 \div (7.8 - 6.9))^3 \\ & = \underline{(8.3 - 4.5)} \times (1.8 \div (7.8 - 6.9))^3 \\ & = 3.8 \times (1.8 \div \underline{(7.8 - 6.9)})^3 \\ & = 3.8 \times \underline{(1.8 \div 0.9)}^3 \\ & = 3.8 \times \underline{2^3} \\ & = \underline{3.8 \times 8} \\ & = \underline{30.4} \end{aligned}$$

$$\begin{aligned} & (\underline{4.2 \div 0.2}) \times (0.5)^2 - 0.8 + (7.1)^2 \\ & = 21 \times \underline{(0.5)^2} - 0.8 + (7.1)^2 \\ & = 21 \times 0.25 - 0.8 + \underline{(7.1)^2} \\ & = \underline{21 \times 0.25} - 0.8 + 50.41 \\ & = \underline{5.25 - 0.8} + 50.41 \\ & = \underline{4.45 + 50.41} \\ & = \underline{54.86} \end{aligned}$$

$$\begin{aligned} & (4.6)^2 - (4.5)^2 + 8.6 \times \underline{(5.4 \div 2.7)} \\ & = \underline{(4.6)^2} - (4.5)^2 + 8.6 \times 2 \\ & = 21.16 - \underline{(4.5)^2} + 8.6 \times 2 \\ & = 21.16 - 20.25 + \underline{8.6 \times 2} \\ & = \underline{21.16 - 20.25} + 17.2 \\ & = \underline{0.91 + 17.2} \\ & = \underline{18.11} \end{aligned}$$

$$\begin{aligned} & (6.6 + \underline{(5.3)^2} - (1.9)^2) \div (1.4 \times 0.6) \\ & = (6.6 + 28.09 - \underline{(1.9)^2}) \div (1.4 \times 0.6) \\ & = \underline{(6.6 + 28.09} - 3.61) \div (1.4 \times 0.6) \\ & = \underline{(34.69 - 3.61)} \div (1.4 \times 0.6) \\ & = 31.08 \div \underline{(1.4 \times 0.6)} \\ & = \underline{31.08 \div 0.84} \\ & = \underline{37} \end{aligned}$$

$$\begin{aligned} & \underline{(3.9 + 7.4)} \times 1.6 \div 1.6 - 9.8 + (8.7)^2 \\ & = 11.3 \times 1.6 \div 1.6 - 9.8 + \underline{(8.7)^2} \\ & = \underline{11.3 \times 1.6} \div 1.6 - 9.8 + 75.69 \\ & = \underline{18.08 \div 1.6} - 9.8 + 75.69 \\ & = \underline{11.3 - 9.8} + 75.69 \\ & = \underline{1.5 + 75.69} \\ & = \underline{77.19} \end{aligned}$$

$$\begin{aligned} & (7.2 \div \underline{(9.2 + 2.1 - 4.1)})^2 \times (6.7)^2 \\ & = (7.2 \div \underline{(11.3 - 4.1)})^2 \times (6.7)^2 \\ & = \underline{(7.2 \div 7.2)}^2 \times (6.7)^2 \\ & = \underline{1^2} \times (6.7)^2 \\ & = 1 \times \underline{(6.7)^2} \\ & = \underline{1 \times 44.89} \\ & = \underline{44.89} \end{aligned}$$

Orden de Operaciones con Decimales (I)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$0.25 \times \left((3.8 + 2.4)^2 \div (4.6 - 1.5)^2 \right)$$

$$3.3 \times (9.4 - 7.9) \div 1.1 + 7.8 + (3.1)^2$$

$$6.1 \times \left((1.9 + 2.2 - 4.1) \div (1.6)^2 \right)^3$$

$$\left((8.9 - 7.4)^2 \times 9.2 \right) \div (1.1 + 4.3 + 2.1)$$

$$2.7 \times 6.1 - 8.2 + 4.8 \div (9.6 \div 2.4)^2$$

$$\left((4.8)^2 \div 3.6 \right) \times 1.25 + 3.3 - 7.2 + 1.9$$

Orden de Operaciones con Decimales (I) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 0.25 \times \left((3.8 + 2.4)^2 \div (4.6 - 1.5)^2 \right) \\ &= 0.25 \times \left((6.2)^2 \div (4.6 - 1.5)^2 \right) \\ &= 0.25 \times \left((6.2)^2 \div (3.1)^2 \right) \\ &= 0.25 \times \left(38.44 \div (3.1)^2 \right) \\ &= 0.25 \times (38.44 \div 9.61) \\ &= \underline{0.25 \times 4} \\ &= 1 \end{aligned}$$

$$\begin{aligned} & 3.3 \times (9.4 - 7.9) \div 1.1 + 7.8 + (3.1)^2 \\ &= 3.3 \times 1.5 \div 1.1 + 7.8 + (3.1)^2 \\ &= \underline{3.3 \times 1.5} \div 1.1 + 7.8 + 9.61 \\ &= \underline{4.95 \div 1.1} + 7.8 + 9.61 \\ &= \underline{4.5 + 7.8} + 9.61 \\ &= \underline{12.3 + 9.61} \\ &= 21.91 \end{aligned}$$

$$\begin{aligned} & 6.1 \times \left((1.9 + 2.2 - 4.1) \div (1.6)^2 \right)^3 \\ &= 6.1 \times \left((4.1 - 4.1) \div (1.6)^2 \right)^3 \\ &= 6.1 \times \left(0 \div (1.6)^2 \right)^3 \\ &= 6.1 \times (0 \div 2.56)^3 \\ &= 6.1 \times \underline{0^3} \\ &= \underline{6.1 \times 0} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & \left((8.9 - 7.4)^2 \times 9.2 \right) \div (1.1 + 4.3 + 2.1) \\ &= \left((1.5)^2 \times 9.2 \right) \div (1.1 + 4.3 + 2.1) \\ &= (2.25 \times 9.2) \div (1.1 + 4.3 + 2.1) \\ &= 20.7 \div (1.1 + 4.3 + 2.1) \\ &= 20.7 \div (5.4 + 2.1) \\ &= \underline{20.7 \div 7.5} \\ &= 2.76 \end{aligned}$$

$$\begin{aligned} & 2.7 \times 6.1 - 8.2 + 4.8 \div (9.6 \div 2.4)^2 \\ &= 2.7 \times 6.1 - 8.2 + 4.8 \div 4^2 \\ &= \underline{2.7 \times 6.1} - 8.2 + 4.8 \div 16 \\ &= 16.47 - 8.2 + \underline{4.8 \div 16} \\ &= \underline{16.47 - 8.2} + 0.3 \\ &= \underline{8.27 + 0.3} \\ &= 8.57 \end{aligned}$$

$$\begin{aligned} & \left((4.8)^2 \div 3.6 \right) \times 1.25 + 3.3 - 7.2 + 1.9 \\ &= (23.04 \div 3.6) \times 1.25 + 3.3 - 7.2 + 1.9 \\ &= \underline{6.4 \times 1.25} + 3.3 - 7.2 + 1.9 \\ &= \underline{8 + 3.3} - 7.2 + 1.9 \\ &= \underline{11.3 - 7.2} + 1.9 \\ &= \underline{4.1 + 1.9} \\ &= 6 \end{aligned}$$

Orden de Operaciones con Decimales (J)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$((0.25 + 3.8) \times 4.2) \div ((1.9)^2 - (1.6)^2)$$

$$(4.3)^2 + 3.6 \div 0.4 \times (8.7 - (2.5)^2)$$

$$(0.6 \div 0.2) \times (3.5)^2 - 1.5 + (2.6)^2$$

$$((3.5)^2 \times 4.6) \div 2.5 + (8.2)^2 - 1.1$$

$$6.2 + 4.6 \times (2.5)^2 \div (3.3 - 2.3)^2$$

$$3.5 \times (5.4 + 2.5 - 4.9)^2 \div (3.1 + 3.2)$$

Orden de Operaciones con Decimales (J) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & ((\underline{0.25 + 3.8}) \times 4.2) \div ((1.9)^2 - (1.6)^2) \\ &= (\underline{4.05 \times 4.2}) \div ((1.9)^2 - (1.6)^2) \\ &= 17.01 \div ((\underline{1.9})^2 - (1.6)^2) \\ &= 17.01 \div (3.61 - (\underline{1.6})^2) \\ &= 17.01 \div (\underline{3.61 - 2.56}) \\ &= \underline{17.01 \div 1.05} \\ &= \underline{16.2} \end{aligned}$$

$$\begin{aligned} & (4.3)^2 + 3.6 \div 0.4 \times (8.7 - (\underline{2.5})^2) \\ &= (4.3)^2 + 3.6 \div 0.4 \times (\underline{8.7 - 6.25}) \\ &= (\underline{4.3})^2 + 3.6 \div 0.4 \times 2.45 \\ &= 18.49 + \underline{3.6 \div 0.4} \times 2.45 \\ &= 18.49 + \underline{9 \times 2.45} \\ &= \underline{18.49 + 22.05} \\ &= \underline{40.54} \end{aligned}$$

$$\begin{aligned} & (\underline{0.6 \div 0.2}) \times (3.5)^2 - 1.5 + (2.6)^2 \\ &= 3 \times (\underline{3.5})^2 - 1.5 + (2.6)^2 \\ &= 3 \times 12.25 - 1.5 + (\underline{2.6})^2 \\ &= \underline{3 \times 12.25} - 1.5 + 6.76 \\ &= \underline{36.75 - 1.5} + 6.76 \\ &= \underline{35.25 + 6.76} \\ &= \underline{42.01} \end{aligned}$$

$$\begin{aligned} & ((\underline{3.5})^2 \times 4.6) \div 2.5 + (8.2)^2 - 1.1 \\ &= (\underline{12.25 \times 4.6}) \div 2.5 + (8.2)^2 - 1.1 \\ &= 56.35 \div 2.5 + (\underline{8.2})^2 - 1.1 \\ &= \underline{56.35 \div 2.5} + 67.24 - 1.1 \\ &= \underline{22.54 + 67.24} - 1.1 \\ &= \underline{89.78 - 1.1} \\ &= \underline{88.68} \end{aligned}$$

$$\begin{aligned} & 6.2 + 4.6 \times (2.5)^2 \div (\underline{3.3 - 2.3})^2 \\ &= 6.2 + 4.6 \times (\underline{2.5})^2 \div 1^2 \\ &= 6.2 + 4.6 \times 6.25 \div \underline{1^2} \\ &= 6.2 + \underline{4.6 \times 6.25} \div 1 \\ &= 6.2 + \underline{28.75 \div 1} \\ &= \underline{6.2 + 28.75} \\ &= \underline{34.95} \end{aligned}$$

$$\begin{aligned} & 3.5 \times (\underline{5.4 + 2.5} - 4.9)^2 \div (3.1 + 3.2) \\ &= 3.5 \times (\underline{7.9 - 4.9})^2 \div (3.1 + 3.2) \\ &= 3.5 \times 3^2 \div (\underline{3.1 + 3.2}) \\ &= 3.5 \times \underline{3^2} \div 6.3 \\ &= \underline{3.5 \times 9} \div 6.3 \\ &= \underline{31.5 \div 6.3} \\ &= \underline{5} \end{aligned}$$