

Orden de Operaciones con Decimales (I)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$(9.6 \div 6.4) \times 7.2 - 6.3 + (5.5)^2$$

$$(6.3)^2 \times (2.5 - 2.5) \div 1.8 + 6.8$$

$$\left((6.4 + 4.9 - 9.5) \div (1.5)^2 \right) \times 8.6$$

$$4.8 \div (9.5 - 7.5) \times 5.3 + (3.6)^2$$

$$(3.75 + 3.4) \div 1.25 \times (3.5)^2 - 1.6$$

$$\left(6.3 - 5.9 + (1.6)^2 \right) \times (4.4 \div 2.2)$$

$$(1.1)^2 + 1.3 \times (2.9 - 3.6 \div 1.8)$$

$$\left((5.8)^2 \div (1.2 + 8.3 - 6.6) \right) \times 2.3$$

Orden de Operaciones con Decimales (I) Respuestas

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & (\underline{9.6 \div 6.4}) \times 7.2 - 6.3 + (5.5)^2 \\ &= 1.5 \times 7.2 - 6.3 + \underline{(5.5)^2} \\ &= \underline{1.5 \times 7.2} - 6.3 + 30.25 \\ &= \underline{10.8 - 6.3} + 30.25 \\ &= \underline{4.5 + 30.25} \\ &= 34.75 \end{aligned}$$

$$\begin{aligned} & (6.3)^2 \times (\underline{2.5 - 2.5}) \div 1.8 + 6.8 \\ &= \underline{(6.3)^2} \times 0 \div 1.8 + 6.8 \\ &= \underline{39.69 \times 0} \div 1.8 + 6.8 \\ &= \underline{0 \div 1.8} + 6.8 \\ &= \underline{0 + 6.8} \\ &= 6.8 \end{aligned}$$

$$\begin{aligned} & ((\underline{6.4 + 4.9} - 9.5) \div (1.5)^2) \times 8.6 \\ &= ((\underline{11.3 - 9.5}) \div (1.5)^2) \times 8.6 \\ &= (1.8 \div \underline{(1.5)^2}) \times 8.6 \\ &= (\underline{1.8 \div 2.25}) \times 8.6 \\ &= \underline{0.8 \times 8.6} \\ &= 6.88 \end{aligned}$$

$$\begin{aligned} & 4.8 \div (\underline{9.5 - 7.5}) \times 5.3 + (3.6)^2 \\ &= 4.8 \div 2 \times 5.3 + \underline{(3.6)^2} \\ &= \underline{4.8 \div 2} \times 5.3 + 12.96 \\ &= \underline{2.4 \times 5.3} + 12.96 \\ &= \underline{12.72 + 12.96} \\ &= 25.68 \end{aligned}$$

$$\begin{aligned} & (\underline{3.75 + 3.4}) \div 1.25 \times (3.5)^2 - 1.6 \\ &= 7.15 \div 1.25 \times \underline{(3.5)^2} - 1.6 \\ &= \underline{7.15 \div 1.25} \times 12.25 - 1.6 \\ &= \underline{5.72 \times 12.25} - 1.6 \\ &= \underline{70.07 - 1.6} \\ &= 68.47 \end{aligned}$$

$$\begin{aligned} & (6.3 - 5.9 + \underline{(1.6)^2}) \times (4.4 \div 2.2) \\ &= (\underline{6.3 - 5.9} + 2.56) \times (4.4 \div 2.2) \\ &= (\underline{0.4 + 2.56}) \times (4.4 \div 2.2) \\ &= 2.96 \times (\underline{4.4 \div 2.2}) \\ &= \underline{2.96 \times 2} \\ &= 5.92 \end{aligned}$$

$$\begin{aligned} & (1.1)^2 + 1.3 \times (2.9 - \underline{3.6 \div 1.8}) \\ &= (1.1)^2 + 1.3 \times (\underline{2.9 - 2}) \\ &= \underline{(1.1)^2} + 1.3 \times 0.9 \\ &= 1.21 + \underline{1.3 \times 0.9} \\ &= \underline{1.21 + 1.17} \\ &= 2.38 \end{aligned}$$

$$\begin{aligned} & ((5.8)^2 \div (\underline{1.2 + 8.3} - 6.6)) \times 2.3 \\ &= ((5.8)^2 \div (\underline{9.5 - 6.6})) \times 2.3 \\ &= (\underline{(5.8)^2} \div 2.9) \times 2.3 \\ &= (\underline{33.64 \div 2.9}) \times 2.3 \\ &= \underline{11.6 \times 2.3} \\ &= 26.68 \end{aligned}$$