

# Orden de Operaciones con Decimales (H)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

Resuelva cada expresión usando el orden de operaciones correcto.

$$9.9 \times ((2.3 + 4.8 - 7.1)^3 \div 1.25)$$

$$(2.4 + (5.2)^2 - 8.3 \times 2.6) \div 1.2$$

$$4.4 \times ((9.2)^2 \div 4.6 + 7.1 - 8.3)$$

$$(1.6 \div 1.25) \times (6.5 + 6.6 - 9.1)^2$$

$$3.75 \times ((2.2 + 3.2)^2 \div 8.1 - 1.4)$$

$$3.2 \times (4.8 + 2.2 - 6.6 \div 1.1)^2$$

$$7.4 + 5.8 - (7.6)^2 \div (3.8 \times 1.6)$$

$$((8.4)^2 \div 4.9 - 9.9) \times 8.3 + 7.5$$

# Orden de Operaciones con Decimales (H) Respuestas

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & 9.9 \times \left( (2.3 + 4.8 - 7.1)^3 \div 1.25 \right) \\ &= 9.9 \times \left( (7.1 - 7.1)^3 \div 1.25 \right) \\ &= 9.9 \times (0^3 \div 1.25) \\ &= 9.9 \times (0 \div 1.25) \\ &= \underline{9.9 \times 0} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & 4.4 \times \left( (9.2)^2 \div 4.6 + 7.1 - 8.3 \right) \\ &= 4.4 \times (84.64 \div 4.6 + 7.1 - 8.3) \\ &= 4.4 \times (18.4 + 7.1 - 8.3) \\ &= 4.4 \times (25.5 - 8.3) \\ &= \underline{4.4 \times 17.2} \\ &= 75.68 \end{aligned}$$

$$\begin{aligned} & 3.75 \times \left( (2.2 + 3.2)^2 \div 8.1 - 1.4 \right) \\ &= 3.75 \times \left( (5.4)^2 \div 8.1 - 1.4 \right) \\ &= 3.75 \times (29.16 \div 8.1 - 1.4) \\ &= 3.75 \times (3.6 - 1.4) \\ &= \underline{3.75 \times 2.2} \\ &= 8.25 \end{aligned}$$

$$\begin{aligned} & 7.4 + 5.8 - (7.6)^2 \div (3.8 \times 1.6) \\ &= 7.4 + 5.8 - (7.6)^2 \div 6.08 \\ &= 7.4 + 5.8 - \underline{57.76 \div 6.08} \\ &= \underline{7.4 + 5.8} - 9.5 \\ &= \underline{13.2 - 9.5} \\ &= 3.7 \end{aligned}$$

$$\begin{aligned} & (2.4 + (5.2)^2 - 8.3 \times 2.6) \div 1.2 \\ &= (2.4 + 27.04 - \underline{8.3 \times 2.6}) \div 1.2 \\ &= (\underline{2.4 + 27.04} - 21.58) \div 1.2 \\ &= (\underline{29.44 - 21.58}) \div 1.2 \\ &= \underline{7.86 \div 1.2} \\ &= 6.55 \end{aligned}$$

$$\begin{aligned} & (1.6 \div 1.25) \times (6.5 + 6.6 - 9.1)^2 \\ &= 1.28 \times (6.5 + 6.6 - 9.1)^2 \\ &= 1.28 \times (13.1 - 9.1)^2 \\ &= 1.28 \times \underline{4^2} \\ &= \underline{1.28 \times 16} \\ &= 20.48 \end{aligned}$$

$$\begin{aligned} & 3.2 \times (4.8 + 2.2 - \underline{6.6 \div 1.1})^2 \\ &= 3.2 \times (4.8 + 2.2 - 6)^2 \\ &= 3.2 \times (7 - 6)^2 \\ &= 3.2 \times \underline{1^2} \\ &= \underline{3.2 \times 1} \\ &= 3.2 \end{aligned}$$

$$\begin{aligned} & \left( (8.4)^2 \div 4.9 - 9.9 \right) \times 8.3 + 7.5 \\ &= (\underline{70.56 \div 4.9} - 9.9) \times 8.3 + 7.5 \\ &= (\underline{14.4 - 9.9}) \times 8.3 + 7.5 \\ &= \underline{4.5 \times 8.3} + 7.5 \\ &= \underline{37.35 + 7.5} \\ &= 44.85 \end{aligned}$$