

Orden de Operaciones con Decimales (D)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left(\frac{5}{9} \div \frac{5}{8}\right) \times \frac{1}{2} + \frac{3}{4} - \frac{1}{9}$$

$$\left(\frac{2}{5} \times \frac{5}{9} - \frac{1}{8}\right) \div \frac{7}{8} + \frac{1}{4}$$

$$\left(\frac{3}{8} + \frac{7}{8}\right) \div \frac{1}{8} \times \left(\frac{8}{9} - \frac{5}{6}\right)$$

$$\left(\frac{2}{5} \times \frac{5}{8} - \frac{1}{4} + \frac{5}{6}\right) \div \frac{5}{9}$$

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$$\begin{aligned} & \left(\frac{5}{9} \div \frac{5}{8} \right) \times \frac{1}{2} + \frac{3}{4} - \frac{1}{9} \\ &= \frac{8}{9} \times \frac{1}{2} + \frac{3}{4} - \frac{1}{9} \\ &= \frac{4}{9} + \frac{3}{4} - \frac{1}{9} \\ &= \frac{43}{36} - \frac{1}{9} \\ &= \frac{13}{12} \\ &= 1\frac{1}{12} \end{aligned}$$

$$\begin{aligned} & \left(\frac{2}{5} \times \frac{5}{9} - \frac{1}{8} \right) \div \frac{7}{8} + \frac{1}{4} \\ &= \left(\frac{2}{9} - \frac{1}{8} \right) \div \frac{7}{8} + \frac{1}{4} \\ &= \frac{7}{72} \div \frac{7}{8} + \frac{1}{4} \\ &= \frac{1}{9} + \frac{1}{4} \\ &= \frac{13}{36} \end{aligned}$$

$$\begin{aligned} & \left(\frac{3}{8} + \frac{7}{8} \right) \div \frac{1}{8} \times \left(\frac{8}{9} - \frac{5}{6} \right) \\ &= \frac{5}{4} \div \frac{1}{8} \times \left(\frac{8}{9} - \frac{5}{6} \right) \\ &= \frac{5}{4} \div \frac{1}{8} \times \frac{1}{18} \\ &= \frac{10}{18} \\ &= \frac{5}{9} \end{aligned}$$

$$\begin{aligned} & \left(\frac{2}{5} \times \frac{5}{8} - \frac{1}{4} + \frac{5}{6} \right) \div \frac{5}{9} \\ &= \left(\frac{1}{4} - \frac{1}{4} + \frac{5}{6} \right) \div \frac{5}{9} \\ &= \left(0 + \frac{5}{6} \right) \div \frac{5}{9} \\ &= \frac{5}{6} \div \frac{5}{9} \\ &= \frac{3}{2} \\ &= 1\frac{1}{2} \end{aligned}$$