

## Orden de Operaciones con Decimales (E)

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left(\frac{4}{5} + \frac{1}{5}\right) \div \left(\frac{5}{8} - \frac{5}{6} \times \frac{1}{3}\right)$$

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

$$\frac{3}{4} + \frac{7}{8} - \frac{3}{5} \times \left(\frac{1}{4} \div \frac{1}{6}\right)$$

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left( \frac{4}{5} + \frac{1}{5} \right) \div \left( \frac{5}{8} - \frac{5}{6} \times \frac{1}{3} \right) \\ &= 1 \div \left( \frac{5}{8} - \frac{5}{6} \times \frac{1}{3} \right) \\ &= 1 \div \left( \frac{5}{8} - \frac{5}{18} \right) \\ &= 1 \div \frac{25}{72} \\ &= \frac{72}{25} \\ &= 2\frac{22}{25} \end{aligned}$$

$$\begin{aligned} & \frac{2}{5} \div \left( \left( \frac{1}{5} - \frac{1}{9} + \frac{4}{9} \right) \times \frac{1}{2} \right) \\ &= \frac{2}{5} \div \left( \left( \frac{4}{45} + \frac{4}{9} \right) \times \frac{1}{2} \right) \\ &= \frac{2}{5} \div \left( \frac{8}{15} \times \frac{1}{2} \right) \\ &= \frac{2}{5} \div \frac{4}{15} \\ &= \frac{3}{2} \\ &= 1\frac{1}{2} \end{aligned}$$

$$\begin{aligned} & \frac{3}{4} + \frac{7}{8} - \frac{3}{5} \times \left( \frac{1}{4} \div \frac{1}{6} \right) \\ &= \frac{3}{4} + \frac{7}{8} - \frac{3}{5} \times \frac{3}{2} \\ &= \frac{3}{4} + \frac{7}{8} - \frac{9}{10} \\ &= \frac{13}{8} - \frac{9}{10} \\ &= \frac{29}{40} \end{aligned}$$

$$\begin{aligned} & \left( \frac{1}{2} + \frac{2}{9} - \frac{1}{8} \right) \times \left( \frac{4}{5} \div \frac{1}{9} \right) \\ &= \left( \frac{13}{18} - \frac{1}{8} \right) \times \left( \frac{4}{5} \div \frac{1}{9} \right) \\ &= \frac{43}{72} \times \left( \frac{4}{5} \div \frac{1}{9} \right) \\ &= \frac{43}{72} \times \frac{36}{5} \\ &= \frac{43}{10} \\ &= 4\frac{3}{10} \end{aligned}$$