

Orden de Operaciones con Decimales (A)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left(\frac{5}{6} \div \frac{4}{5} - \frac{5}{8}\right) \times \left(\frac{1}{3} + \frac{2}{5}\right)$$

$$\left(\frac{1}{2} \times \frac{1}{6} + \frac{7}{8} - \frac{5}{9}\right) \div \frac{5}{6}$$

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

$$\left(\frac{1}{5} \div \left(\frac{1}{8} + \frac{7}{8} - \frac{3}{5}\right)\right) \times \frac{2}{9}$$

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$$\begin{aligned} & \left(\frac{5}{6} \div \frac{4}{5} - \frac{5}{8} \right) \times \left(\frac{1}{3} + \frac{2}{5} \right) \\ &= \left(\frac{25}{24} - \frac{5}{8} \right) \times \left(\frac{1}{3} + \frac{2}{5} \right) \\ &= \frac{5}{12} \times \left(\frac{1}{3} + \frac{2}{5} \right) \\ &= \frac{5}{12} \times \frac{11}{15} \\ &= \frac{11}{36} \end{aligned}$$

$$\begin{aligned} & \left(\frac{1}{2} \times \frac{1}{6} + \frac{7}{8} - \frac{5}{9} \right) \div \frac{5}{6} \\ &= \left(\frac{1}{12} + \frac{7}{8} - \frac{5}{9} \right) \div \frac{5}{6} \\ &= \left(\frac{23}{24} - \frac{5}{9} \right) \div \frac{5}{6} \\ &= \frac{29}{72} \div \frac{5}{6} \\ &= \frac{29}{60} \end{aligned}$$

$$\begin{aligned} & \frac{4}{5} \times \frac{3}{8} \div \left(\frac{1}{5} + \frac{2}{3} - \frac{1}{2} \right) \\ &= \frac{4}{5} \times \frac{3}{8} \div \left(\frac{13}{15} - \frac{1}{2} \right) \\ &= \frac{4}{5} \times \frac{3}{8} \div \frac{11}{30} \\ &= \frac{3}{10} \div \frac{11}{30} \\ &= \frac{9}{11} \end{aligned}$$

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