

Orden de Operaciones con Decimales (E)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

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

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

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

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

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

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

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

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

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

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$$\begin{aligned} & \left(\frac{1}{4} \div \frac{1}{2} \right) \times \frac{5}{6} + \frac{4}{5} \\ &= \frac{1}{2} \times \frac{5}{6} + \frac{4}{5} \\ &= \frac{5}{12} + \frac{4}{5} \\ &= \frac{73}{60} \\ &= 1\frac{13}{60} \end{aligned}$$

$$\begin{aligned} & \frac{1}{3} \div \left(\frac{8}{9} - \frac{1}{9} + \frac{2}{5} \right) \\ &= \frac{1}{3} \div \left(\frac{7}{9} + \frac{2}{5} \right) \\ &= \frac{1}{3} \div \frac{53}{45} \\ &= \frac{15}{53} \end{aligned}$$

$$\begin{aligned} & \left(\frac{8}{9} + \frac{1}{3} - \frac{4}{9} \right) \times \frac{4}{5} \\ &= \left(\frac{11}{9} - \frac{4}{9} \right) \times \frac{4}{5} \\ &= \frac{7}{9} \times \frac{4}{5} \\ &= \frac{28}{45} \end{aligned}$$

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

$$\begin{aligned} & \frac{3}{4} \div \left(\frac{5}{6} - \frac{3}{5} + \frac{2}{3} \right) \\ &= \frac{3}{4} \div \left(\frac{7}{30} + \frac{2}{3} \right) \\ &= \frac{3}{4} \div \frac{9}{10} \\ &= \frac{5}{6} \end{aligned}$$

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

$$\begin{aligned} & \left(\frac{8}{9} - \frac{2}{3} + \frac{5}{8} \right) \div \frac{1}{3} \\ &= \left(\frac{2}{9} + \frac{5}{8} \right) \div \frac{1}{3} \\ &= \frac{61}{72} \div \frac{1}{3} \\ &= \frac{61}{24} \\ &= 2\frac{13}{24} \end{aligned}$$

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

$$\begin{aligned} & \left(\frac{3}{8} + \frac{7}{8} - \frac{5}{9} \right) \div \frac{8}{9} \\ &= \left(\frac{5}{4} - \frac{5}{9} \right) \div \frac{8}{9} \\ &= \frac{25}{36} \div \frac{8}{9} \\ &= \frac{25}{32} \end{aligned}$$