

Orden de Operaciones con Decimales (C)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

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

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

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

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

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

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

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

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

$$\left(\left(\frac{1}{4} - \frac{1}{6} \right) \times \frac{8}{9} \right) \div \frac{7}{9}$$

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$$\begin{aligned} & \frac{1}{8} \times \left(\frac{1}{3} \div \frac{2}{9} + \frac{3}{8} \right) \\ &= \frac{1}{8} \times \left(\frac{3}{2} + \frac{3}{8} \right) \\ &= \frac{1}{8} \times \frac{15}{8} \\ &= \frac{15}{64} \end{aligned}$$

$$\begin{aligned} & \frac{4}{9} \times \left(\frac{4}{5} - \frac{1}{9} + \frac{1}{5} \right) \\ &= \frac{4}{9} \times \left(\frac{31}{45} + \frac{1}{5} \right) \\ &= \frac{4}{9} \times \frac{8}{9} \\ &= \frac{32}{81} \end{aligned}$$

$$\begin{aligned} & \left(\frac{8}{9} + \frac{3}{8} - \frac{1}{8} \right) \div \frac{1}{9} \\ &= \left(\frac{91}{72} - \frac{1}{8} \right) \div \frac{1}{9} \\ &= \frac{41}{36} \div \frac{1}{9} \\ &= \frac{41}{4} \\ &= 10\frac{1}{4} \end{aligned}$$

$$\begin{aligned} & \left(\frac{1}{6} \times \left(\frac{4}{5} - \frac{1}{3} \right) \right) \div \frac{1}{5} \\ &= \left(\frac{1}{6} \times \frac{7}{15} \right) \div \frac{1}{5} \\ &= \frac{7}{90} \div \frac{1}{5} \\ &= \frac{7}{18} \end{aligned}$$

$$\begin{aligned} & \frac{3}{5} \times \left(\frac{5}{8} + \frac{5}{9} \right) \div \frac{2}{3} \\ &= \frac{3}{5} \times \frac{85}{72} \div \frac{2}{3} \\ &= \frac{17}{24} \div \frac{2}{3} \\ &= \frac{17}{16} \\ &= 1\frac{1}{16} \end{aligned}$$

$$\begin{aligned} & \left(\frac{1}{4} + \frac{1}{8} - \frac{1}{5} \right) \times \frac{4}{9} \\ &= \left(\frac{3}{8} - \frac{1}{5} \right) \times \frac{4}{9} \\ &= \frac{7}{40} \times \frac{4}{9} \\ &= \frac{7}{90} \end{aligned}$$

$$\begin{aligned} & \frac{1}{8} \div \left(\frac{3}{4} + \frac{5}{6} - \frac{2}{3} \right) \\ &= \frac{1}{8} \div \left(\frac{19}{12} - \frac{2}{3} \right) \\ &= \frac{1}{8} \div \frac{11}{12} \\ &= \frac{3}{22} \end{aligned}$$

$$\begin{aligned} & \left(\frac{5}{6} + \frac{1}{3} - \frac{7}{8} \right) \div \frac{8}{9} \\ &= \left(\frac{7}{6} - \frac{7}{8} \right) \div \frac{8}{9} \\ &= \frac{7}{24} \div \frac{8}{9} \\ &= \frac{21}{64} \end{aligned}$$

$$\begin{aligned} & \left(\left(\frac{1}{4} - \frac{1}{6} \right) \times \frac{8}{9} \right) \div \frac{7}{9} \\ &= \left(\frac{1}{12} \times \frac{8}{9} \right) \div \frac{7}{9} \\ &= \frac{2}{27} \div \frac{7}{9} \\ &= \frac{2}{21} \end{aligned}$$