

Orden de Operaciones con Decimales (B)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

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

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

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

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

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

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

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

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

$$\left(\frac{5}{8} + \frac{1}{9} \right) \div \frac{3}{4} - \frac{1}{6}$$

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

$$\begin{aligned} & \frac{1}{8} \times \left(\frac{1}{3} \div \frac{3}{8} + \frac{2}{3} \right) \\ &= \frac{1}{8} \times \left(\frac{8}{9} + \frac{2}{3} \right) \\ &= \frac{1}{8} \times \frac{14}{9} \\ &= \frac{7}{36} \end{aligned}$$

$$\begin{aligned} & \frac{2}{9} \times \left(\frac{3}{5} - \frac{2}{5} + \frac{1}{4} \right) \\ &= \frac{2}{9} \times \left(\frac{1}{5} + \frac{1}{4} \right) \\ &= \frac{2}{9} \times \frac{9}{20} \\ &= \frac{1}{10} \end{aligned}$$

$$\begin{aligned} & \frac{3}{5} \div \left(\frac{4}{5} - \frac{5}{9} + \frac{2}{9} \right) \\ &= \frac{3}{5} \div \left(\frac{11}{45} + \frac{2}{9} \right) \\ &= \frac{3}{5} \div \frac{7}{15} \\ &= \frac{9}{7} \\ &= 1\frac{2}{7} \end{aligned}$$

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

$$\begin{aligned} & \left(\frac{5}{6} + \frac{1}{8} \div \frac{1}{3} \right) \times \frac{8}{9} \\ &= \left(\frac{5}{6} + \frac{3}{8} \right) \times \frac{8}{9} \\ &= \frac{29}{24} \times \frac{8}{9} \\ &= \frac{29}{27} \\ &= 1\frac{2}{27} \end{aligned}$$

$$\begin{aligned} & \left(\frac{7}{8} + \frac{1}{4} \div \frac{1}{6} \right) \times \frac{1}{3} \\ &= \left(\frac{7}{8} + \frac{3}{2} \right) \times \frac{1}{3} \\ &= \frac{19}{8} \times \frac{1}{3} \\ &= \frac{19}{24} \end{aligned}$$

$$\begin{aligned} & \frac{3}{5} \div \left(\frac{3}{4} - \frac{2}{3} \times \frac{1}{5} \right) \\ &= \frac{3}{5} \div \left(\frac{3}{4} - \frac{2}{15} \right) \\ &= \frac{3}{5} \div \frac{37}{60} \\ &= \frac{36}{37} \end{aligned}$$

$$\begin{aligned} & \left(\frac{5}{8} + \frac{1}{9} \right) \div \frac{3}{4} - \frac{1}{6} \\ &= \frac{53}{72} \div \frac{3}{4} - \frac{1}{6} \\ &= \frac{53}{54} - \frac{1}{6} \\ &= \frac{22}{27} \end{aligned}$$