

## Orden de Operaciones con Decimales (C)

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

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

$$\left(\left(\frac{7}{8} \times \frac{2}{3}\right) \div \left(\frac{4}{9} + \frac{3}{5} - \frac{1}{9}\right)\right) \div \frac{5}{6}$$

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

$$\left(\frac{7}{9} - \frac{4}{9}\right) \times \left(\frac{3}{8} + \frac{3}{5}\right) \div \left(\frac{5}{8} - \frac{2}{5}\right)$$

# Orden de Operaciones con Decimales (C)

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left( \frac{3}{5} \div \left( \frac{2}{3} - \frac{1}{8} \right) \right) \times \frac{1}{3} + \frac{1}{5} \div \frac{1}{2} \\ &= \left( \frac{3}{5} \div \frac{13}{24} \right) \times \frac{1}{3} + \frac{1}{5} \div \frac{1}{2} \\ &= \frac{72}{65} \times \frac{1}{3} + \frac{1}{5} \div \frac{1}{2} \\ &= \frac{24}{65} + \frac{1}{5} \div \frac{1}{2} \\ &= \frac{24}{65} + \frac{2}{5} \\ &= \frac{10}{13} \end{aligned}$$

$$\begin{aligned} & \left( \left( \frac{7}{8} \times \frac{2}{3} \right) \div \left( \frac{4}{9} + \frac{3}{5} - \frac{1}{9} \right) \right) \div \frac{5}{6} \\ &= \left( \frac{7}{12} \div \left( \frac{4}{9} + \frac{3}{5} - \frac{1}{9} \right) \right) \div \frac{5}{6} \\ &= \left( \frac{7}{12} \div \frac{47}{45} \right) \div \frac{5}{6} \\ &= \left( \frac{7}{12} \div \frac{14}{15} \right) \div \frac{5}{6} \\ &= \frac{5}{8} \div \frac{5}{6} \\ &= \frac{3}{4} \end{aligned}$$

$$\begin{aligned} & \left( \frac{1}{9} \times \frac{3}{8} \right) \div \left( \frac{1}{4} - \frac{2}{9} + \frac{1}{8} + \frac{1}{2} \right) \\ &= \frac{1}{24} \div \left( \frac{1}{4} - \frac{2}{9} + \frac{1}{8} + \frac{1}{2} \right) \\ &= \frac{1}{24} \div \left( \frac{1}{36} + \frac{1}{8} + \frac{1}{2} \right) \\ &= \frac{1}{24} \div \left( \frac{11}{72} + \frac{1}{2} \right) \\ &= \frac{1}{24} \div \frac{47}{72} \\ &= \frac{3}{47} \end{aligned}$$

$$\begin{aligned} & \left( \frac{7}{9} - \frac{4}{9} \right) \times \left( \frac{3}{8} + \frac{3}{5} \right) \div \left( \frac{5}{8} - \frac{2}{5} \right) \\ &= \frac{1}{3} \times \left( \frac{3}{8} + \frac{3}{5} \right) \div \left( \frac{5}{8} - \frac{2}{5} \right) \\ &= \frac{1}{3} \times \frac{39}{40} \div \left( \frac{5}{8} - \frac{2}{5} \right) \\ &= \frac{1}{3} \times \frac{39}{40} \div \frac{9}{40} \\ &= \frac{13}{40} \div \frac{9}{40} \\ &= \frac{13}{9} \\ &= 1\frac{4}{9} \end{aligned}$$