

# Orden de Operaciones con Decimales (G)

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

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

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

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

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

# Orden de Operaciones con Decimales (G)

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

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

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left( \left( \frac{7}{9} - \frac{2}{9} \right) \times \frac{5}{8} \right) \div \left( \frac{4}{9} + \frac{3}{4} \right) \div \frac{1}{3} \\ &= \left( \frac{5}{9} \times \frac{5}{8} \right) \div \left( \frac{4}{9} + \frac{3}{4} \right) \div \frac{1}{3} \\ &= \frac{25}{72} \div \left( \frac{4}{9} + \frac{3}{4} \right) \div \frac{1}{3} \\ &= \frac{25}{72} \div \frac{43}{36} \div \frac{1}{3} \\ &= \frac{25}{86} \div \frac{1}{3} \\ &= \frac{75}{86} \end{aligned}$$

$$\begin{aligned} & \left( \frac{4}{9} \div \frac{5}{8} \right) \times \left( \left( \frac{1}{9} + \frac{7}{9} - \frac{5}{6} \right) \div \frac{2}{9} \right) \\ &= \frac{32}{45} \times \left( \left( \frac{1}{9} + \frac{7}{9} - \frac{5}{6} \right) \div \frac{2}{9} \right) \\ &= \frac{32}{45} \times \left( \left( \frac{8}{9} - \frac{5}{6} \right) \div \frac{2}{9} \right) \\ &= \frac{32}{45} \times \left( \frac{1}{18} \div \frac{2}{9} \right) \\ &= \frac{32}{45} \times \frac{1}{4} \\ &= \frac{8}{45} \end{aligned}$$

$$\begin{aligned} & \left( \left( \frac{8}{9} + \frac{3}{8} \right) \div \frac{2}{3} \right) \times \frac{3}{5} - \frac{1}{8} - \frac{2}{5} \\ &= \left( \frac{91}{72} \div \frac{2}{3} \right) \times \frac{3}{5} - \frac{1}{8} - \frac{2}{5} \\ &= \frac{91}{48} \times \frac{3}{5} - \frac{1}{8} - \frac{2}{5} \\ &= \frac{91}{80} - \frac{1}{8} - \frac{2}{5} \\ &= \frac{81}{80} - \frac{2}{5} \\ &= \frac{49}{80} \end{aligned}$$

$$\begin{aligned} & \left( \frac{5}{9} \div \left( \frac{7}{8} + \frac{3}{4} - \frac{1}{4} \right) \right) \times \left( \frac{3}{8} \div \frac{1}{3} \right) \\ &= \left( \frac{5}{9} \div \left( \frac{13}{8} - \frac{1}{4} \right) \right) \times \left( \frac{3}{8} \div \frac{1}{3} \right) \\ &= \left( \frac{5}{9} \div \frac{11}{8} \right) \times \left( \frac{3}{8} \div \frac{1}{3} \right) \\ &= \frac{40}{99} \times \left( \frac{3}{8} \div \frac{1}{3} \right) \\ &= \frac{40}{99} \times \frac{9}{8} \\ &= \frac{5}{11} \end{aligned}$$