

Orden de Operaciones con Decimales (F)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

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

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

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

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

Orden de Operaciones con Decimales (F)

Nombre: _____

Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\begin{aligned} & \left(\frac{4}{9} \div \left(\frac{1}{2} - \frac{1}{8} \right) \right) \times \left(\frac{5}{9} + \frac{1}{3} + \frac{1}{9} \right) \\ &= \left(\frac{4}{9} \div \frac{3}{8} \right) \times \left(\frac{5}{9} + \frac{1}{3} + \frac{1}{9} \right) \\ &= \frac{32}{27} \times \left(\frac{5}{9} + \frac{1}{3} + \frac{1}{9} \right) \\ &= \frac{32}{27} \times \left(\frac{8}{9} + \frac{1}{9} \right) \\ &= \frac{32}{27} \times 1 \\ &= \frac{32}{27} \\ &= 1 \frac{5}{27} \end{aligned}$$

$$\begin{aligned} & \frac{1}{4} \times \left(\frac{3}{8} - \frac{2}{9} + \frac{5}{8} \right) \div \left(\frac{5}{9} \times \frac{1}{9} \right) \\ &= \frac{1}{4} \times \left(\frac{11}{72} + \frac{5}{8} \right) \div \left(\frac{5}{9} \times \frac{1}{9} \right) \\ &= \frac{1}{4} \times \frac{7}{9} \div \left(\frac{5}{9} \times \frac{1}{9} \right) \\ &= \frac{1}{4} \times \frac{7}{9} \div \frac{5}{81} \\ &= \frac{7}{36} \div \frac{5}{81} \\ &= \frac{63}{20} \\ &= 3 \frac{3}{20} \end{aligned}$$

$$\begin{aligned} & \frac{4}{9} \times \left(\frac{2}{5} + \frac{1}{2} \right) \div \left(\frac{5}{8} - \frac{1}{8} \right) \times \frac{3}{4} \\ &= \frac{4}{9} \times \frac{9}{10} \div \left(\frac{5}{8} - \frac{1}{8} \right) \times \frac{3}{4} \\ &= \frac{4}{9} \times \frac{9}{10} \div \frac{1}{2} \times \frac{3}{4} \\ &= \frac{2}{5} \div \frac{1}{2} \times \frac{3}{4} \\ &= \frac{4}{5} \times \frac{3}{4} \\ &= \frac{3}{5} \end{aligned}$$

$$\begin{aligned} & \left(\frac{2}{9} + \frac{3}{4} \right) \div \frac{7}{9} \times \left(\left(\frac{1}{5} - \frac{1}{8} \right) \times \frac{1}{3} \right) \\ &= \frac{35}{36} \div \frac{7}{9} \times \left(\left(\frac{1}{5} - \frac{1}{8} \right) \times \frac{1}{3} \right) \\ &= \frac{35}{36} \div \frac{7}{9} \times \left(\frac{3}{40} \times \frac{1}{3} \right) \\ &= \frac{35}{36} \div \frac{7}{9} \times \frac{1}{40} \\ &= \frac{5}{4} \times \frac{1}{40} \\ &= \frac{1}{32} \end{aligned}$$