Orden de Operaciones con Decimales (I)

Nombre: _____ Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

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

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

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

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

Orden de Operaciones con Decimales (I)

Nombre: _____ Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left(\frac{1}{5} \div \frac{3}{8}\right) \times \left(\left(\frac{5}{6} - \frac{1}{4} + \frac{1}{9}\right) \times \frac{4}{5}\right)$$
$$= \frac{8}{15} \times \left(\left(\frac{5}{6} - \frac{1}{4} + \frac{1}{9}\right) \times \frac{4}{5}\right)$$
$$= \frac{8}{15} \times \left(\left(\frac{7}{12} + \frac{1}{9}\right) \times \frac{4}{5}\right)$$
$$= \frac{8}{15} \times \left(\frac{25}{36} \times \frac{4}{5}\right)$$
$$= \frac{8}{15} \times \frac{5}{9}$$
$$= \frac{8}{27}$$

$$\left(\frac{1}{9} + \frac{2}{9} - \frac{1}{6}\right) \div \left(\frac{5}{8} \times \left(\frac{2}{5} \times \frac{4}{5}\right)\right)$$
$$= \left(\frac{1}{3} - \frac{1}{6}\right) \div \left(\frac{5}{8} \times \left(\frac{2}{5} \times \frac{4}{5}\right)\right)$$
$$= \frac{1}{6} \div \left(\frac{5}{8} \times \left(\frac{2}{5} \times \frac{4}{5}\right)\right)$$
$$= \frac{1}{6} \div \left(\frac{5}{8} \times \frac{8}{25}\right)$$
$$= \frac{1}{6} \div \frac{1}{5}$$
$$= \frac{5}{6}$$

$$\left(\frac{1}{5} \div \left(\frac{7}{9} - \frac{1}{6}\right)\right) \times \left(\frac{5}{9} + \frac{4}{9} + \frac{5}{6}\right)$$
$$= \left(\frac{1}{5} \div \frac{11}{18}\right) \times \left(\frac{5}{9} + \frac{4}{9} + \frac{5}{6}\right)$$
$$= \frac{18}{55} \times \left(\frac{5}{9} + \frac{4}{9} + \frac{5}{6}\right)$$
$$= \frac{18}{55} \times \left(1 + \frac{5}{6}\right)$$
$$= \frac{18}{55} \times \frac{11}{6}$$
$$= \frac{3}{5}$$

$$\frac{5}{8} - \frac{3}{8} + \frac{7}{9} \times \left(\frac{2}{3} \div \left(\frac{1}{3} + \frac{1}{9}\right)\right)$$
$$= \frac{5}{8} - \frac{3}{8} + \frac{7}{9} \times \left(\frac{2}{3} \div \frac{4}{9}\right)$$
$$= \frac{5}{8} - \frac{3}{8} + \frac{7}{9} \times \frac{3}{2}$$
$$= \frac{5}{8} - \frac{3}{8} + \frac{7}{6}$$
$$= \frac{1}{4} + \frac{7}{6}$$
$$= \frac{17}{12}$$
$$= 1\frac{5}{12}$$