

Order of Operations with Fractions (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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