

Order of Operations with Fractions (D)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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