

Order of Operations with Fractions (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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