Order of Operations with Fractions (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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