

Order of Operations with Fractions (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

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

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

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