

# Order of Operations with Fractions (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

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

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

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

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