

Name _____

Order of Operations with Fractions

Simplify inside the parentheses first, then apply the exponent.

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

$$\frac{25}{81}$$

$$2) \left(-\frac{2}{5} - \frac{1}{10} \right)^2$$

$$\frac{9}{100}$$

$$3) \left(\frac{1}{2} \times \frac{3}{4} \right)^2$$

$$\frac{9}{64}$$

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

$$\frac{1}{125}$$

$$5) \left(\frac{4}{7} \div \frac{2}{3} \right)^2$$

$$\frac{36}{49}$$

$$6) \left(-\frac{5}{7} - \frac{1}{7} \right)^3$$

$$\frac{64}{343}$$

$$7) \left(\frac{4}{11} + \frac{1}{11} \right)^2$$

$$\frac{25}{121}$$

$$8) \left(-\frac{5}{8} - \frac{1}{4} \right)^2$$

$$\frac{9}{64}$$

$$9) \left(\frac{4}{9} \div \frac{2}{3} \right)^2$$

$$\frac{4}{9}$$

$$10) \left(-\frac{2}{5} \div \frac{1}{10} \right)^3$$

$$64$$