

Name \_\_\_\_\_

## Order of Operations with Fractions

Simplify the following expressions by performing the operations with fractions.

$$1) \frac{1}{2} + \frac{1}{4} \div \frac{1}{2} - \frac{1}{8}$$

$$\frac{7}{8}$$

$$2) \frac{3}{4} - \frac{1}{2} \div \frac{2}{3} + \frac{1}{6}$$

$$\frac{1}{6}$$

$$3) \frac{1}{3} + \frac{3}{4} \div \frac{1}{2} - \frac{1}{6}$$

$$\frac{5}{3} \text{ or } 1\frac{2}{3}$$

$$4) \frac{1}{2} + \frac{1}{3} \div \frac{1}{4} - \frac{1}{5}$$

$$\frac{49}{30} \text{ or } 1\frac{19}{30}$$

$$5) \frac{1}{6} + \frac{1}{2} \div \frac{1}{3} - \frac{1}{4}$$

$$\frac{17}{12} \text{ or } 1\frac{5}{12}$$

$$6) \frac{2}{3} - \frac{1}{2} \div \frac{3}{4} + \frac{1}{6}$$

$$\frac{1}{6}$$

$$7) \frac{1}{4} + \frac{1}{5} \div \frac{2}{3} - \frac{1}{6}$$

$$\frac{23}{60}$$

$$8) \frac{3}{8} + \frac{1}{4} \div \frac{1}{2} - \frac{1}{16}$$

$$\frac{13}{16} \text{ or } 11\frac{11}{12}$$

$$9) \frac{2}{5} + \frac{1}{3} \div \frac{3}{4} - \frac{1}{2}$$

$$\frac{13}{90}$$

$$10) \frac{3}{10} + \frac{1}{2} \div \frac{3}{5} - \frac{1}{6}$$

$$\frac{29}{30}$$