

# Simplifying Algebraic Fractions (F)

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

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

Simplify each expression as a single fraction.

1.  $\frac{x}{5} - \frac{x}{8}$

2.  $\frac{8x}{9} + \frac{x+1}{6}$

3.  $\frac{3x}{3} + \frac{x-3}{7}$

4.  $\frac{4x}{7} - \frac{x+1}{8}$

5.  $\frac{5x}{9} - \frac{x+3}{9}$

6.  $\frac{6x}{5} - \frac{x+3}{2}$

7.  $\frac{x}{4} - \frac{x-1}{3}$

8.  $\frac{9x}{4} + \frac{x+3}{4}$

9.  $\frac{4x}{3} + \frac{x+3}{9}$

10.  $\frac{x}{9} - \frac{x-1}{4}$