

# Simplifying Algebraic Fractions (J)

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

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

Simplify each expression as a single fraction.

1.  $\frac{6x}{6} + \frac{x-1}{8}$

2.  $\frac{x}{6} - \frac{x-1}{3}$

3.  $\frac{5x}{6} - \frac{x+3}{8}$

4.  $\frac{3x}{7} - \frac{x+1}{8}$

5.  $\frac{8x}{7} - \frac{x+3}{8}$

6.  $\frac{2x}{9} - \frac{x+3}{8}$

7.  $\frac{9x}{7} - \frac{x}{2}$

8.  $\frac{4x}{9} + \frac{x}{2}$

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

10.  $\frac{9x}{3} - \frac{x-1}{5}$