

# Simplifying Algebraic Fractions (A)

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

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

Simplify each expression as a single fraction.

1.  $\frac{5x-9}{5} + \frac{9(x+1)}{4}$

2.  $\frac{8x-3}{3} + \frac{x+4}{6}$

3.  $\frac{8x}{8} - \frac{2(3x-1)}{4}$

4.  $-\frac{2(x+4)}{7} + \frac{2(x+3)}{2}$

5.  $-\frac{x-9}{7} - \frac{9x+7}{7}$

6.  $\frac{x+6}{4} + \frac{7x-2}{9}$

7.  $\frac{7x-9}{2} + \frac{5x+6}{5} + \frac{x}{6}$

8.  $\frac{7x-5}{9} - \frac{2x}{3} + \frac{3x+5}{9}$

9.  $\frac{7x}{2} + \frac{9x-7}{5} + \frac{7x+4}{6}$

10.  $\frac{3(x-1)}{7} - \frac{7x-8}{6} + \frac{8(x-1)}{8}$