

Name: _____
Algebra I

Date: _____

Directions: Add/Subtract and simplify your final answer if possible.

1. $\frac{x}{x^2-9} + \frac{3}{x^2-9}$

2. $\frac{x}{x+1} + \frac{1}{x+1}$

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

4. $\frac{x^2}{x+2} + \frac{4}{x+2}$

5. $\frac{x+5}{x+11} + \frac{6}{x+11}$

6. $\frac{x^2+x}{x+1} + \frac{2x+2}{x+1}$

7. $\frac{5x}{16x^2} - \frac{x}{16x^2}$

8. $\frac{7x+11}{x^2-36} - \frac{6x+5}{x^2-36}$

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

10. $\frac{x^2+2x}{x+1} - \frac{4x+3}{x+1}$

11. $\frac{12x^2}{6x} - \frac{18}{6x}$

12. $\frac{x}{x^2+2x} - \frac{-2}{x^2+2x}$