

Name: _____

Date: _____

Algebra I

Directions: Add or subtract the rational expressions. Make sure your answer is in simplest form.

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

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

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

5. $\frac{4x}{4x+8} + \frac{2x+1}{3x+6}$

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

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

$$7. \frac{2x}{6} - \frac{x}{3}$$

$$10. \frac{x+3}{x^2+5x+6} - \frac{4}{x+2}$$

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

$$11. \frac{x-1}{x+2} - \frac{x+2}{x-1}$$

$$9. \frac{3x-4}{x^2-25} - \frac{x+1}{x-5}$$