

Name _____

Due Date _____

Block _____

Rational Functions #6

Solve:

$$1. \frac{x-4}{x-2} + \frac{x}{x+2} = \frac{3x+7}{4x+1}$$

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

3.

$$\frac{x+1}{x+2} + \frac{2x-1}{x+3} - \frac{2x-1}{x+1} = \frac{5x^2+8x-3}{x^3+6x^2+11x+6}$$