

Simplify

$$\frac{x^3 - 5x^2 - 14x}{x^4 - 4x^3 - 21x^2}$$

$$\frac{4x^2 - 16x}{8x^4 + 8x^3 - 16x^2}$$

Perform the indicated operation

$$\frac{5x}{x^2 + 7x} - \frac{2x - 7}{x^2 + 7x}$$

$$\frac{3}{x} + \frac{7}{x - 3}$$