

1. Opera y simplifica las siguientes expresiones algebraicas

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

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

$$\frac{1}{x+1} + \frac{2x}{x^2-1} - \frac{1}{x-1}$$

$$\frac{5x+5}{x^2+2x} - \frac{5}{x^2} + \frac{4x-5}{x+2}$$



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

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