

• Guía 1

1: Inecuaciones

$$a: \frac{x-3}{2} - \frac{2-x}{3} > 3$$

$$b: \frac{3 - \frac{1}{3}x}{3 + \frac{1}{2}} \geq \frac{3x - \frac{5}{2}}{1 - \frac{2}{3}}$$

$$c: \frac{1}{x+2} \leq 0$$

$$d: x^4 + 4 < 0$$

$$e: \frac{x^2 - 9}{x - 1} \leq 0$$

2: Inecuaciones con valor absoluto

$$a: |x-2| < x+4$$

$$b: |x^2-1| < x+1$$

$$c: |x^2+1| \geq x^2-x$$

$$d: |x-1| < 2|x-3|$$

$$e: \left| 3 + \frac{1}{x} \right| \leq 3$$

$$f: \left| \frac{3x+12}{x+2} \right| > 1$$