

## SISTEMAS DE INECUACIONES CON UNA INCOGNITA

$$1. \begin{cases} \frac{x}{3} + x < 4 \\ \frac{x}{2} - \frac{x}{3} > 0 \end{cases}$$

$$2. \begin{cases} \frac{x-4}{2} + \frac{x+2}{3} \leq 2 \\ \frac{x}{3} - \frac{x}{2} \leq 1 \end{cases}$$

$$3. \begin{cases} \frac{x}{3} - \frac{x}{2} \geq 1 \\ (x+1)^2 - x^2 \leq 1 \end{cases}$$

$$4. \begin{cases} \frac{x-3}{x} \geq \frac{2}{5} \\ \frac{x-2}{2} + \frac{x+2}{3} \leq 3 \end{cases}$$

$$5. \begin{cases} 2x + x^2 < 3x^2 + 4 \\ 7x^2 + x \geq 2x - 6 \end{cases}$$

$$6. \begin{cases} 2x - 3 \leq 1 \\ x + 4 > 0 \end{cases}$$

$$7. \begin{cases} 2x + 3 > 1 \\ 4x + 5 \leq 9 + 3x \end{cases}$$

$$8. \begin{cases} -13x + 21 \leq 2 - 3(5x - 7) \\ x + 2(3x - 5) > 6x - 7 \end{cases}$$



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