

INECUACIONES

INECUACIONES CON UNA INCOGNITA:

1. $\frac{2x-1}{3} - 3 < x - \frac{x+1}{2}$

2. $\frac{x-1}{3} \geq 2 + \frac{3-x}{6}$

3. $x^2 + 3x \leq 0$

4. $\frac{x+2}{x^2} \leq 0$

5. $\frac{2(x-3)}{3} - \frac{x+1}{3} > x - 2$

6. $\frac{x+7}{3-x} \geq 0$

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

8. $\frac{x+1}{x-2} - 2 \geq 0$

9. $\frac{x^2-x-6}{x^2-3x+6} > 0$

10. $\frac{x(x-2)}{(x+1)(x+3)} \geq 0$

11. $(x-1)^2 - (x+3)^2 + x^2 < -9x - 8$

12. $x(x^2 - 2) - (x+1)(x^2 - 1) > 4 - x^2$

13. $\sqrt{x+3} < 3$

14. $\sqrt{x^2 - 2x + 5} > x - 3$

15. $10x - 9(2x + 1) - 3x > 5(x - 5)$

16. $\frac{5x-2}{2x+1} \leq 0$

17. $\frac{x^2-5x+4}{x^2-5x+6} > 0$

18. $\frac{x-8}{3-x} \leq -4 - x$

19. $\frac{4x^3-4x^2-x+1}{x^2+2x+1} \leq 0$

20. $\frac{x^3-1}{4-x^2} \leq 0$

21. $\frac{x^2-1}{x+2} \leq 0$

22. $\frac{x-3}{x^2-1} \geq 0$

23. $\frac{3x+2}{x-4} \leq 2$

24. $\frac{x^2-3x+2}{x+2} < 0$



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