

ECUACIONES Página 2

1. $\frac{x}{5} = \frac{1}{2} **x = \frac{5}{2}$

2. $\frac{x}{3} = -\frac{5}{4} **x = -\frac{15}{4}$

3. $-\frac{3}{4}x = \frac{1}{2} **x = -\frac{2}{3}$

4. $\frac{2x}{7} = \frac{3}{4} **x = \frac{21}{8}$

5. $\frac{x}{5} = 6 **x = 30$

6. $\frac{3x}{4} = -6 **x = -8$

7. $5x + \frac{1}{3} = 2x - \frac{3}{4} **x = -\frac{13}{36}$

8. $\frac{x}{4} + 5 = \frac{x}{2} - 7 **x = 48$

9. $\frac{8x}{3} + 10 = 2x + 1 **x = -\frac{27}{2}$

10. $\frac{4}{x} = 2 **x = 2$

11. $\frac{x}{3} + \frac{x}{7} = 20 **x = 42$

12. $3x - 11 + \frac{5x}{2} = 0 **x = 2$

13. $\frac{x}{3} + 7 = 62 **x = 165$

14. $\frac{x}{4} - \frac{x}{5} = 5 **x = 100$

15. $84 - x = \frac{2x}{5} **x = 60$

16. $3 + x = \frac{27 + x}{4} **x = 5$

17. $\frac{x}{176 - x} = \frac{3}{5} **x = 66$

18. $\frac{3x - 7}{3x - 17} = -1 **x = 4$

19. $\frac{x}{2} + \frac{x}{4} + \frac{x}{8} = 7 **x = 8$

20. $x - 872 + \frac{9x}{100} = 0 **x = 800$

21. $\frac{8x}{9} - \frac{5x}{6} - 12 = 0 **x = 216$

22. $\frac{16x}{5} + \frac{3x}{2} = 43 + \frac{2x}{3} **x = 10,6$

23. $\frac{x}{2} + \frac{x}{4} + \frac{x}{7} = x - 12 **x = 112$

24. $\frac{x - 5}{9} = \frac{x - 25}{5} **x = 50$

25. $\frac{2x}{3} = 6 **x = 9$

26. $\frac{x}{6} = \frac{1}{3} **x = 2$

27. $\frac{3x}{4} = \frac{6}{8} **x = 1$

28. $15x = 10 **x = \frac{2}{3}$

29. $\frac{x}{6} = \frac{1}{12} **x = \frac{1}{2}$

30. $-\frac{x}{3} = \frac{1}{12} **x = -\frac{1}{4}$

31. $\frac{5x}{4} = 10 **x = 8$

32. $\frac{6x}{5} = -18 **x = -15$

33. $\frac{3x}{4} = 0 **x = 0$

34. $\frac{5x}{7} = \frac{15}{14} **x = \frac{3}{2}$

35. $\frac{2,3x - 2,7}{9} = \frac{4,6x - 3,6}{7} **x = \frac{13,5}{25,3}$

36. $\frac{3x}{2} - \frac{2x}{3} = \frac{5}{2} **x = 3$

37. $\frac{2}{3}x + \frac{5}{4}x = \frac{23}{24} **x = \frac{1}{2}$

38. $\frac{2x + 13}{3} - \frac{6 - x}{4} = 1 **x = -2$

39. $\frac{x + 3}{4} + \frac{4x - 5}{5} = 5 **x = 5$

40. $\frac{6 - x}{4} - \frac{3x + 10}{3} = 2 **x = -\frac{46}{15}$

41. $\frac{3(x - 1)}{4} + \frac{5x - 7}{4} = \frac{3}{2} **x = 2$