

SOLVE FOR X PRACTICE

1. $x + 7 = 9$

2. $7 - x = 4$

3. $6 = 10 + x$

4. $21 = x - 6$

5. $84 = x - 16$

6. $17 = 12 - x$

7. $43 = 5 + x$

8. $-4 + 7 = x - 2$

9. $x - (-4) = 7 + (-3)$

10. $-6 - x = 12 + (-4)$

11. $2x = 10$

12. $2x = 1$

13. $20 = 4x$

14. $48 = -6x$

15. $25x = 100$

16. $2x + 10 = 50$

17. $84 = 13x - 7$

18. $121 + 3x = 4$

19. $4x = \frac{1}{2}$

20. $\frac{x}{6} = 3$

21. $\frac{7}{8} = x - \frac{1}{8}$

22. $\frac{1}{2}x = 17$

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

24. $\frac{-7}{x} = 2$

25. $-25 = \frac{x}{-3}$

26. $\frac{6x}{3} = 18$

27. $3x - 15 = 15 - 3x$

28. $5 - x = 4x + 3$

29. $-3x + 4 = 5 + 3x$

30. $7 + 11x = 11 + 7x$

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

32. $6x - 8 = 5 + 7x$

33. $18x - 22 = x - 16$

34. $6x + (3x - 2) = 12$

35. $14 = 2x + (3x - 7)$

36. $19x - (3 - 2x) = 49x + (-x)$

37. $(-3 + 7x) + 4 - 2x = 0$

38. $37 - (3x - 7) = -(2x + 7)$

39. $30 + (7 - 2x) = (4x + 2) - 1$

40. $85 - (3 - 2x) = 3x + (x - 1)$

41. $26 - (-4x - 7) = 6 + 2x$

42. $(7x + 4) - 3 = 0$

43. $180(x - 3) = 9$

44. $9(2x + 8) = 10 + 2x$

45. $4 + 2(x+7) = 9x - 4(2-x)$

46. $6(x-2) + 4x = x - 3(-6x+10)$

47. $7(2x+3) + 8 = -3(4x-6) + 9$

48. $\frac{1}{2}(4x+18) - 4x = \frac{1}{3}(9-27x)$

49. $9(2x+8) = 20 - 5(x-5)$

50. $17(2x+3) - 3 = 3(3x+3)$

51. $\frac{1}{4}(16x-4) + 5x = 2(x-16)$

52. $210(\frac{1}{7}x + \frac{1}{5}) = 300(\frac{1}{6}x + \frac{1}{5})$

53. $\frac{1}{5}(15x+95) = \frac{1}{6}(42-36x)$

54. $16(\frac{1}{8} + \frac{1}{4}x) = \frac{2}{3}(9x+18) + 10$

55. $\frac{1}{7}(-56x+14) - 1 = -\frac{3}{4}(16-4x)$

56. $-6(\frac{2}{3}x-2) = -7(\frac{-2}{14} + 2x)$

57. $C = mx$

58. $K = \frac{x-p}{2}$

59. $R = 7\frac{E}{x}$

60. $PV = xRT$

61. $xy = \frac{pt}{yc}$

62. $\frac{qx}{pv} = \frac{tj}{pq}$

63. $QT\pi = \frac{x^2}{7}$

64. $\frac{9x}{14} = 252$