ECUACIONES DE PRIMER GRADO

Resuelve las siguientes ecuaciones de primer grado con una incógnita

1. $2x - 34 = 120$
2. $9x + 8 = 7x + 16$
3. $4x + 5 = 3x + 12$
4. $7x + 9 = 57 + x$
5. $5x - 13 = 2x - 4$
6. $x + 17 = 3x + 1$
7. $6x + 160 = 40 + 8x$
8. $9 + 9x = 117 - 3x$
9. $2x + 1 = 3x - 2$
10. $25 - 2x = 3x - 35$
11. $4x + 17 = 3x + 24$
12. $7x - 3 = 21x - 9$
13. $1 + 8x = -64x + 46$
14. $5x - 11 = 15x - 33$
15. $15x - 60 = -12x - 54$
16. $2x + 17 = 3x + 2$
17. $60 - 5x = x - 12$
18. $70 - 3x = 14 + x$
19. $100 - 3x = 5x - 28$
20. $10x - 17 = 4x + 85$
21. $3x + 1 = 7x - 11$
22. $47 - 2x = 5 + 12x$
23. $10 - 9x = -7x + 21$
24. $11x - 100 = 2x - 1$
25. $25 - 2x = 3x - 80$
26. $100 - 5x = 4x - 71$
27. $19 + 8x = 12x + 14$
28. $21y - 3 = 10y + 195$
29. $2 - 6x = 36x - 5$
30. $4 - 24x + 500 = -3x$

31. $x - 5(x - 2)=6x$

32. $3x + 7 = 2(x + 8)$

33. $5x = 8(5x - 3) - 4$

34. $2(x - 6) = 3x - 19$

35. $5 + 5(x - 13) = x$

36. $x - 2 = -3(4 - 2x)$

37. $2(9x - 49) = 15x + 10$

38. $120 = 2x - (15 - 7x)$

39. $60x + 1 = 3(3 + x)$

40. $15(x - 1) + 20(x + 1) = 75$

41. $4x + 7(2x - 1) = x + 163$

42. $3 - 4x(25 - 2x) = 8x^2 + x - 300$

43. $14x + 3(8x - 3) - 295=0$

44. $5[2x - 4(25 - 2x)] = -10x + 20$

45. $3x - 4(x - 2) = x - 10$

46. $5x - 3(x + 5) = 3x + 10$

47. $7(x - 18) = 3 (x - 14)$

48. $5 (x + 4) = 7x - 2$

49. $38 + 7(x - 3) = 9(x + 1)$

50. $3 (3+ 4x) = 4x + 15$

51. $104 - 9x = 4(5x - 3)$

52. $x + 3 = 11(2x - 15)$

53. $15x = 7(2 + 9x) - 30$

54. $5(3x + 2) = 8 (9- 2x)$

55. $x - 13 = 4[3x - 4(x - 2)]$

56. $9(13 - x) - 4x = 5(21 - 2x) + 9x$