Solving Equations 1

Solve each of the following equations. Show all working!

1. $x + 4 = 8$

2. $5 + x = 10$

3. $x + 7 = 15$

4. $x + 7 = 7$

5. $x + 9 = 30$

6. $4 + x = 16$

7. $2x = 8$

8. $4x = 12$

9. $5x = 20$

10. $3x = 27$

11. $6x = 42$

12. $7x = 49$

13. $2x + 4 = 8$

14. $2x + 16 = 20$

15. $2x + 8 = 20$

16. $8 + 2x = 28$

17. $20 + 2x = 40$

18. $3 + 2x = 21$

19. $x + x = 30$

20. $2x = 12 + 8$

21. $3x - x = 24$

22. $3x + 4 = 13$

23. $5 + 3x = 20$

24. $3x + 15 = 45$

25. $5x = 25 + 5$

26. $1 + 4x = 29$

27. $2x + 2x = 40$

28. $7x + 7 = 63$

29. $12 + 6x = 36$

30. $4x + 5 = 17$

31. $2x = x + 4$

32. $3x = 1 + 2x$

33. $4x = 5 + 3x$

34. $8x = 3 + 7x$

35. $3x = 2x + 8$

36. $9x = x + 7x + 4$

37. $7x = 5x + 10$

38. $3x = x + 24$

39. $8x = 4x + 44$

40. $5x = 2x + 27$

41. $10x = 5x + 35$

42. $10x = 4x + 30$

43. $2x + 2 = x + 6$

44. $3x + 4 = 2x + 7$

45. $9x + 1 = 7 + 8x$

46. $6x + 2 = 8 + 4x$

47. $5x + 5 = 3x + 9$

48. $10x + 3 = 9 + 8x$

49. $5x + 1 = x + 17$

50. $4x + 5 = x + 32$

51. $10x + 4 = x + 85$

52. $x + 1 + x = 11$

53. $7x = 0$

54. $5x + 1 = 6$

55. $3x + 3x = 6$

56. $4x - x = 99$

57. $5x + 4 = 4x + 5$

58. $32x = 96$

59. $10x = 100$

60. $x + x = 20 + 20$