

Evaluate each expression when $y = 4$.

1. $7 + y = \underline{11}$ 2. $y - 8 = \underline{-4}$ 3. $y - 5 = \underline{-1}$ 4. $y + 4 = \underline{8}$ 5. $y + 6 = \underline{10}$

6. $y + 7 = \underline{11}$ 7. $9 + y = \underline{13}$ 8. $y + 5 = \underline{9}$ 9. $8 - y = \underline{4}$ 10. $8 + y = \underline{12}$

Solve.

11. $\underline{5}$ The sum of a number and five is 10. Find the number.

12. $\underline{16}$ Six less than a number is 10. Find the number.

13. $\underline{8}$ A number increased by four is 12. Find the number.

14. $\underline{10}$ A number increased by nine is 19. Find the number.

15. $\underline{10}$ Seven less than a number is 3. Find the number.

16. $\underline{9}$ The sum of a number and six is 15. Find the number.

17. $\underline{10}$ The sum of a number and seven is 17. Find the number.

18. $\underline{4}$ A number increased by eight is 12. Find the number.

19. $\underline{16}$ A number decreased by 10 is 6. Find the number.

20. $\underline{4}$ Nine more than a number is 13. What is the number?

Solve for the variable.

21. $y + 7 = 10$ $\underline{y = 3}$ 22. $y + 9 = 15$ $\underline{y = 6}$ 23. $y + 8 = 15$ $\underline{y = 7}$ 24. $5 + y = 10$ $\underline{y = 5}$

25. $3 + y = 8$ $\underline{y = 5}$ 26. $y + 8 = 13$ $\underline{y = 5}$ 27. $y + 2 = 6$ $\underline{y = 4}$ 28. $y + 1 = 2$ $\underline{y = 1}$

29. $y + 8 = 14$ $\underline{y = 6}$ 30. $8 + y = 11$ $\underline{y = 3}$

Evaluate each expression when $y = 4$.

31. $4 - y = \underline{0}$ 32. $y - 3 = \underline{1}$ 33. $9 - y = \underline{5}$ 34. $y - 6 = \underline{-2}$ 35. $y - 2 = \underline{2}$

36. $y - 9 = \underline{-5}$ 37. $y - 5 = \underline{-1}$ 38. $y + 8 = \underline{12}$ 39. $y + 9 = \underline{13}$ 40. $y + 4 = \underline{8}$

Solve for the variable.

41. $y + 6 = 7$ $y = 1$ 42. $y + 1 = 5$ $y = 4$ 43. $6 + y = 7$ $y = 1$ 44. $y - 5 = 1$ $y = 6$

45. $9 + y = 13$ $y = 4$ 46. $y - 2 = 7$ $y = 9$ 47. $y - 2 = 0$ $y = 2$ 48. $y - 6 = 1$ $y = 7$

49. $y - 3 = 1$ $y = 4$ 50. $4 - y = 0$ $y = 4$

Solve.

51. 7 Eight more than a number is 15. What is the number?

52. 8 Six more than a number is 14. What is the number?

53. 10 A number increased by eight is 18. Find the number.

54. 2 One-half of a number is 1. Find the number.

55. 11 Eight less than a number is 3. Find the number.

56. 10 Four less than a number is 6. Find the number.

57. 3 Eight more than a number is 11. What is the number?

58. 8 The sum of a number and 10 is 18. Find the number.

59. 6 Two-thirds of a number is 4. Find the number.

60. 9 A number increased by two is 11. Find the number.