

Evaluate each expression when  $y = 4$ .

1.  $7 + y =$  \_\_\_\_\_ 2.  $y - 8 =$  \_\_\_\_\_ 3.  $y - 5 =$  \_\_\_\_\_ 4.  $y + 4 =$  \_\_\_\_\_ 5.  $y + 6 =$  \_\_\_\_\_

6.  $y + 7 =$  \_\_\_\_\_ 7.  $9 + y =$  \_\_\_\_\_ 8.  $y + 5 =$  \_\_\_\_\_ 9.  $8 - y =$  \_\_\_\_\_ 10.  $8 + y =$  \_\_\_\_\_

Solve.

11. \_\_\_\_\_ The sum of a number and five is 10. Find the number.

12. \_\_\_\_\_ Six less than a number is 10. Find the number.

13. \_\_\_\_\_ A number increased by four is 12. Find the number.

14. \_\_\_\_\_ A number increased by nine is 19. Find the number.

15. \_\_\_\_\_ Seven less than a number is 3. Find the number.

16. \_\_\_\_\_ The sum of a number and six is 15. Find the number.

17. \_\_\_\_\_ The sum of a number and seven is 17. Find the number.

18. \_\_\_\_\_ A number increased by eight is 12. Find the number.

19. \_\_\_\_\_ A number decreased by 10 is 6. Find the number.

20. \_\_\_\_\_ Nine more than a number is 13. What is the number?

Solve for the variable.

21.  $y + 7 = 10$  \_\_\_\_\_ 22.  $y + 9 = 15$  \_\_\_\_\_ 23.  $y + 8 = 15$  \_\_\_\_\_ 24.  $5 + y = 10$  \_\_\_\_\_

25.  $3 + y = 8$  \_\_\_\_\_ 26.  $y + 8 = 13$  \_\_\_\_\_ 27.  $y + 2 = 6$  \_\_\_\_\_ 28.  $y + 1 = 2$  \_\_\_\_\_

29.  $y + 8 = 14$  \_\_\_\_\_ 30.  $8 + y = 11$  \_\_\_\_\_

Evaluate each expression when  $y = 4$ .

31.  $4 - y =$  \_\_\_\_\_ 32.  $y - 3 =$  \_\_\_\_\_ 33.  $9 - y =$  \_\_\_\_\_ 34.  $y - 6 =$  \_\_\_\_\_ 35.  $y - 2 =$  \_\_\_\_\_

36.  $y - 9 =$  \_\_\_\_\_ 37.  $y - 5 =$  \_\_\_\_\_ 38.  $y + 8 =$  \_\_\_\_\_ 39.  $y + 9 =$  \_\_\_\_\_ 40.  $y + 4 =$  \_\_\_\_\_

Solve for the variable.

41.  $y + 6 = 7$  \_\_\_\_\_

42.  $y + 1 = 5$  \_\_\_\_\_

43.  $6 + y = 7$  \_\_\_\_\_

44.  $y - 5 = 1$  \_\_\_\_\_

45.  $9 + y = 13$  \_\_\_\_\_

46.  $y - 2 = 7$  \_\_\_\_\_

47.  $y - 2 = 0$  \_\_\_\_\_

48.  $y - 6 = 1$  \_\_\_\_\_

49.  $y - 3 = 1$  \_\_\_\_\_

50.  $4 - y = 0$  \_\_\_\_\_

Solve.

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

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

53. \_\_\_ A number increased by eight is 18. Find the number.

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

55. \_\_\_ Eight less than a number is 3. Find the number.

56. \_\_\_ Four less than a number is 6. Find the number.

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

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

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

60. \_\_\_ A number increased by two is 11. Find the number.