

Name: _____

Class: _____

ALGEBRA

Solve for the variable.

1. $1 + y = 10$ _____ 2. $y + 9 = 14$ _____ 3. $9 + y = 15$ _____ 4. $y + 6 = 8$ _____

5. $4 + y = 8$ _____ 6. $9 + y = 11$ _____ 7. $7 + y = 11$ _____ 8. $3 + y = 5$ _____

9. $y + 2 = 3$ _____ 10. $4 + y = 13$ _____ 11. $4 + y = 9$ _____ 12. $6 + y = 9$ _____

13. $y + 9 = 10$ _____ 14. $y + 6 = 12$ _____ 15. $3 + y = 9$ _____ 16. $y + 5 = 6$ _____

17. $y + 1 = 3$ _____ 18. $5 + y = 14$ _____ 19. $9 + y = 12$ _____ 20. $1 + y = 4$ _____

21. $3 + y = 7$ _____ 22. $y + 9 = 16$ _____ 23. $3 + y = 6$ _____ 24. $y + 1 = 7$ _____

25. $7 + y = 8$ _____ 26. $5 + y = 11$ _____ 27. $y + 7 = 13$ _____ 28. $y + 2 = 8$ _____

29. $y + 1 = 9$ _____ 30. $4 + y = 11$ _____ 31. $8 + y = 9$ _____ 32. $y + 2 = 11$ _____

33. $1 + y = 6$ _____ 34. $y + 5 = 9$ _____ 35. $2 + y = 6$ _____ 36. $8 + y = 14$ _____

37. $y + 3 = 10$ _____ 38. $5 + y = 8$ _____ 39. $y + 8 = 15$ _____ 40. $9 + y = 13$ _____

41. $2 + y = 10$ _____ 42. $y + 1 = 5$ _____ 43. $y + 4 = 12$ _____ 44. $y + 3 = 8$ _____

45. $y + 7 = 15$ _____ 46. $1 + y = 8$ _____ 47. $y + 8 = 12$ _____ 48. $9 + y = 18$ _____

49. $6 + y = 11$ _____ 50. $y + 5 = 7$ _____ 51. $y + 2 = 4$ _____ 52. $y + 5 = 10$ _____

53. $y + 8 = 17$ _____ 54. $y + 6 = 14$ _____ 55. $4 + y = 10$ _____ 56. $7 + y = 12$ _____

57. $y + 2 = 5$ _____ 58. $y + 6 = 7$ _____ 59. $y + 7 = 16$ _____ 60. $7 + y = 14$ _____

61. $6 + y = 15$ _____ 62. $y + 5 = 13$ _____ 63. $1 + y = 2$ _____ 64. $y + 4 = 7$ _____

65. $y + 3 = 11$ _____ 66. $y + 8 = 13$ _____ 67. $y + 2 = 7$ _____ 68. $7 + y = 10$ _____

69. $y + 8 = 16$ _____ 70. $6 + y = 10$ _____ 71. $y + 3 = 4$ _____ 72. $y + 6 = 13$ _____

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Solve for the variable.

1. $1 + y = 10$ $y = 9$ 2. $y + 9 = 14$ $y = 5$ 3. $9 + y = 15$ $y = 6$ 4. $y + 6 = 8$ $y = 2$

5. $4 + y = 8$ $y = 4$ 6. $9 + y = 11$ $y = 2$ 7. $7 + y = 11$ $y = 4$ 8. $3 + y = 5$ $y = 2$

9. $y + 2 = 3$ $y = 1$ 10. $4 + y = 13$ $y = 9$ 11. $4 + y = 9$ $y = 5$ 12. $6 + y = 9$ $y = 3$

13. $y + 9 = 10$ $y = 1$ 14. $y + 6 = 12$ $y = 6$ 15. $3 + y = 9$ $y = 6$ 16. $y + 5 = 6$ $y = 1$

17. $y + 1 = 3$ $y = 2$ 18. $5 + y = 14$ $y = 9$ 19. $9 + y = 12$ $y = 3$ 20. $1 + y = 4$ $y = 3$

21. $3 + y = 7$ $y = 4$ 22. $y + 9 = 16$ $y = 7$ 23. $3 + y = 6$ $y = 3$ 24. $y + 1 = 7$ $y = 6$

25. $7 + y = 8$ $y = 1$ 26. $5 + y = 11$ $y = 6$ 27. $y + 7 = 13$ $y = 6$ 28. $y + 2 = 8$ $y = 6$

29. $y + 1 = 9$ $y = 8$ 30. $4 + y = 11$ $y = 7$ 31. $8 + y = 9$ $y = 1$ 32. $y + 2 = 11$ $y = 9$

33. $1 + y = 6$ $y = 5$ 34. $y + 5 = 9$ $y = 4$ 35. $2 + y = 6$ $y = 4$ 36. $8 + y = 14$ $y = 6$

37. $y + 3 = 10$ $y = 7$ 38. $5 + y = 8$ $y = 3$ 39. $y + 8 = 15$ $y = 7$ 40. $9 + y = 13$ $y = 4$

41. $2 + y = 10$ $y = 8$ 42. $y + 1 = 5$ $y = 4$ 43. $y + 4 = 12$ $y = 8$ 44. $y + 3 = 8$ $y = 5$

45. $y + 7 = 15$ $y = 8$ 46. $1 + y = 8$ $y = 7$ 47. $y + 8 = 12$ $y = 4$ 48. $9 + y = 18$ $y = 9$

49. $6 + y = 11$ $y = 5$ 50. $y + 5 = 7$ $y = 2$ 51. $y + 2 = 4$ $y = 2$ 52. $y + 5 = 10$ $y = 5$

53. $y + 8 = 17$ $y = 9$ 54. $y + 6 = 14$ $y = 8$ 55. $4 + y = 10$ $y = 6$ 56. $7 + y = 12$ $y = 5$

57. $y + 2 = 5$ $y = 3$ 58. $y + 6 = 7$ $y = 1$ 59. $y + 7 = 16$ $y = 9$ 60. $7 + y = 14$ $y = 7$

61. $6 + y = 15$ $y = 9$ 62. $y + 5 = 13$ $y = 8$ 63. $1 + y = 2$ $y = 1$ 64. $y + 4 = 7$ $y = 3$

65. $y + 3 = 11$ $y = 8$ 66. $y + 8 = 13$ $y = 5$ 67. $y + 2 = 7$ $y = 5$ 68. $7 + y = 10$ $y = 3$

69. $y + 8 = 16$ $y = 8$ 70. $6 + y = 10$ $y = 4$ 71. $y + 3 = 4$ $y = 1$ 72. $y + 6 = 13$ $y = 7$