

Name: _____

Class: _____

ALGEBRA

Solve for the variable.

1. $18 = 9 + y$ _____ 2. $12 = y + 7$ _____ 3. $14 = 9 + y$ _____ 4. $6 = y + 2$ _____

5. $3 = y + 1$ _____ 6. $7 = y + 2$ _____ 7. $6 = 3 + y$ _____ 8. $7 = 3 + y$ _____

9. $7 = y + 5$ _____ 10. $10 = y + 8$ _____ 11. $9 = y + 5$ _____ 12. $6 = y + 5$ _____

13. $8 = y + 3$ _____ 14. $2 = y + 1$ _____ 15. $9 = 1 + y$ _____ 16. $12 = 4 + y$ _____

17. $4 = 2 + y$ _____ 18. $9 = 2 + y$ _____ 19. $7 = 1 + y$ _____ 20. $17 = 9 + y$ _____

21. $5 = 2 + y$ _____ 22. $9 = 8 + y$ _____ 23. $16 = y + 7$ _____ 24. $13 = 4 + y$ _____

25. $11 = y + 3$ _____ 26. $10 = 7 + y$ _____ 27. $12 = y + 5$ _____ 28. $8 = 2 + y$ _____

29. $8 = 4 + y$ _____ 30. $14 = y + 5$ _____ 31. $8 = y + 1$ _____ 32. $11 = 8 + y$ _____

33. $14 = 6 + y$ _____ 34. $10 = 5 + y$ _____ 35. $4 = 1 + y$ _____ 36. $10 = 6 + y$ _____

37. $14 = 8 + y$ _____ 38. $12 = y + 6$ _____ 39. $16 = y + 9$ _____ 40. $9 = 3 + y$ _____

41. $15 = y + 9$ _____ 42. $12 = y + 3$ _____ 43. $10 = 1 + y$ _____ 44. $9 = y + 7$ _____

45. $13 = y + 7$ _____ 46. $13 = y + 9$ _____ 47. $8 = 6 + y$ _____ 48. $16 = 8 + y$ _____

49. $13 = 5 + y$ _____ 50. $11 = 4 + y$ _____ 51. $6 = y + 1$ _____ 52. $10 = 3 + y$ _____

53. $8 = y + 5$ _____ 54. $13 = 6 + y$ _____ 55. $3 = 2 + y$ _____ 56. $10 = 9 + y$ _____

57. $15 = 7 + y$ _____ 58. $13 = y + 8$ _____ 59. $7 = y + 6$ _____ 60. $8 = y + 7$ _____

61. $9 = 4 + y$ _____ 62. $11 = y + 9$ _____ 63. $11 = 6 + y$ _____ 64. $5 = y + 1$ _____

65. $14 = y + 7$ _____ 66. $11 = y + 7$ _____ 67. $11 = y + 5$ _____ 68. $15 = 8 + y$ _____

69. $12 = y + 9$ _____ 70. $5 = 4 + y$ _____ 71. $12 = y + 8$ _____ 72. $9 = y + 6$ _____

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Solve for the variable.

1. $18 = 9 + y$ $y = 9$ 2. $12 = y + 7$ $y = 5$ 3. $14 = 9 + y$ $y = 5$ 4. $6 = y + 2$ $y = 4$

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

9. $7 = y + 5$ $y = 2$ 10. $10 = y + 8$ $y = 2$ 11. $9 = y + 5$ $y = 4$ 12. $6 = y + 5$ $y = 1$

13. $8 = y + 3$ $y = 5$ 14. $2 = y + 1$ $y = 1$ 15. $9 = 1 + y$ $y = 8$ 16. $12 = 4 + y$ $y = 8$

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29. $8 = 4 + y$ $y = 4$ 30. $14 = y + 5$ $y = 9$ 31. $8 = y + 1$ $y = 7$ 32. $11 = 8 + y$ $y = 3$

33. $14 = 6 + y$ $y = 8$ 34. $10 = 5 + y$ $y = 5$ 35. $4 = 1 + y$ $y = 3$ 36. $10 = 6 + y$ $y = 4$

37. $14 = 8 + y$ $y = 6$ 38. $12 = y + 6$ $y = 6$ 39. $16 = y + 9$ $y = 7$ 40. $9 = 3 + y$ $y = 6$

41. $15 = y + 9$ $y = 6$ 42. $12 = y + 3$ $y = 9$ 43. $10 = 1 + y$ $y = 9$ 44. $9 = y + 7$ $y = 2$

45. $13 = y + 7$ $y = 6$ 46. $13 = y + 9$ $y = 4$ 47. $8 = 6 + y$ $y = 2$ 48. $16 = 8 + y$ $y = 8$

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69. $12 = y + 9$ $y = 3$ 70. $5 = 4 + y$ $y = 1$ 71. $12 = y + 8$ $y = 4$ 72. $9 = y + 6$ $y = 3$