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. $9 = y + 6$ _____

ALGEBRA

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

17. $4 = 2 + y$ y = 2   18. $9 = 2 + y$ y = 7   19. $7 = 1 + y$ y = 6   20. $17 = 9 + y$ y = 8

21. $5 = 2 + y$ y = 3   22. $9 = 8 + y$ y = 1   23. $16 = y + 7$ y = 9   24. $13 = 4 + y$ y = 9

25. $11 = y + 3$ y = 8   26. $10 = 7 + y$ y = 3   27. $12 = y + 5$ y = 7   28. $8 = 2 + y$ y = 6

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

49. $13 = 5 + y$ y = 8   50. $11 = 4 + y$ y = 7   51. $6 = y + 1$ y = 5   52. $10 = 3 + y$ y = 7

53. $8 = y + 5$ y = 3   54. $13 = 6 + y$ y = 7   55. $3 = 2 + y$ y = 1   56. $10 = 9 + y$ y = 1

57. $15 = 7 + y$ y = 8   58. $13 = y + 8$ y = 5   59. $7 = y + 6$ y = 1   60. $8 = y + 7$ y = 1

61. $9 = 4 + y$ y = 5   62. $11 = y + 9$ y = 2   63. $11 = 6 + y$ y = 5   64. $5 = y + 1$ y = 4

65. $14 = y + 7$ y = 7   66. $11 = y + 7$ y = 4   67. $11 = y + 5$ y = 6   68. $15 = 8 + y$ y = 7

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