ALGEBRA

Solve for the variable.

1. 1y + 8 = 17 _____
2. 59 = 8y + 3 _____
3. 54 = 9 + 9y _____
4. 2 + 8y = 34 _____

5. 61 = 5 + 7y _____
6. 5y + 7 = 47 _____
7. 9 = 8 + 1y _____
8. 7 = 3y + 1 _____

9. 2y + 1 = 7 _____
10. 4 + 4y = 16 _____
11. 2y + 9 = 17 _____
12. 4y + 7 = 15 _____

13. 13 = 2y + 3 _____
14. 7y + 4 = 60 _____
15. 1 + 2y = 17 _____
16. 35 = 8 + 9y _____

17. 1y + 8 = 16 _____
18. 9 = 2y + 5 _____
19. 46 = 6 + 8y _____
20. 18 = 4 + 7y _____

21. 14 = 4 + 2y _____
22. 7y + 2 = 9 _____
23. 2y + 6 = 24 _____
24. 9y + 7 = 16 _____

25. 4 + 2y = 22 _____
26. 8y + 5 = 37 _____
27. 16 = 9 + 1y _____
28. 1 + 3y = 4 _____

29. 54 = 7y + 5 _____
30. 28 = 6y + 4 _____
31. 7 + 5y = 22 _____
32. 33 = 9 + 3y _____

33. 56 = 7 + 7y _____
34. 24 = 6 + 6y _____
35. 8y + 5 = 13 _____
36. 6 + 4y = 22 _____

37. 4y + 2 = 10 _____
38. 2 + 1y = 10 _____
39. 27 = 7 + 4y _____
40. 16 = 1y + 7 _____

41. 3 + 6y = 21 _____
42. 41 = 5 + 4y _____
43. 37 = 7 + 5y _____
44. 8 + 3y = 20 _____

45. 8y + 4 = 60 _____
46. 6y + 3 = 51 _____
47. 19 = 3 + 4y _____
48. 64 = 1 + 7y _____

49. 52 = 8y + 4 _____
50. 9 + 3y = 12 _____
51. 7y + 7 = 35 _____
52. 36 = 5y + 1 _____

53. 3y + 3 = 21 _____
54. 8 + 1y = 15 _____
55. 37 = 2 + 7y _____
56. 4 + 3y = 7 _____

57. 33 = 8 + 5y _____
58. 7y + 1 = 43 _____
59. 8y + 3 = 75 _____
60. 23 = 2 + 7y _____

61. 9y + 2 = 83 _____
62. 8 + 4y = 16 _____
63. 3y + 6 = 27 _____
64. 18 = 1y + 9 _____

65. 56 = 8 + 8y _____
66. 23 = 2 + 3y _____
67. 59 = 5 + 9y _____
68. 14 = 6 + 4y _____

69. 8y + 1 = 41 _____
70. 1y + 5 = 10 _____
71. 1 + 6y = 25 _____
72. 8y + 2 = 50 _____

ALGEBRA

Solve for the variable.

1. $1y + 8 = 17$ y = 9

2. $59 = 8y + 3$ y = 7

3. $54 = 9 + 9y$ y = 5

4. $2 + 8y = 34$ y = 4

5. $61 = 5 + 7y$ y = 8

6. $5y + 7 = 47$ y = 8

7. $9 = 8 + 1y$ y = 1

8. $7 = 3y + 1$ y = 2

9. $2y + 1 = 7$ y = 3

10. $4 + 4y = 16$ y = 3

11. $2y + 9 = 17$ y = 4

12. $4y + 7 = 15$ y = 2

13. $13 = 2y + 3$ y = 5

14. $7y + 4 = 60$ y = 8

15. $1 + 2y = 17$ y = 8

16. $35 = 8 + 9y$ y = 3

17. $1y + 8 = 16$ y = 8

18. $9 = 2y + 5$ y = 2

19. $46 = 6 + 8y$ y = 5

20. $18 = 4 + 7y$ y = 2

21. $14 = 4 + 2y$ y = 5

22. $7y + 2 = 9$ y = 1

23. $2y + 6 = 24$ y = 9

24. $9y + 7 = 16$ y = 1

25. $4 + 2y = 22$ y = 9

26. $8y + 5 = 37$ y = 4

27. $16 = 9 + 1y$ y = 7

28. $1 + 3y = 4$ y = 1

29. $54 = 7y + 5$ y = 7

30. $28 = 6y + 4$ y = 4

31. $7 + 5y = 22$ y = 3

32. $33 = 9 + 3y$ y = 8

33. $56 = 7 + 7y$ y = 7

34. $24 = 6 + 6y$ y = 3

35. $8y + 5 = 13$ y = 1

36. $6 + 4y = 22$ y = 4

37. $4y + 2 = 10$ y = 2

38. $2 + 1y = 10$ y = 8

39. $27 = 7 + 4y$ y = 5

40. $16 = 1y + 7$ y = 9

41. $3 + 6y = 21$ y = 3

42. $41 = 5 + 4y$ y = 9

43. $37 = 7 + 5y$ y = 6

44. $8 + 3y = 20$ y = 4

45. $8y + 4 = 60$ y = 7

46. $6y + 3 = 51$ y = 8

47. $19 = 3 + 4y$ y = 4

48. $64 = 1 + 7y$ y = 9

49. $52 = 8y + 4$ y = 6

50. $9 + 3y = 12$ y = 1

51. $7y + 7 = 35$ y = 4

52. $36 = 5y + 1$ y = 7

53. $3y + 3 = 21$ y = 6

54. $8 + 1y = 15$ y = 7

55. $37 = 2 + 7y$ y = 5

56. $4 + 3y = 7$ y = 1

57. $33 = 8 + 5y$ y = 5

58. $7y + 1 = 43$ y = 6

59. $8y + 3 = 75$ y = 9

60. $23 = 2 + 7y$ y = 3

61. $9y + 2 = 83$ y = 9

62. $8 + 4y = 16$ y = 2

63. $3y + 6 = 27$ y = 7

64. $18 = 1y + 9$ y = 9

65. $56 = 8 + 8y$ y = 6

66. $23 = 2 + 3y$ y = 7

67. $59 = 5 + 9y$ y = 6

68. $14 = 6 + 4y$ y = 2

69. $8y + 1 = 41$ y = 5

70. $1y + 5 = 10$ y = 5

71. $1 + 6y = 25$ y = 4

72. $8y + 2 = 50$ y = 6