

Name: \_\_\_\_\_

Class: \_\_\_\_\_

## ALGEBRA

Solve for the variable.

- |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|
| 1. $3 + y = 4$ _____   | 2. $5 + y = 12$ _____  | 3. $y + 5 = 6$ _____   | 4. $16 = 9 + y$ _____  |
| 5. $y + 4 = 10$ _____  | 6. $3 + y = 12$ _____  | 7. $17 = y + 8$ _____  | 8. $17 = y + 9$ _____  |
| 9. $y + 6 = 9$ _____   | 10. $y + 3 = 9$ _____  | 11. $8 = 6 + y$ _____  | 12. $y + 5 = 10$ _____ |
| 13. $y + 1 = 3$ _____  | 14. $7 = 4 + y$ _____  | 15. $y + 1 = 9$ _____  | 16. $2 + y = 5$ _____  |
| 17. $8 + y = 15$ _____ | 18. $1 + y = 2$ _____  | 19. $7 = 1 + y$ _____  | 20. $13 = y + 4$ _____ |
| 21. $10 = y + 7$ _____ | 22. $6 = y + 2$ _____  | 23. $5 = y + 3$ _____  | 24. $9 + y = 15$ _____ |
| 25. $9 = y + 7$ _____  | 26. $9 = y + 2$ _____  | 27. $10 = 9 + y$ _____ | 28. $13 = 5 + y$ _____ |
| 29. $y + 7 = 15$ _____ | 30. $13 = 8 + y$ _____ | 31. $8 = y + 2$ _____  | 32. $12 = y + 9$ _____ |
| 33. $6 = 1 + y$ _____  | 34. $13 = y + 6$ _____ | 35. $1 + y = 4$ _____  | 36. $y + 6 = 15$ _____ |
| 37. $4 = y + 2$ _____  | 38. $12 = 4 + y$ _____ | 39. $18 = y + 9$ _____ | 40. $3 = 2 + y$ _____  |
| 41. $11 = 5 + y$ _____ | 42. $y + 3 = 8$ _____  | 43. $2 + y = 11$ _____ | 44. $7 = y + 3$ _____  |
| 45. $1 + y = 8$ _____  | 46. $6 = 3 + y$ _____  | 47. $7 = y + 2$ _____  | 48. $y + 6 = 11$ _____ |
| 49. $y + 8 = 11$ _____ | 50. $5 = y + 1$ _____  | 51. $y + 8 = 16$ _____ | 52. $y + 5 = 9$ _____  |
| 53. $16 = 7 + y$ _____ | 54. $y + 8 = 12$ _____ | 55. $7 = 6 + y$ _____  | 56. $6 + y = 14$ _____ |
| 57. $13 = y + 7$ _____ | 58. $y + 9 = 13$ _____ | 59. $y + 7 = 12$ _____ | 60. $y + 9 = 14$ _____ |
| 61. $10 = y + 2$ _____ | 62. $4 + y = 5$ _____  | 63. $y + 4 = 6$ _____  | 64. $y + 3 = 10$ _____ |
| 65. $y + 8 = 10$ _____ | 66. $10 = 6 + y$ _____ | 67. $y + 8 = 14$ _____ | 68. $4 + y = 11$ _____ |
| 69. $9 = 8 + y$ _____  | 70. $10 = 1 + y$ _____ | 71. $y + 5 = 8$ _____  | 72. $y + 4 = 9$ _____  |

Name: \_\_\_\_\_

Class: \_\_\_\_\_

# ALGEBRA

Solve for the variable.

1.  $3 + y = 4$   $y = 1$
2.  $5 + y = 12$   $y = 7$
3.  $y + 5 = 6$   $y = 1$
4.  $16 = 9 + y$   $y = 7$
5.  $y + 4 = 10$   $y = 6$
6.  $3 + y = 12$   $y = 9$
7.  $17 = y + 8$   $y = 9$
8.  $17 = y + 9$   $y = 8$
9.  $y + 6 = 9$   $y = 3$
10.  $y + 3 = 9$   $y = 6$
11.  $8 = 6 + y$   $y = 2$
12.  $y + 5 = 10$   $y = 5$
13.  $y + 1 = 3$   $y = 2$
14.  $7 = 4 + y$   $y = 3$
15.  $y + 1 = 9$   $y = 8$
16.  $2 + y = 5$   $y = 3$
17.  $8 + y = 15$   $y = 7$
18.  $1 + y = 2$   $y = 1$
19.  $7 = 1 + y$   $y = 6$
20.  $13 = y + 4$   $y = 9$
21.  $10 = y + 7$   $y = 3$
22.  $6 = y + 2$   $y = 4$
23.  $5 = y + 3$   $y = 2$
24.  $9 + y = 15$   $y = 6$
25.  $9 = y + 7$   $y = 2$
26.  $9 = y + 2$   $y = 7$
27.  $10 = 9 + y$   $y = 1$
28.  $13 = 5 + y$   $y = 8$
29.  $y + 7 = 15$   $y = 8$
30.  $13 = 8 + y$   $y = 5$
31.  $8 = y + 2$   $y = 6$
32.  $12 = y + 9$   $y = 3$
33.  $6 = 1 + y$   $y = 5$
34.  $13 = y + 6$   $y = 7$
35.  $1 + y = 4$   $y = 3$
36.  $y + 6 = 15$   $y = 9$
37.  $4 = y + 2$   $y = 2$
38.  $12 = 4 + y$   $y = 8$
39.  $18 = y + 9$   $y = 9$
40.  $3 = 2 + y$   $y = 1$
41.  $11 = 5 + y$   $y = 6$
42.  $y + 3 = 8$   $y = 5$
43.  $2 + y = 11$   $y = 9$
44.  $7 = y + 3$   $y = 4$
45.  $1 + y = 8$   $y = 7$
46.  $6 = 3 + y$   $y = 3$
47.  $7 = y + 2$   $y = 5$
48.  $y + 6 = 11$   $y = 5$
49.  $y + 8 = 11$   $y = 3$
50.  $5 = y + 1$   $y = 4$
51.  $y + 8 = 16$   $y = 8$
52.  $y + 5 = 9$   $y = 4$
53.  $16 = 7 + y$   $y = 9$
54.  $y + 8 = 12$   $y = 4$
55.  $7 = 6 + y$   $y = 1$
56.  $6 + y = 14$   $y = 8$
57.  $13 = y + 7$   $y = 6$
58.  $y + 9 = 13$   $y = 4$
59.  $y + 7 = 12$   $y = 5$
60.  $y + 9 = 14$   $y = 5$
61.  $10 = y + 2$   $y = 8$
62.  $4 + y = 5$   $y = 1$
63.  $y + 4 = 6$   $y = 2$
64.  $y + 3 = 10$   $y = 7$
65.  $y + 8 = 10$   $y = 2$
66.  $10 = 6 + y$   $y = 4$
67.  $y + 8 = 14$   $y = 6$
68.  $4 + y = 11$   $y = 7$
69.  $9 = 8 + y$   $y = 1$
70.  $10 = 1 + y$   $y = 9$
71.  $y + 5 = 8$   $y = 3$
72.  $y + 4 = 9$   $y = 5$