

PRE-ALGEBRA FUN

Name: _____ Date: _____

Direction: Solve for the missing variable for each of the following equations.

1. $1 + y = 10$ _____ 2. $y + 9 = 14$ _____ 3. $3.9 + y = 15$ _____ 4. $y + 6 = 8$ _____

5. $4 + y = 8$ _____ 6. $6.9 + y = 11$ _____ 7. $7.7 + y = 11$ _____ 8. $8.3 + y = 5$ _____

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. $y + 6 = 13$ _____

PRE-ALGEBRA FUN

ANSWER KEY

Direction: Solve for the missing variable for each of the following equations.

$1.1 + y = 10y = 9$

$2.y + 9 = 14y = 5$

$3.9 + y = 15y = 6$

$4.y + 6 = 8y = 2$

$5.4 + y = 8y = 4$

$6.9 + y = 11y = 2$

$7.7 + y = 11y = 4$

$8.3 + y = 5y = 2$

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

$10.4 + y = 13y = 9$

$11.4 + y = 9y = 5$

$12.6 + y = 9y = 3$

$13.y + 9 = 10y = 1$

$14.y + 6 = 12y = 6$

$15.3 + y = 9y = 6$

$16.y + 5 = 6y = 1$

$17.y + 1 = 3y = 2$

$18.5 + y = 14y = 9$

$19.9 + y = 12y = 3$

$20.1 + y = 4y = 3$

$21.3 + y = 7y = 4$

$22.y + 9 = 16y = 7$

$23.3 + y = 6y = 3$

$24.y + 1 = 7y = 6$

$25.7 + y = 8y = 1$

$26.5 + y = 11y = 6$

$27.y + 7 = 13y = 6$

$28.y + 2 = 8y = 6$

$29.y + 1 = 9y = 8$

$30.4 + y = 11y = 7$

$31.8 + y = 9y = 1$

$32.y + 2 = 11y = 9$

$33.1 + y = 6y = 5$

$34.y + 5 = 9y = 4$

$35.2 + y = 6y = 4$

$36.8 + y = 14y = 6$

$37.y + 3 = 10y = 7$

$38.5 + y = 8y = 3$

$39.y + 8 = 15y = 7$

$40.9 + y = 13y = 4$

$41.2 + y = 10y = 8$

$42.y + 1 = 5y = 4$

$43.y + 4 = 12y = 8$

$44.y + 3 = 8y = 5$

$45.y + 7 = 15y = 8$

$46.1 + y = 8y = 7$

$47.y + 8 = 12y = 4$

$48.9 + y = 18y = 9$

$49.6 + y = 11y = 5$

$50.y + 5 = 7y = 2$

$51.y + 2 = 4y = 2$

$52.y + 5 = 10y = 5$

$53.y + 8 = 17y = 9$

$54.y + 6 = 14y = 8$

$55.4 + y = 10y = 6$

$56.7 + y = 12y = 5$

$57.y + 2 = 5y = 3$

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

$59.y + 7 = 16y = 9$

$60.7 + y = 14y = 7$

$61.6 + y = 15y = 9$

$62.y + 5 = 13y = 8$

$63.1 + y = 2y = 1$

$64.y + 4 = 7y = 3$

$65.y + 3 = 11y = 8$

$66.y + 8 = 13y = 5$

$67.y + 2 = 7y = 5$

$68.7 + y = 10y = 3$

$69.y + 8 = 16y = 8$

$70.6 + y = 10y = 4$

$71.y + 3 = 4y = 1$

$72.y + 6 = 13y = 7$