

Name: _____

Class: _____

ALGEBRA

Solve for the variable.

1. $49 \div y = 7$ _____ 2. $4 = y \div 4$ _____ 3. $y \div 3 = 8$ _____ 4. $y \div 8 = 5$ _____

5. $7 = y \div 4$ _____ 6. $5 = 35 \div y$ _____ 7. $3 = 6 \div y$ _____ 8. $8 = y \div 1$ _____

9. $6 = 36 \div y$ _____ 10. $2 = y \div 6$ _____ 11. $63 \div y = 7$ _____ 12. $3 \div y = 1$ _____

13. $9 = y \div 1$ _____ 14. $y \div 7 = 5$ _____ 15. $3 \div y = 3$ _____ 16. $4 = y \div 7$ _____

17. $42 \div y = 7$ _____ 18. $4 = 36 \div y$ _____ 19. $3 = y \div 8$ _____ 20. $y \div 6 = 1$ _____

21. $8 = 8 \div y$ _____ 22. $y \div 2 = 6$ _____ 23. $4 = 12 \div y$ _____ 24. $y \div 9 = 7$ _____

25. $y \div 9 = 9$ _____ 26. $30 \div y = 6$ _____ 27. $y \div 2 = 4$ _____ 28. $y \div 2 = 5$ _____

29. $6 = y \div 8$ _____ 30. $54 \div y = 6$ _____ 31. $2 = y \div 5$ _____ 32. $5 \div y = 5$ _____

33. $y \div 2 = 9$ _____ 34. $y \div 1 = 4$ _____ 35. $6 = y \div 1$ _____ 36. $2 = y \div 4$ _____

37. $9 = y \div 3$ _____ 38. $y \div 6 = 4$ _____ 39. $8 = y \div 9$ _____ 40. $1 = 1 \div y$ _____

41. $2 = y \div 1$ _____ 42. $4 = y \div 5$ _____ 43. $y \div 3 = 4$ _____ 44. $3 = 9 \div y$ _____

45. $y \div 7 = 3$ _____ 46. $6 = 42 \div y$ _____ 47. $y \div 4 = 5$ _____ 48. $6 = y \div 5$ _____

49. $1 = 7 \div y$ _____ 50. $y \div 8 = 4$ _____ 51. $2 = 2 \div y$ _____ 52. $25 \div y = 5$ _____

53. $8 = 72 \div y$ _____ 54. $8 = y \div 6$ _____ 55. $6 = y \div 4$ _____ 56. $9 = 54 \div y$ _____

57. $5 \div y = 1$ _____ 58. $36 \div y = 9$ _____ 59. $y \div 3 = 6$ _____ 60. $y \div 8 = 7$ _____

61. $2 = 16 \div y$ _____ 62. $8 = y \div 4$ _____ 63. $6 = 18 \div y$ _____ 64. $2 = y \div 9$ _____

65. $7 = y \div 2$ _____ 66. $16 \div y = 8$ _____ 67. $15 \div y = 3$ _____ 68. $40 \div y = 5$ _____

69. $56 \div y = 7$ _____ 70. $45 \div y = 9$ _____ 71. $8 = y \div 8$ _____ 72. $1 = y \div 9$ _____

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Solve for the variable.

1. $49 \div y = 7$ $y = 7$ 2. $4 = y \div 4$ $y = 16$ 3. $y \div 3 = 8$ $y = 24$ 4. $y \div 8 = 5$ $y = 40$

5. $7 = y \div 4$ $y = 28$ 6. $5 = 35 \div y$ $y = 7$ 7. $3 = 6 \div y$ $y = 2$ 8. $8 = y \div 1$ $y = 8$

9. $6 = 36 \div y$ $y = 6$ 10. $2 = y \div 6$ $y = 12$ 11. $63 \div y = 7$ $y = 9$ 12. $3 \div y = 1$ $y = 3$

13. $9 = y \div 1$ $y = 9$ 14. $y \div 7 = 5$ $y = 35$ 15. $3 \div y = 3$ $y = 1$ 16. $4 = y \div 7$ $y = 28$

17. $42 \div y = 7$ $y = 6$ 18. $4 = 36 \div y$ $y = 9$ 19. $3 = y \div 8$ $y = 24$ 20. $y \div 6 = 1$ $y = 6$

21. $8 = 8 \div y$ $y = 1$ 22. $y \div 2 = 6$ $y = 12$ 23. $4 = 12 \div y$ $y = 3$ 24. $y \div 9 = 7$ $y = 63$

25. $y \div 9 = 9$ $y = 81$ 26. $30 \div y = 6$ $y = 5$ 27. $y \div 2 = 4$ $y = 8$ 28. $y \div 2 = 5$ $y = 10$

29. $6 = y \div 8$ $y = 48$ 30. $54 \div y = 6$ $y = 9$ 31. $2 = y \div 5$ $y = 10$ 32. $5 \div y = 5$ $y = 1$

33. $y \div 2 = 9$ $y = 18$ 34. $y \div 1 = 4$ $y = 4$ 35. $6 = y \div 1$ $y = 6$ 36. $2 = y \div 4$ $y = 8$

37. $9 = y \div 3$ $y = 27$ 38. $y \div 6 = 4$ $y = 24$ 39. $8 = y \div 9$ $y = 72$ 40. $1 = 1 \div y$ $y = 1$

41. $2 = y \div 1$ $y = 2$ 42. $4 = y \div 5$ $y = 20$ 43. $y \div 3 = 4$ $y = 12$ 44. $3 = 9 \div y$ $y = 3$

45. $y \div 7 = 3$ $y = 21$ 46. $6 = 42 \div y$ $y = 7$ 47. $y \div 4 = 5$ $y = 20$ 48. $6 = y \div 5$ $y = 30$

49. $1 = 7 \div y$ $y = 7$ 50. $y \div 8 = 4$ $y = 32$ 51. $2 = 2 \div y$ $y = 1$ 52. $25 \div y = 5$ $y = 5$

53. $8 = 72 \div y$ $y = 9$ 54. $8 = y \div 6$ $y = 48$ 55. $6 = y \div 4$ $y = 24$ 56. $9 = 54 \div y$ $y = 6$

57. $5 \div y = 1$ $y = 5$ 58. $36 \div y = 9$ $y = 4$ 59. $y \div 3 = 6$ $y = 18$ 60. $y \div 8 = 7$ $y = 56$

61. $2 = 16 \div y$ $y = 8$ 62. $8 = y \div 4$ $y = 32$ 63. $6 = 18 \div y$ $y = 3$ 64. $2 = y \div 9$ $y = 18$

65. $7 = y \div 2$ $y = 14$ 66. $16 \div y = 8$ $y = 2$ 67. $15 \div y = 3$ $y = 5$ 68. $40 \div y = 5$ $y = 8$

69. $56 \div y = 7$ $y = 8$ 70. $45 \div y = 9$ $y = 5$ 71. $8 = y \div 8$ $y = 64$ 72. $1 = y \div 9$ $y = 9$