

Name: _____

Class: _____

ALGEBRA

Solve for the variable.

1. $6 = y \div 1$ _____
2. $9 = y \div 7$ _____
3. $4 = y \div 6$ _____
4. $8 = 16 \div y$ _____
5. $4 = 24 \div y$ _____
6. $7 = y \div 6$ _____
7. $5 = y \div 1$ _____
8. $4 = 20 \div y$ _____
9. $14 = 2 \times y$ _____
10. $2 = y \div 5$ _____
11. $5 = y \div 3$ _____
12. $1 = y \div 4$ _____
13. $4 = 32 \div y$ _____
14. $4 = y \div 9$ _____
15. $5 = 35 \div y$ _____
16. $2 = y \div 3$ _____
17. $18 = y \times 9$ _____
18. $54 = 6 \times y$ _____
19. $2 = 12 \div y$ _____
20. $6 = y \div 8$ _____
21. $5 = 25 \div y$ _____
22. $2 = y \div 6$ _____
23. $1 = 2 \div y$ _____
24. $3 = y \div 1$ _____
25. $7 = 56 \div y$ _____
26. $7 = 35 \div y$ _____
27. $64 = y \times 8$ _____
28. $7 = 1 \times y$ _____
29. $15 = 5 \times y$ _____
30. $81 = 9 \times y$ _____
31. $45 = 5 \times y$ _____
32. $40 = 8 \times y$ _____
33. $2 = 4 \div y$ _____
34. $8 = 4 \times y$ _____
35. $7 = 7 \div y$ _____
36. $20 = y \times 5$ _____
37. $30 = 5 \times y$ _____
38. $4 = 28 \div y$ _____
39. $7 = y \div 8$ _____
40. $3 = 9 \div y$ _____
41. $9 = y \div 1$ _____
42. $7 = 28 \div y$ _____
43. $3 = 3 \times y$ _____
44. $8 = 1 \times y$ _____
45. $9 = 72 \div y$ _____
46. $4 = y \div 1$ _____
47. $9 = 9 \div y$ _____
48. $6 = y \times 2$ _____
49. $8 = y \times 2$ _____
50. $45 = 9 \times y$ _____
51. $18 = 6 \times y$ _____
52. $8 = 72 \div y$ _____
53. $9 = 27 \div y$ _____
54. $2 = y \times 2$ _____
55. $49 = 7 \times y$ _____
56. $12 = 4 \times y$ _____
57. $5 = y \div 2$ _____
58. $54 = 9 \times y$ _____
59. $1 = y \times 1$ _____
60. $6 = y \div 7$ _____
61. $9 = y \div 3$ _____
62. $63 = 9 \times y$ _____
63. $16 = 4 \times y$ _____
64. $18 = 2 \times y$ _____
65. $3 = 21 \div y$ _____
66. $6 = 6 \div y$ _____
67. $16 = y \times 2$ _____
68. $3 = 18 \div y$ _____
69. $30 = 6 \times y$ _____
70. $12 = y \times 3$ _____
71. $8 = y \div 5$ _____
72. $8 = y \times 8$ _____

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Solve for the variable.

1. $6 = y \div 1$ $y = 6$ 2. $9 = y \div 7$ $y = 63$ 3. $4 = y \div 6$ $y = 24$ 4. $8 = 16 \div y$ $y = 2$

5. $4 = 24 \div y$ $y = 6$ 6. $7 = y \div 6$ $y = 42$ 7. $5 = y \div 1$ $y = 5$ 8. $4 = 20 \div y$ $y = 5$

9. $14 = 2 \times y$ $y = 7$ 10. $2 = y \div 5$ $y = 10$ 11. $5 = y \div 3$ $y = 15$ 12. $1 = y \div 4$ $y = 4$

13. $4 = 32 \div y$ $y = 8$ 14. $4 = y \div 9$ $y = 36$ 15. $5 = 35 \div y$ $y = 7$ 16. $2 = y \div 3$ $y = 6$

17. $18 = y \times 9$ $y = 2$ 18. $54 = 6 \times y$ $y = 9$ 19. $2 = 12 \div y$ $y = 6$ 20. $6 = y \div 8$ $y = 48$

21. $5 = 25 \div y$ $y = 5$ 22. $2 = y \div 6$ $y = 12$ 23. $1 = 2 \div y$ $y = 2$ 24. $3 = y \div 1$ $y = 3$

25. $7 = 56 \div y$ $y = 8$ 26. $7 = 35 \div y$ $y = 5$ 27. $64 = y \times 8$ $y = 8$ 28. $7 = 1 \times y$ $y = 7$

29. $15 = 5 \times y$ $y = 3$ 30. $81 = 9 \times y$ $y = 9$ 31. $45 = 5 \times y$ $y = 9$ 32. $40 = 8 \times y$ $y = 5$

33. $2 = 4 \div y$ $y = 2$ 34. $8 = 4 \times y$ $y = 2$ 35. $7 = 7 \div y$ $y = 1$ 36. $20 = y \times 5$ $y = 4$

37. $30 = 5 \times y$ $y = 6$ 38. $4 = 28 \div y$ $y = 7$ 39. $7 = y \div 8$ $y = 56$ 40. $3 = 9 \div y$ $y = 3$

41. $9 = y \div 1$ $y = 9$ 42. $7 = 28 \div y$ $y = 4$ 43. $3 = 3 \times y$ $y = 1$ 44. $8 = 1 \times y$ $y = 8$

45. $9 = 72 \div y$ $y = 8$ 46. $4 = y \div 1$ $y = 4$ 47. $9 = 9 \div y$ $y = 1$ 48. $6 = y \times 2$ $y = 3$

49. $8 = y \times 2$ $y = 4$ 50. $45 = 9 \times y$ $y = 5$ 51. $18 = 6 \times y$ $y = 3$ 52. $8 = 72 \div y$ $y = 9$

53. $9 = 27 \div y$ $y = 3$ 54. $2 = y \times 2$ $y = 1$ 55. $49 = 7 \times y$ $y = 7$ 56. $12 = 4 \times y$ $y = 3$

57. $5 = y \div 2$ $y = 10$ 58. $54 = 9 \times y$ $y = 6$ 59. $1 = y \times 1$ $y = 1$ 60. $6 = y \div 7$ $y = 42$

61. $9 = y \div 3$ $y = 27$ 62. $63 = 9 \times y$ $y = 7$ 63. $16 = 4 \times y$ $y = 4$ 64. $18 = 2 \times y$ $y = 9$

65. $3 = 21 \div y$ $y = 7$ 66. $6 = 6 \div y$ $y = 1$ 67. $16 = y \times 2$ $y = 8$ 68. $3 = 18 \div y$ $y = 6$

69. $30 = 6 \times y$ $y = 5$ 70. $12 = y \times 3$ $y = 4$ 71. $8 = y \div 5$ $y = 40$ 72. $8 = y \times 8$ $y = 1$