

Name: _____

Class: _____

ALGEBRA

Solve for the variable.

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

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Solve for the variable.

1. $6 \times y = 36$ $y = 6$ 2. $56 = 8 \times y$ $y = 7$ 3. $3 = 1 \times y$ $y = 3$ 4. $21 = y \times 7$ $y = 3$

5. $y \times 2 = 10$ $y = 5$ 6. $1 \times y = 5$ $y = 5$ 7. $25 = y \times 5$ $y = 5$ 8. $4 = 4 \times y$ $y = 1$

9. $y \times 1 = 2$ $y = 2$ 10. $6 = y \times 6$ $y = 1$ 11. $15 = 5 \times y$ $y = 3$ 12. $y \times 2 = 18$ $y = 9$

13. $18 = y \times 3$ $y = 6$ 14. $6 \times y = 30$ $y = 5$ 15. $24 = y \times 6$ $y = 4$ 16. $54 = 9 \times y$ $y = 6$

17. $27 = 3 \times y$ $y = 9$ 18. $24 = 4 \times y$ $y = 6$ 19. $35 = y \times 5$ $y = 7$ 20. $63 = y \times 9$ $y = 7$

21. $7 \times y = 35$ $y = 5$ 22. $y \times 1 = 7$ $y = 7$ 23. $3 \times y = 24$ $y = 8$ 24. $45 = 5 \times y$ $y = 9$

25. $7 \times y = 7$ $y = 1$ 26. $9 = y \times 9$ $y = 1$ 27. $6 \times y = 48$ $y = 8$ 28. $16 = y \times 4$ $y = 4$

29. $6 = y \times 2$ $y = 3$ 30. $9 \times y = 81$ $y = 9$ 31. $12 = 3 \times y$ $y = 4$ 32. $3 \times y = 9$ $y = 3$

33. $y \times 4 = 28$ $y = 7$ 34. $y \times 7 = 42$ $y = 6$ 35. $8 \times y = 24$ $y = 3$ 36. $14 = y \times 7$ $y = 2$

37. $1 \times y = 6$ $y = 6$ 38. $y \times 3 = 15$ $y = 5$ 39. $18 = y \times 6$ $y = 3$ 40. $9 \times y = 36$ $y = 4$

41. $1 = 1 \times y$ $y = 1$ 42. $21 = y \times 3$ $y = 7$ 43. $y \times 6 = 12$ $y = 2$ 44. $14 = y \times 2$ $y = 7$

45. $y \times 5 = 5$ $y = 1$ 46. $4 \times y = 12$ $y = 3$ 47. $y \times 4 = 36$ $y = 9$ 48. $8 = 1 \times y$ $y = 8$

49. $1 \times y = 4$ $y = 4$ 50. $8 = y \times 2$ $y = 4$ 51. $y \times 8 = 64$ $y = 8$ 52. $10 = 5 \times y$ $y = 2$

53. $49 = 7 \times y$ $y = 7$ 54. $6 = y \times 3$ $y = 2$ 55. $56 = y \times 7$ $y = 8$ 56. $y \times 2 = 2$ $y = 1$

57. $40 = y \times 5$ $y = 8$ 58. $8 = y \times 4$ $y = 2$ 59. $5 \times y = 20$ $y = 4$ 60. $16 = y \times 2$ $y = 8$

61. $54 = 6 \times y$ $y = 9$ 62. $32 = y \times 8$ $y = 4$ 63. $2 \times y = 4$ $y = 2$ 64. $y \times 8 = 72$ $y = 9$

65. $42 = y \times 6$ $y = 7$ 66. $20 = 4 \times y$ $y = 5$ 67. $2 \times y = 12$ $y = 6$ 68. $16 = y \times 8$ $y = 2$

69. $y \times 7 = 63$ $y = 9$ 70. $8 = y \times 8$ $y = 1$ 71. $18 = y \times 9$ $y = 2$ 72. $y \times 8 = 40$ $y = 5$