

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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# ALGEBRA

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.  $8 = y \times 8$   $y = 1$