

Solve a one-step equation by multiplying or dividing

NAME	DATE	SCORE / 10
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1 Solve for x : $10x = 34$

2 Ana buys 7 notebooks that each cost the same and pays \$17.50 in all. The equation $7x = 17.50$ shows this, where x is the cost of one notebook, in dollars. What is the cost of one notebook, in dollars?

3 Ben solved $0.25x = 5$ and got $x = 1.25$. Write the right value of x .

4 8 friends share 17 kilograms of rice equally. The equation $8x = 17$ shows this, where x is the number of kilograms each friend gets. How many kilograms of rice does each friend get?

5 Ivy solved $9x = 27$ and got $x = 243$. Write the right value of x .

6 Ivy buys 3 notebooks that each cost the same and pays \$9.12 in all. The equation $3x = 9.12$ shows this, where x is the cost of one notebook, in dollars. What is the cost of one notebook, in dollars?

7

Ben solved $x \div 7 = 11$ and got $x = \frac{11}{7}$.

Write the right value of x.

8

Ana cuts a rope into 7 equal pieces, and each piece is 1.8 metres long. The equation $x \div 7 = 1.8$ shows this, where x is the length of the rope, in metres.

How long, in metres, was the rope?

9

Solve for x: $x \div 2 = 2.4$

10

Ben cuts a rope into 2 equal pieces, and each piece is 4.3 metres long. The equation $x \div 2 = 4.3$ shows this, where x is the length of the rope, in metres. How long, in metres, was the rope?

Solve a one-step equation by multiplying or dividing

1 $17/5$

3 20

5 3

7 77

9 $24/5$

2 2.50

4 $17/8$

6 3.04

8 12.6

10 8.6