

Solve a one-step equation by multiplying or dividing

NAME	DATE	SCORE / 10
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1 Solve for x : $12x = 180$

2 Ben cuts a rope into 4 equal pieces, and each piece is 2.4 metres long. The equation $x \div 4 = 2.4$ shows this, where x is the length of the rope, in metres. How long, in metres, was the rope?

3 Solve for x : $4x = 14$

4 2 friends share 1 kilogram of rice equally. The equation $2x = 1$ shows this, where x is the number of kilograms each friend gets. How many kilograms of rice does each friend get?

5 Ivy solved $0.75x = 36$ and got $x = 27$. Write the right value of x .

6 Ana buys 4 notebooks that each cost the same and pays \$4.52 in all. The equation $4x = 4.52$ shows this, where x is the cost of one notebook, in dollars. What is the cost of one notebook, in dollars?

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- 7** Ana solved $5x = 20$ and got $x = 100$.
Write the right value of x .

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- 8** Ben buys 5 notebooks that each cost the same and pays \$5.40 in all. The equation $5x = 5.40$ shows this, where x is the cost of one notebook, in dollars. What is the cost of one notebook, in dollars?

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- 9** Solve for x : $x \div 6 = 2.9$

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- 10** Ana cuts a rope into 4 equal pieces, and each piece is 3.3 metres long. The equation $x \div 4 = 3.3$ shows this, where x is the length of the rope, in metres. How long, in metres, was the rope?

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1 15

3 $7/2$

5 48

7 4

9 $87/5$

2 9.6

4 $1/2$

6 1.13

8 1.08

10 13.2