

Solve a one-step equation by adding or subtracting

NAME	DATE	SCORE / 10
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- 1** Ivy solved $x - 7.2 = 8.9$ and got $x = 1.7$. Write the right value of x .

- 2** Leo had some money, then earned \$10.71 and now has \$13.88. The equation $x + 10.71 = 13.88$ shows this, where x is the money Leo had at first, in dollars. How much money, in dollars, did Leo have at first?

- 3** Ana solved $x - \frac{1}{8} = \frac{5}{12}$ and got $x = \frac{7}{24}$. Write the right value of x .

- 4** Ben walked x kilometres in the morning and $\frac{1}{3}$ of a kilometre in the afternoon, $\frac{11}{15}$ of a kilometre in all. The equation $x + \frac{1}{3} = \frac{11}{15}$ shows this. How far, in kilometres, did Ben walk in the morning?

5 Solve for x: $x + 1.02 = 4.73$

7 Solve for x: $x + \frac{1}{8} = \frac{11}{24}$

9 Ben solved $x - 3 = 7.7$ and got $x = 4.7$.
Write the right value of x.

6 Leo cut $\frac{1}{4}$ of a metre from a ribbon,
and $\frac{3}{10}$ of a metre is left. The
equation $x - \frac{1}{4} = \frac{3}{10}$ shows this,
where x is the length of the ribbon at
first, in metres. How long, in metres,
was the ribbon at first?

8 Ivy had some money, then earned
\$12.92 and now has \$35.43. The
equation $x + 12.92 = 35.43$ shows
this, where x is the money Ivy had at
first, in dollars. How much money, in
dollars, did Ivy have at first?

10 Ana walked x kilometres in the
morning and $\frac{1}{2}$ of a kilometre in the
afternoon, $\frac{2}{3}$ of a kilometre in all. The
equation $x + \frac{1}{2} = \frac{2}{3}$ shows this. How
far, in kilometres, did Ana walk in the
morning?

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1 16.1

3 13/24

5 3.71

7 1/3

9 10.7

2 3.17

4 2/5

6 11/20

8 22.51

10 1/6