

Solve a one-step equation by adding or subtracting

NAME	DATE	SCORE / 10
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1 Solve for x: $x - \frac{1}{2} = \frac{1}{3}$

2 Ana had some money, then earned \$22.98 and now has \$38.73. The equation $x + 22.98 = 38.73$ shows this, where x is the money Ana had at first, in dollars. How much money, in dollars, did Ana have at first?

3 Solve for x: $x - 4 = 8.04$

4 Ben walked x kilometres in the morning and $\frac{1}{2}$ of a kilometre in the afternoon, $\frac{9}{10}$ of a kilometre in all. The equation $x + \frac{1}{2} = \frac{9}{10}$ shows this. How far, in kilometres, did Ben walk in the morning?

- 5** Ivy solved $x - 5.13 = 2.39$ and got $x = 2.74$. Write the right value of x .

- 6** Ben cut $\frac{1}{3}$ of a metre from a ribbon, and $\frac{1}{2}$ of a metre is left. The equation $x - \frac{1}{3} = \frac{1}{2}$ shows this, where x is the length of the ribbon at first, in metres. How long, in metres, was the ribbon at first?

- 7** Solve for x : $x + \frac{1}{4} = \frac{13}{20}$

- 8** Ivy walked x kilometres in the morning and $\frac{1}{2}$ of a kilometre in the afternoon, $\frac{5}{6}$ of a kilometre in all. The equation $x + \frac{1}{2} = \frac{5}{6}$ shows this. How far, in kilometres, did Ivy walk in the morning?

- 9** Ana solved $x - 4.6 = 5.4$ and got $x = 0.8$. Write the right value of x .

- 10** Ana cut $\frac{1}{5}$ of a metre from a ribbon, and $\frac{2}{3}$ of a metre is left. The equation $x - \frac{1}{5} = \frac{2}{3}$ shows this, where x is the length of the ribbon at first, in metres. How long, in metres, was the ribbon at first?

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1 $5/6$

3 12.04

5 7.52

7 $2/5$

9 10

2 15.75

4 $2/5$

6 $5/6$

8 $1/3$

10 $13/15$