



The art thief has left clues in the form of one step equations. Help the detective catch him by answering them correctly.

Hint $x+a = b \rightarrow x = b-a$
 $x-a = b \rightarrow x = a+b$

1. Clue #1 is an easy one, I think it'll get more difficult as we dive deeper into the investigation!

$X + 3 = 8$

5
11
-5
-13

If you got it correct, go to **page b**. If not, continue on with this page.

2. Ah, good try, but we have to make sure we get the next one right!

$X - 11 = 24$

-35
13
35
31

If you got it correct, go to **page b**. (If you've been to page b before, go to question 2, if not, go to question 1.) Otherwise continue to the next question on this page.

3. We really need to concentrate, the thief is close to getting away!

$X + 5 = -55$

-60
55
60
-50

If you got it correct, go to **page b**. (If you've been to page b before, go to question 3, if not, go to question 1.) Otherwise continue to the next question on this page.

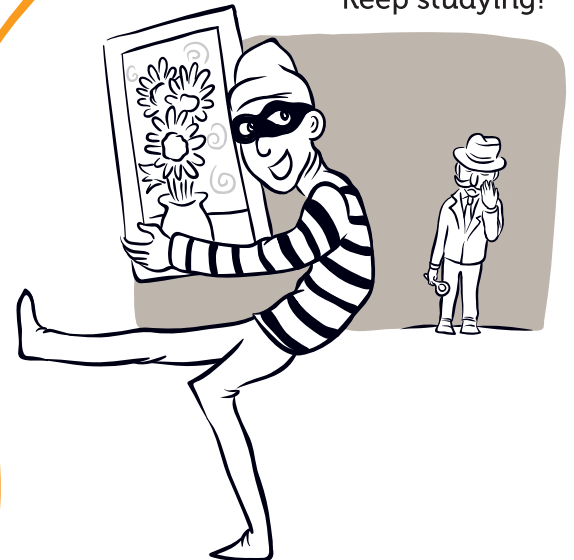
4. The thief has one foot out the door, don't let him get away!

$X - 5.3 = -6$

-11.3
-0.7
4
11.3

If you got it correct, go to **page b**. (If you've been to page b before, go to question 4, if not, go to question 1.) Otherwise follow the arrow.

Ah, he got away with the painting. Don't worry, we'll get him next time. Keep studying!



1. We've tracked the thief down, don't let him get away!

$$X - 2/3 = 1/2$$

$$\begin{array}{r} 7/6 \\ -7/6 \\ \hline 3/5 \\ 1 \end{array}$$



2. Great job, but the clues are getting tougher to solve. I'm relying on you to figure this one out.

$$X + 5 = 8.3$$

$$\begin{array}{r} 2/3 \\ 13.3 \\ 3.3 \\ -4.2 \end{array}$$

If you got it correct, continue to the next question. If not, go back to **page a** and answer question 2. (If you've already answered question 2 correctly, skip to the next unanswered question on **page a**. If you have already answered all of the questions on **page a**, continue to the next question on this page.)

If you got it correct, continue to the next question. If not, go back to **page a** and answer question 2. (If you've already answered question 2 correctly, skip to the next unanswered question on **page a**. If you have already answered all of the questions on **page a**, continue to the next question on this page.)

3. You'll soon be promoted if you keep this up. The thief is shaking in his boots!

$$1/2 = X - 6.8$$

$$\begin{array}{r} -6.3 \\ 7.3 \\ 2/3 \\ 7.1 \end{array}$$

4. We got him cornered, one last clue to solve!

$$X - 3/4 = -5.2$$

$$\begin{array}{r} 5.95 \\ 5/6 \\ 6.25 \\ -2/3 \end{array}$$



If you got it correct, continue to the next question. If not, go back to **page a** and answer question 2. (If you've already answered question 2 correctly, skip to the next unanswered question on **page a**. If you have already answered all of the questions on **page a**, continue to the next question on this page.)

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Great job junior detective! Thanks to your ability to solve one step equations, we caught the thief!