

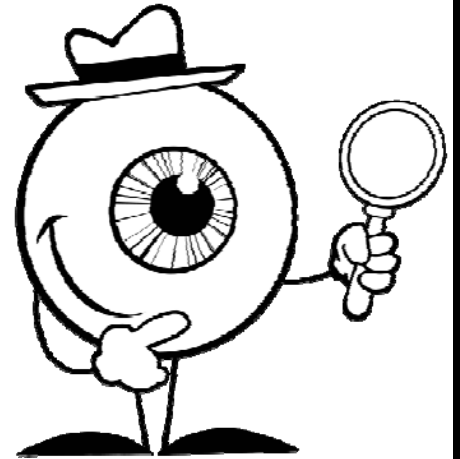
Name _____

Date _____

Single Step Addition Algebra Step-by-Step Lesson

Solve for x.

$$x + 18 = 37$$



Explanation:

To find the value of x we have to remember that we just need to x by itself.

When you have an equation you add any additional operation you would like, as long as you process that operation on both sides of the equal sign.

Looking at the equation: $x + 18 = 37$

If we were able to rid of the (+ 18), x would be by itself.

To get rid of the value we would just perform the opposite operation on both sides of the equation. The opposite of addition is subtraction. Restated the opposite of (+18) is (-18).

We will subtract 18 from both sides of the equation to get x by itself.

$$x + 18 = 37$$

$$- 18 \quad -18$$

$$x = 19$$

So, the answer is $x = 19$

