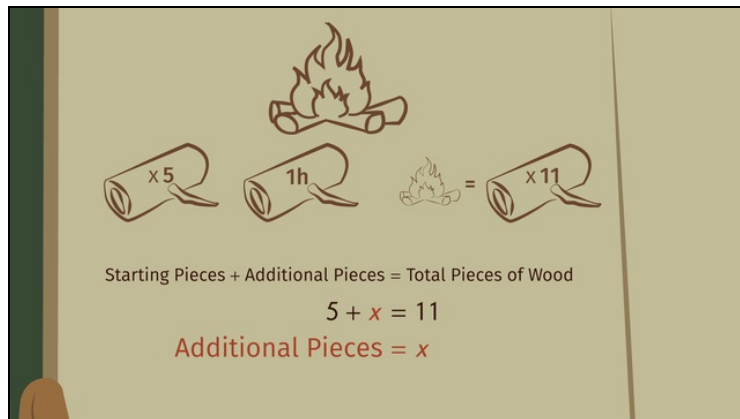




Printable Worksheets from [sofatutor.com](https://www.sofatutor.com)

What is a Variable?



- 1 Find the variable
- 2 Explain what a variable is.
- 3 Find the right equation
- 4 Find the words which can be represented by variables.
- 5 Establish the equation for the given word problems.
- 6 Write the equation.
- + with lots of tips, answer keys, and detailed answer explanations for all of the problems.




The complete package, including all problems, hints, answers, and detailed answer explanations is available for all [sofatutor.com](https://www.sofatutor.com) subscribers.



Find the variable

Highlight the variable in the given equations.

 variable

$$\underset{\text{---}1\text{---}}{5} + \underset{\text{---}2\text{---}}{x} = \underset{\text{---}3\text{---}}{11}$$

$$\underset{\text{---}6\text{---}}{15} - \underset{\text{---}7\text{---}}{c} = \underset{\text{---}8\text{---}}{5}$$

$$\underset{\text{---}11\text{---}}{(4)} \underset{\text{---}12\text{---}}{(3)} = \underset{\text{---}13\text{---}}{s}$$



Hints for solving these problems

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of 6

Find the variable

Hint #1

A variable is often a letter, like x , y , or any other letter, and is used to represent an unknown quantity.

Hint #2

$+$ or $-$ are operators, while $=$ is a relation.



Answers and detailed answer explanations for these problems

1

of 6

Find the variable

Answer key: variable: 3, 8, 14

You can recognize a variable as it is usually a letter (you can also use symbols like a star or a smiley face, but maybe they aren't always the most convenient to use). Looking at our given equations, we can see that:

- x , y or a , b , c are variables.
- 10, 5 are numbers.
- $+$ or $-$ are operators.
- $=$ is a relation.

So let's examine the following equations:

- $5 + x = 11$

Here the variable is given by x .

- $15 - c = 5$

The variable c stands for the unknown number of coyotes.

- $(4)(3) = s$

s is the variable for the unknown number of rattle snakes.