




Solve the following equations using a value of "2" for the variable.

 a) $C = x + 4$
 $C =$

b) $C = 5 - x$
 $C =$

c) $C = x - 1$
 $C =$

d) $C = 6 + x$
 $C =$



1

2

An **Equation** is a mathematical statement that shows that two expressions are equal. An algebraic equation contains at least one variable. It is important to remember that equations include an equal sign. Touch the equations below to make them true.

$$2 + 4 = 6$$

$$8 - 6 = 2$$

$$? \times 4 = 12$$

$$12 \div ? = 2$$





Algebraic Equations in one variable contain a single variable, and may contain a constant. In the equation $C = x + 4$, the "x" is the variable, and the "4" is the constant. To solve for "C", you must first input a value for the variable "x". Touch the arrows to change the variable input for "x".

$$C = (3) + 4$$

$$C = 7$$

(continue)