

## Lesson 60: Substituting Numbers Into Equations

**Purpose of lesson:** You will learn how to substitute **numbers** into **equations**.

**Words to Know:** Equation is a math statement with 1) a **variable**, 2) a **constant** and 3) an **equal sign** ( $=$ ).

**For example:**  $x + 2 = 6$  is an **equation**.

- 1)  $x$  is the **variable**.
- 2)  $2$  is the **constant**.
- 3) There is an **equal sign** ( $=$ ).



*Let's see how it works!*

Solve this **equation** if  $x = 4$ :

a)  $x + 2 = 6$  Now you put 4 in place of  $x$ :

$4 + 2 = 6$  It's call an **equation** because both sides of the  $=$  sign are **equal**!

Let's try more **equations**!

Solve each equation if  $n = 3$ :

b)  $4n = 12$

$4(3) = 12$

$12 = 12$

c)  $17 - n = 14$

$17 - 3 = 14$

$14 = 14$

Now it's your turn to try some.

**Take Lesson 60 Quiz 1**