



## Chapter 11

### ALGEBRA

#### Introduction:

Variable means something that can vary i.e. change. The value of a variable is not fixed. It can take different values.  $n$  is an examples of a variable. Its value is not fixed, it can take 1, 2, 3, 4, .....

#### What is equation?

An equation is a condition on a variable. It is satisfied only for a definite value of the variable.

#### Solution of an equation:

The value of the variable in an equation which satisfied the equation is called a solution. e.g. In the equation  $2n = 10$ ,  $n = 5$  is the solution.

