

# Chapter 2



## NUMBER SYSTEM

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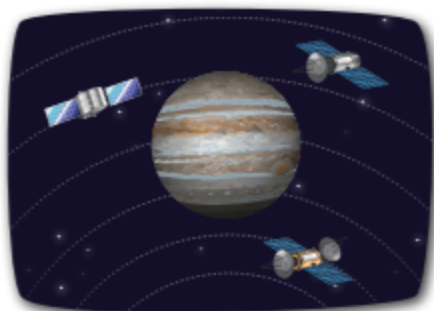
# Introduction

Number system is a set of values used to represent different quantities. A Number system is made up of numbers. Numbers are made up of digits. A digit is a special symbol that is unique and represents a value.

## For example:

- The number of people in the hall
- The number of books on the table
- The number of days in a specified month
- The number of satellites Jupiter has
- The number of 100 Taka notes in a purse

You can think of some more areas where numbers are used.



The most commonly used Number system is the decimal number system. It has ten digits. There are other Number systems as well. Some other Number systems are,

- Binary – It has two digits
- Octal – It has eight digits
- Hexadecimal – It has sixteen digits