Cosmo School

Class - 4

Subject-Mathematics

Chapter - 12

Collection and Arrangement of Data

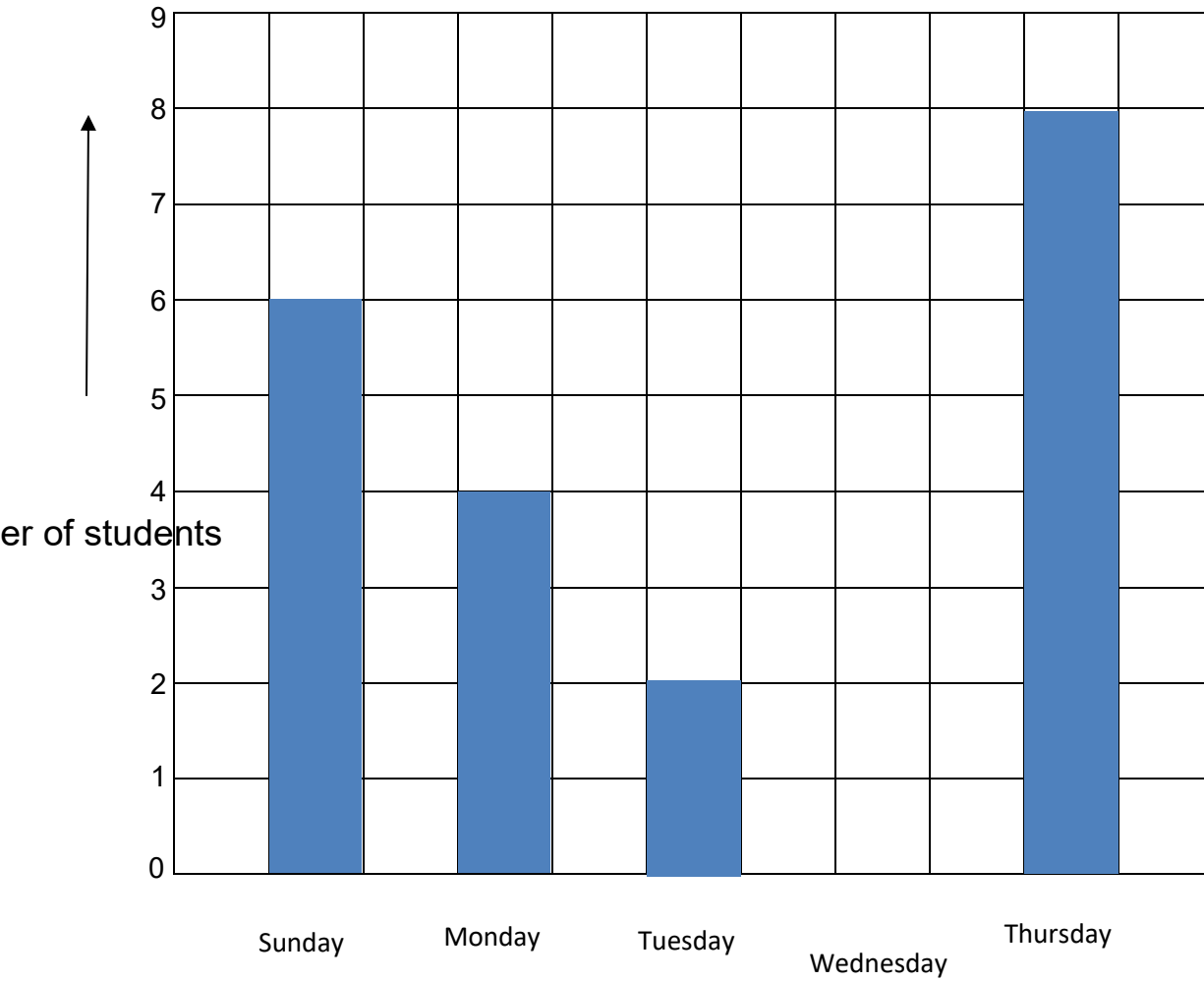**Date: 05/11/2020**

Lecture – 02

Bar diagram: A graph consisting of vertical or horizontal bars whose lengths are proportional to amounts or quantities. Bar diagram is also called bar chart.

Example – 1: The number of absentees of class 4 in different days of the week is given below. Draw the bar diagram.

Day	Number of absent students
Sunday	6
Monday	4
Tuesday	2
Wednesday	0
Thursday	8
Total	20

Solution:

The number of absentees of class 4

Number of students

Name of the day ⟶

1) The table on the below shows the animals that the students in Mita's class like. Draw the bae diagram.

Animals	Number of students
Tiger	9
Elephant	11
Hippopotamus	4
Lion	7
Leopard	3
Total	34

2) Draw a bar diagram titled 'Number of the vehicles' using the table below:

Name of vehicles	Number
Bicycle	3
Standard vehicles	5
Motor cycle	6
Bus	3
CNG	1
Total	18

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