



Class - 4

Subject-Mathematics

Chapter - 12

Collection and Arrangement of Data

Date: 03/11/2020

Lecture – 01

**Data:** Collection of information.

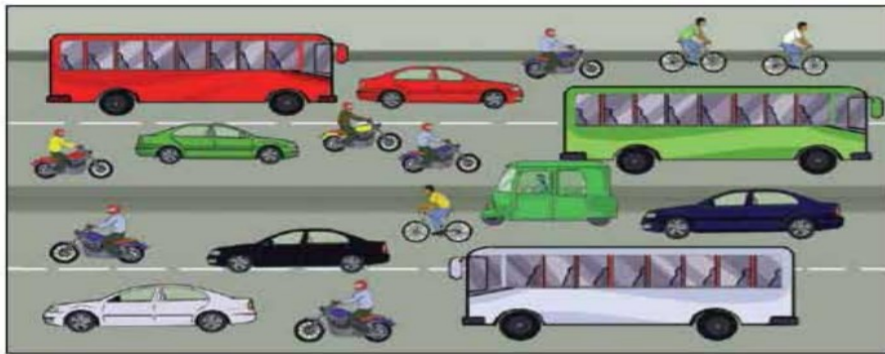
- Data is plural for 'Datum'
- 'Datum' is a Latin word.

**Tally Marks:** Tally marks are a quick way of keeping track of numbers in groups of five.

One vertical line is made for each of the first four numbers; the fifth number is represented by a diagonal line across the previous four.

|   |      |    |      |
|---|------|----|------|
| 1 | I    | 6  | I    |
| 2 | II   | 7  | II   |
| 3 | III  | 8  | III  |
| 4 | IIII | 9  | IIII |
| 5 |      | 10 |      |

**Example – 1:**



Express the number of the vehicles on the table below with tally marks. And convert tally marks into numeral characters to remark the table. And add the total number.

| Name of vehicles  | Tally marks |
|-------------------|-------------|
| Bicycle           |             |
| Standard vehicles |             |
| Motor cycle       |             |
| Bus               |             |
| CNG               |             |

**Solution:**

The tally table is given below:

| Name of vehicles  | Tally marks |
|-------------------|-------------|
| Bicycle           |             |
| Standard vehicles |             |
| Motor cycle       |             |
| Bus               |             |
| CNG               |             |

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

## Exercise

1)



We have a fruit basket. In the basket we have some oranges, bananas, apples and guavas. Express the number of the fruits on a tally table and after that convert tally marks into numeral characters. And then find the total number of fruits.

2) This is the memo of the sales of various vegetables in a shop. Write the total with a numeral characters.

| Vegetables  | Tally marks | Total |
|-------------|-------------|-------|
| Lemon       |             |       |
| Cabbage     |             |       |
| Cauliflower |             |       |
| Pumpkin     |             |       |
| Total       |             |       |

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