

**SESSION : 16**

**CLASS : 3**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 9**

**CHAPTER NAME : DATA HANDLING**

**SUBTOPIC : READING A PICTOGRAPH TABLE AND TALLY MARKS**

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**CHANGING YOUR TOMORROW**

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## LEARNING OBJECTIVE :

Children will







- \* Learn the simple way of recording and counting frequencies.
- \* Be able to identify what they already know about displaying data. Begin by reviewing data as pieces of collected information.
- \* Explore data tables.
- \* Explain the results.
- \* Be able to keep track of numbers in groups of five.

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

### RECAPITULATION

#### TREES PLANTED EACH DAY

|           |  |
|-----------|--|
| Monday    |   |
| Tuesday   |   |
| Wednesday |   |
| Thursday  |   |
| Friday    |   |
| Saturday  |  |

#### SEE THE PICTOGRAPH AND ANSWER

1. Which day maximum number of trees were planted? THURSDAY
2. How many trees were planted during the week? 30
3. Name a tree planting festival celebrated in India. VAN MAHOTSAV
4. How many plants were planted on Friday and Saturday together? 6

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

Tally marks is a way to mark or record your counting. Tally marks are a numerical system used to make counting easier. As the name suggests, it is a system that helps keep “tally” of things by number. Tally marks are commonly used for counting scores, points, number of people, etc.



# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS



Tally marks, also called hash marks, are a unary numeral system. They are a form of numeral used for counting. They are most useful in counting or tallying ongoing results, such as the score in a game or sport, as no intermediate results need to be erased or discarded.

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

### EXAMPLE

|   |  |    |  |
|---|--|----|--|
| 1 |  | 6  |  |
| 2 |  | 7  |  |
| 3 |  | 8  |  |
| 4 |  | 9  |  |
| 5 |  | 10 |  |

- One is expressed by ‘|’ tally mark.
- Two is represented by ‘||’ tally marks.
- Three is represented by ‘|||’ tally marks.
- Four is denoted by ‘||||’ tally marks.
- Five is not denoted by ‘|||||’ tally marks in the graphs. For the number 5, draw four vertical lines (||||) with a diagonal (\) line through it.

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

### EXAMPLE

Consider a garden with lots of flowers. Mary has different types of flower pots which are given in the table below:

| Names of flowers | Tally marks | Number of flowers |
|------------------|-------------|-------------------|
| Rose             | III         | 3                 |
| Lily             | IIII        | 4                 |
| Jasmine          | IIII        | 4                 |
| Tulip            |             | 10                |
| Daisy            | II          | 2                 |
| Violet           | I           | 1                 |

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

Using the table, answer the below questions:

(i) How many Daisy flower pots are there?

**Ans.** There are two tally marks in front of the Daisy row. So the number of Daisy flower pots is 2.

(ii) Which two flowers have the same number of pots?

**Ans.** In front of Lily and Jasmine, the number of tally marks is 4. So both Lily and Jasmine have the same number of pots.

(iii) Which flower has the maximum number of pots?

**Ans.** The maximum number of tally marks is 10 in the Tulip row. So, the Tulip has the maximum number of pots.



# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

**Exercise-9 C Q.No A, B, and C  
book page - 120  
in the notebook.**



# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

### A. Complete the table

| Vehicle   | Tally marks       | Number of vehicles |
|-----------|-------------------|--------------------|
| Car       | <del>IIII</del> I | <b>6</b>           |
| Bus       | II                | <b>2</b>           |
| Train     | IIII              | <b>4</b>           |
| Aeroplane | <del>IIII</del>   | <b>5</b>           |

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

### B. Complete the table

| Fast food  | Tally marks        | Number of fast food |
|------------|--------------------|---------------------|
| Burger     | <del>    </del> I  | <b>6</b>            |
| Pizza      | <del>    </del> II | <b>7</b>            |
| Noodles    |                    | <b>3</b>            |
| Chocolates | I                  | <b>1</b>            |
| Chips      |                    | <b>4</b>            |

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

**C. Read and complete the table and answer the following questions.**

| Games      | Tally marks                       | Number of played matches |
|------------|-----------------------------------|--------------------------|
| Badminton  | IIII                              | <b>4</b>                 |
| Basketball | <del>IIII</del>                   | <b>5</b>                 |
| Cricket    | <del>IIII</del> <del>IIII</del> I | <b>11</b>                |
| Football   | <del>IIII</del> I                 | <b>6</b>                 |
| Hockey     | <del>IIII</del> IIII              | <b>9</b>                 |

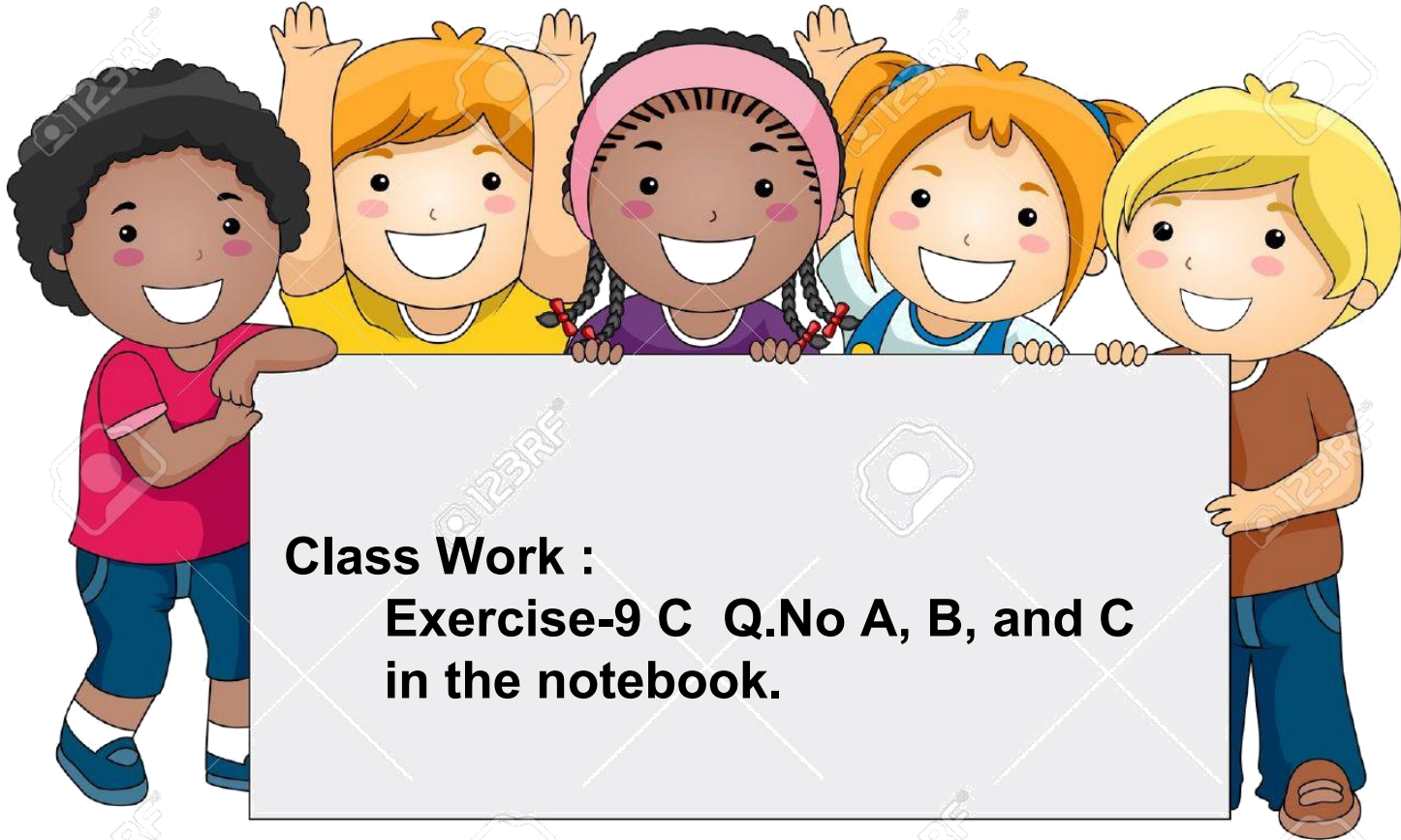
# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS

1. Matches of which game were played the most? CRICKET
2. Matches of which game were played the least? BADMINTON
3. Find the total number of matches played? 35
4. How many matches were played in cricket? 11
5. How many matches were played in hockey? 9
6. How many matches were played in basketball? 5
7. Compare the number of matches played in cricket and hockey ?  
11 and 9

# DATA HANDLING

## READING A PICTOGRAPH TABLE AND TALLY MARKS



## LEARNING OUTCOME:

**Children will be able to learn the simple way of recording and counting frequencies. To identify what they already know about displaying data. Begin by reviewing data as pieces of collected information. Explore data tables. Explain the results. Be able to keep track of numbers in groups of five.**

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**