

## About Lists

### Understanding Notes

- A list is a way to write or show information in an ordered way.
- Lists help in organizing and understanding data easily.
- Items in a list can be written one below the other or side by side.
- Lists can be made using names, numbers, objects or categories.
- Lists help us compare, count, or group data.
- Lists are often used before making tables, graphs, or charts.
- Lists can be short or long depending on the information.

### Example: (Easy – Simple list of fruits)

List of fruits in a basket

- Apple
- Mango
- Banana
- Grapes

**Answer** = This is a simple list of fruit names

### Example: (Easy – List of numbers)

List of marks out of 10

- 8 7 10 6 9

**Answer** = List shows marks scored by students

### Example: (Moderate – List with categories)

List of students who like different games

- Football – Riya, Aman
- Cricket – Neha, Aryan
- Badminton – Tara, Mehul

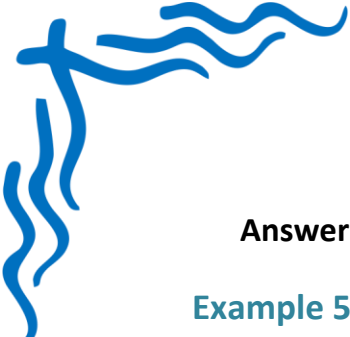
**Answer** = List shows favorite games of students in groups

### Example 4 (Moderate – Making a list from picture)

If a picture shows 3 cats, 2 dogs, and 1 parrot

List of animals





**Answer** = Picture converted into a list

### Example 5 (Moderate – Count from list)

List of colours used in a drawing



How many times was each colour used?

- Red – 3 
- Blue – 2 
- Yellow – 1 
- Green – 1 

**Answer** = Data is grouped and counted from list

### Summary Points

- A list is an ordered way to show data.
  - It helps in organising and understanding information.
  - Items in a list can be names, numbers or groups.
  - Lists help in counting, sorting, and comparing data.
  - Lists are useful for preparing charts and graphs later.
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