

Collecting and Recording Data

Chapter 11: Data Handling · Topic 1

Key Concept

To collect data, we ask a question, like 'What is your favourite fruit?', and record each person's answer as we go, often using tally marks.

A tally mark is a simple line used to count - we make one line for each answer, and group tally marks in fives to make counting easier, like |||| (four lines) then a line crossing them for the fifth.

After collecting data, we can organise it into a table, showing each option and how many people chose it, making the information easy to read.

Collecting and recording data is an important skill used in surveys, research, and everyday decision-making, like finding out what most people prefer.

Quick Revision Notes

- Collecting data means gathering information by asking questions.
- We record answers as we collect them.
- Tally marks are simple lines used to count.
- Tally marks are grouped in fives for easy counting.
- Data can be organised into a table after collecting.
- A table makes information easy to read.
- Data collection is used in surveys and research.
- This skill helps with everyday decision-making.

Practice Questions

- 1 Ask five friends their favourite fruit and record with tally marks.
- 2 Make a table showing your collected data.
- 3 Count the tally marks in groups of five.
- 4 Find out which colour is most popular among your family.
- 5 Collect data about favourite games among classmates.
- 6 Explain why organising data into a table is useful.