STATISTICS

A COLLECTING DATA

> **Definition Data**
>
> **Data** is the information we collect, like numbers, words, measurements, or observations.

> **Method Making Survey**
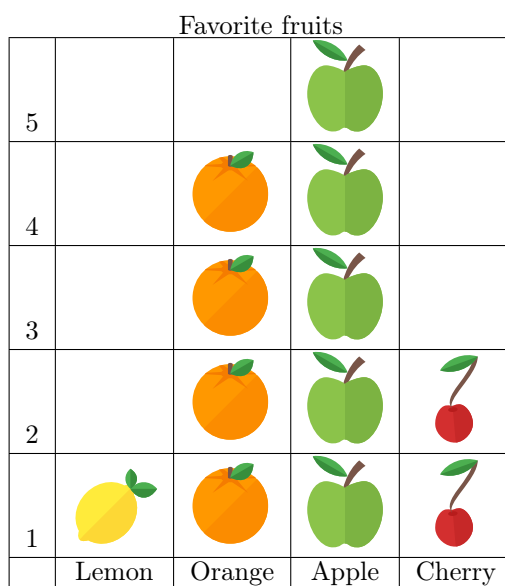>
> To do the survey, follow these steps:
>
> 1. Ask each student your question, like "What is your favorite pet?"
>
> 2. Write down what each student says. You can:
>   - Write their name next to their answer (e.g., "Emma: Dog").
>   - Or use tally bars to count the answers (e.g., draw a tally mark for each "Dog").

B REPRESENTING DATA

> **Definition Pictograph**
>
> A **pictograph** uses pictures or symbols to show data.
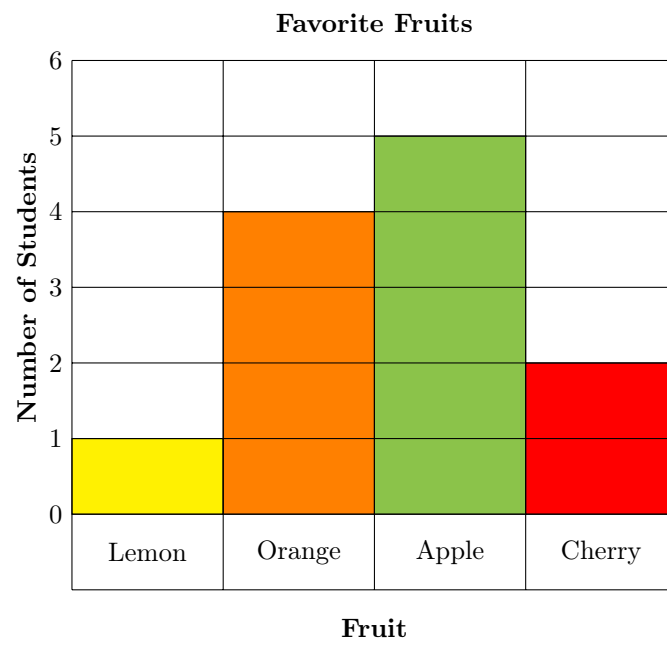
Ex:

Favorite fruits

- Lemon: 1 student.

- Orange: 4 students.

- Apple: 5 students.

- Cherry: 2 students.

> **Definition Bar Chart**
>
> A **bar chart** shows data with bars.

Ex:

Favorite Fruits

- Lemon: 1 student.

- Orange: 4 students.

- Apple: 5 students.

- Cherry: 2 students.