

# STATISTICS

## A COLLECTING DATA

### Method Making Survey

To do the survey, follow these steps:

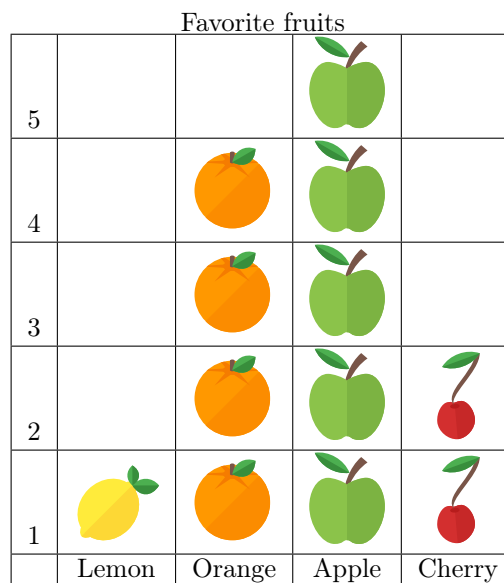
1. Ask each student your question, like "What is your favorite pet?"
2. Write down what each student says. You can:
  - Write their name next to their answer (e.g., "Emma: Dog").
  - Or use tally bars to count the answers (e.g., draw a tally mark for each "Dog").

## B REPRESENTING DATA

### Definition Pictograph

A **pictograph** uses pictures or symbols to show data.

Ex:

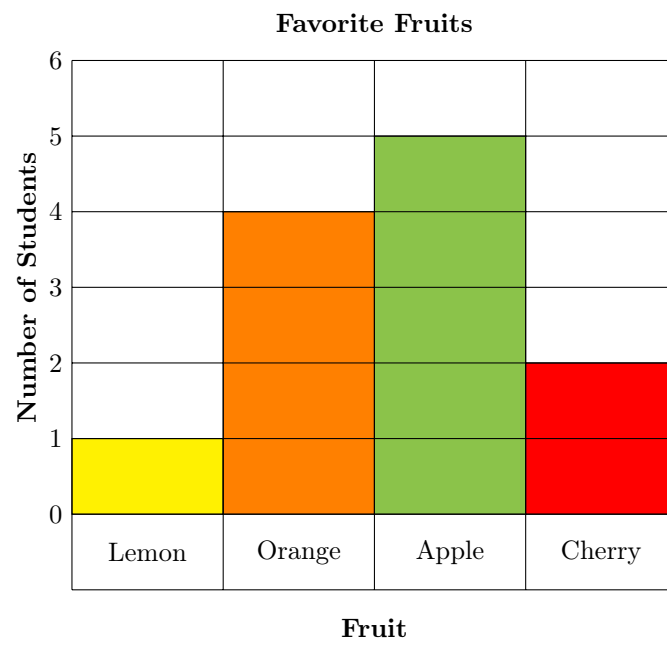


- Lemon: 1 student.
- Orange: 4 students.
- Apple: 5 students.
- Cherry: 2 students.

### Definition Bar Chart

A **bar chart** shows data with bars.

Ex:



- Lemon: 1 student.
- Orange: 4 students.
- Apple: 5 students.
- Cherry: 2 students.