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:

Favorite fruits				
5			1	
4				
3				
2			ð	7
1	*		ď	7
	Lemon	Orange	Apple	Cherry

• Lemon: 1 student.

• Orange: 4 students.

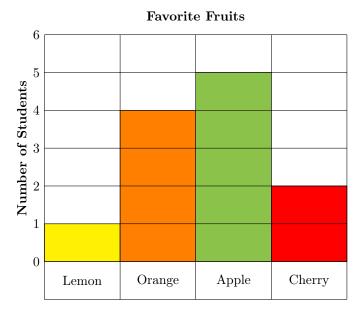
• Apple: 5 students.

• Cherry: 2 students.

Definition Bar Chart

A bar chart shows data with bars.

 $\mathbf{E}\mathbf{x}$:



Fruit

 \bullet Lemon: 1 student.

• Orange: 4 students.

• Apple: 5 students.

• Cherry: 2 students.