

## DATA ANALYSIS

### Collecting Data

**Data** = information

You can collect data (information) from other people using polls and surveys.

#### Polls

A **poll** is used to express public opinion about something.

A poll asks the opinion of a random or a selected group of people regarding a **specific** subject.

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**PREVIEW**

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You can walk around school asking people what their favorite flavor of ice cream is: vanilla, chocolate, or strawberry. After you collect all your data, you will know which flavor is favored most in your grade or school.



## Surveys

A **survey** is also used to express the opinion of a selected or random group of people.

Surveys usually involve a question or set of questions written about **specific** content.

### Example:

You can take a survey about the families of the students in your class.

Survey questions could include questions such as:

- *How many brothers do you have?*

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**PREVIEW**

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- column charts

## Try This!

Let's say your 5<sup>th</sup> Grade Presidential Poll revealed:

- Tom received 13 votes.
- John received 17 votes.
- Mary received 20 votes.
- Amy received 10 votes.

**Draw a bar graph below that shows how many votes each person got.**

*Congratulations to Mary for being voted 5<sup>th</sup> Grade Class President!*