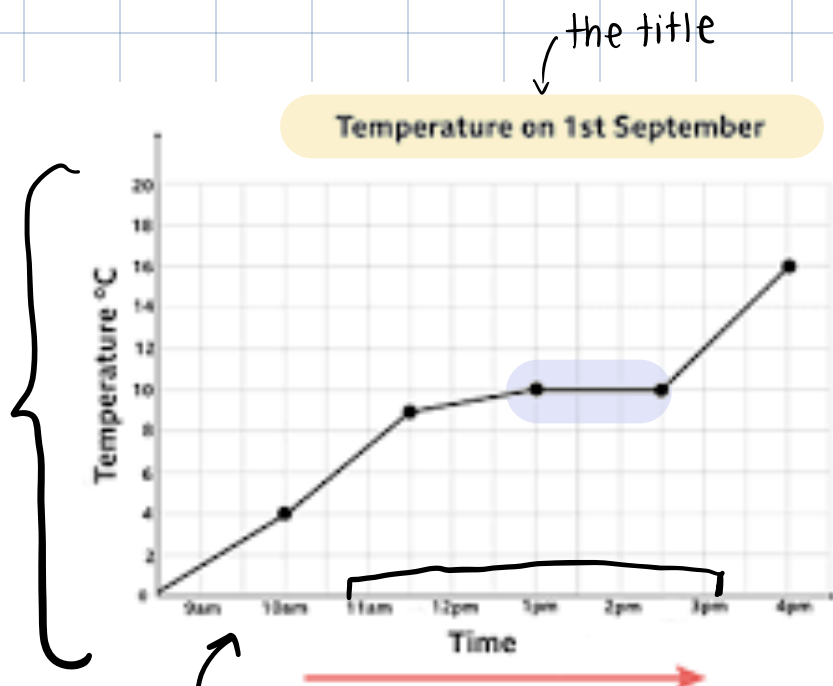


the y axis of this graph is measuring temperature ($^{\circ}\text{C}$)



the x axis of this graph is measuring time

These are examples of line graphs

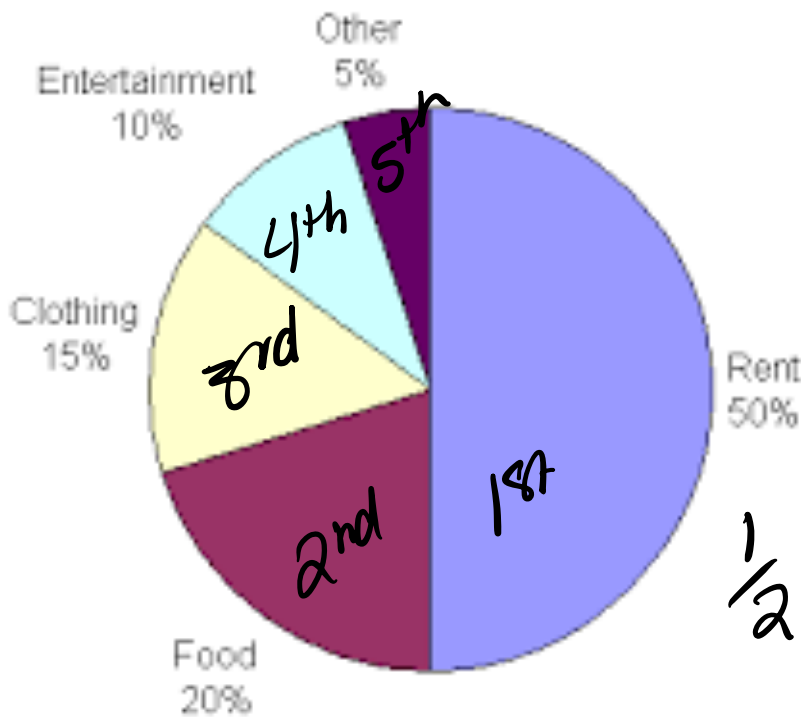
the y axis of this graph is measuring the number of boxes



the x axis of this graph is measuring time

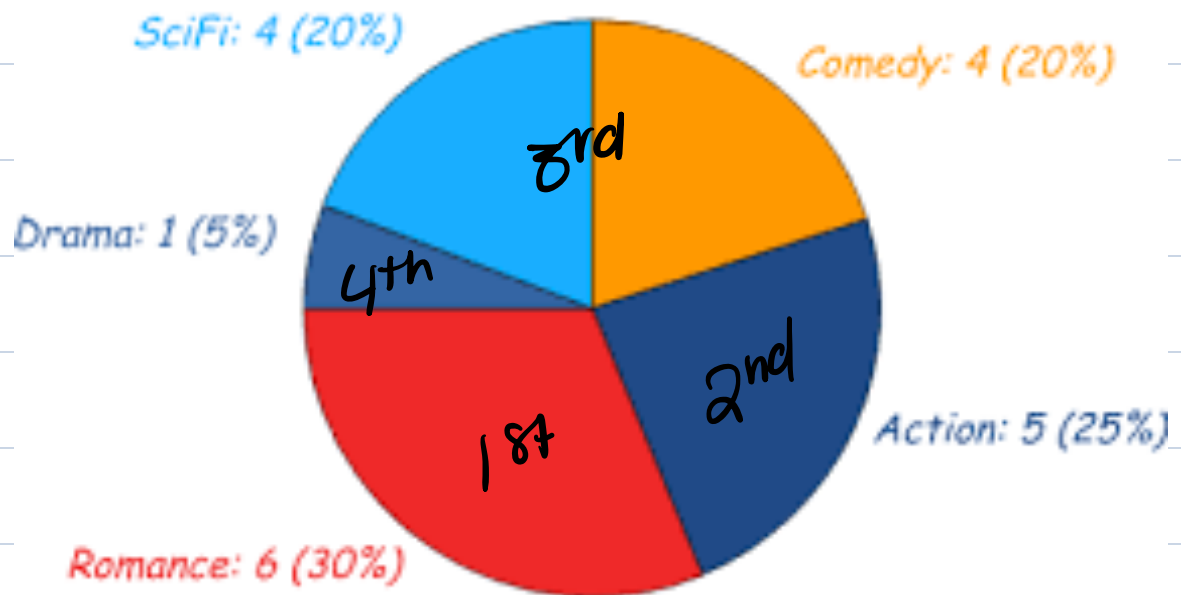
These graphs are called pie graphs or circle graphs

Cara's Budget



This graph is representing a budget.

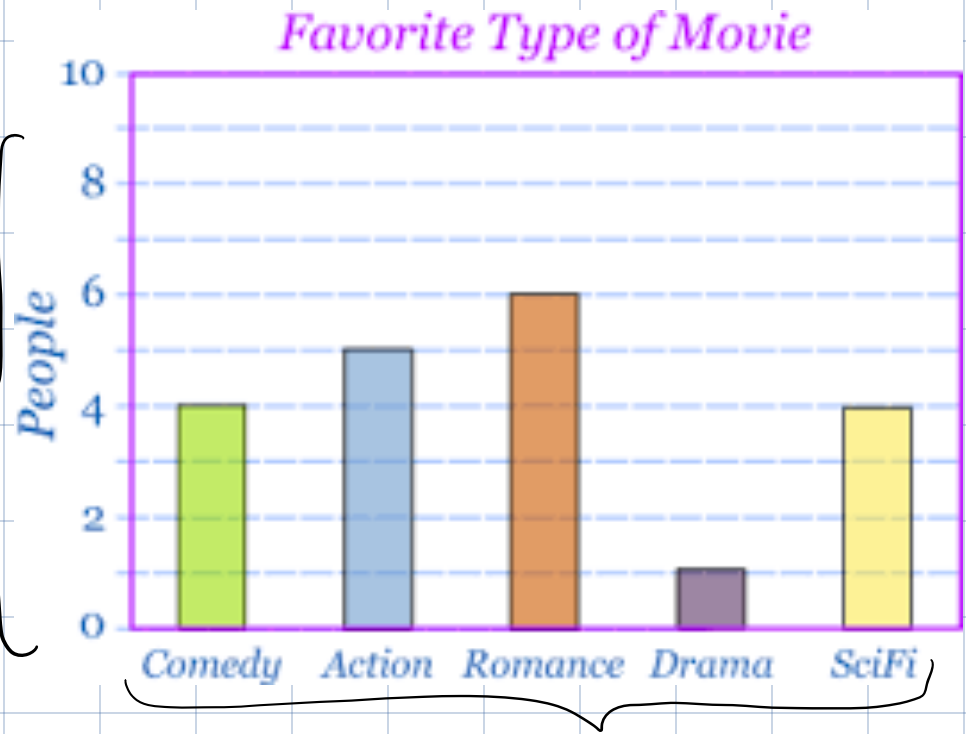
Favorite Type of Movie



This graph is representing different types of movies that people like to watch.

This is an example of a bar graph

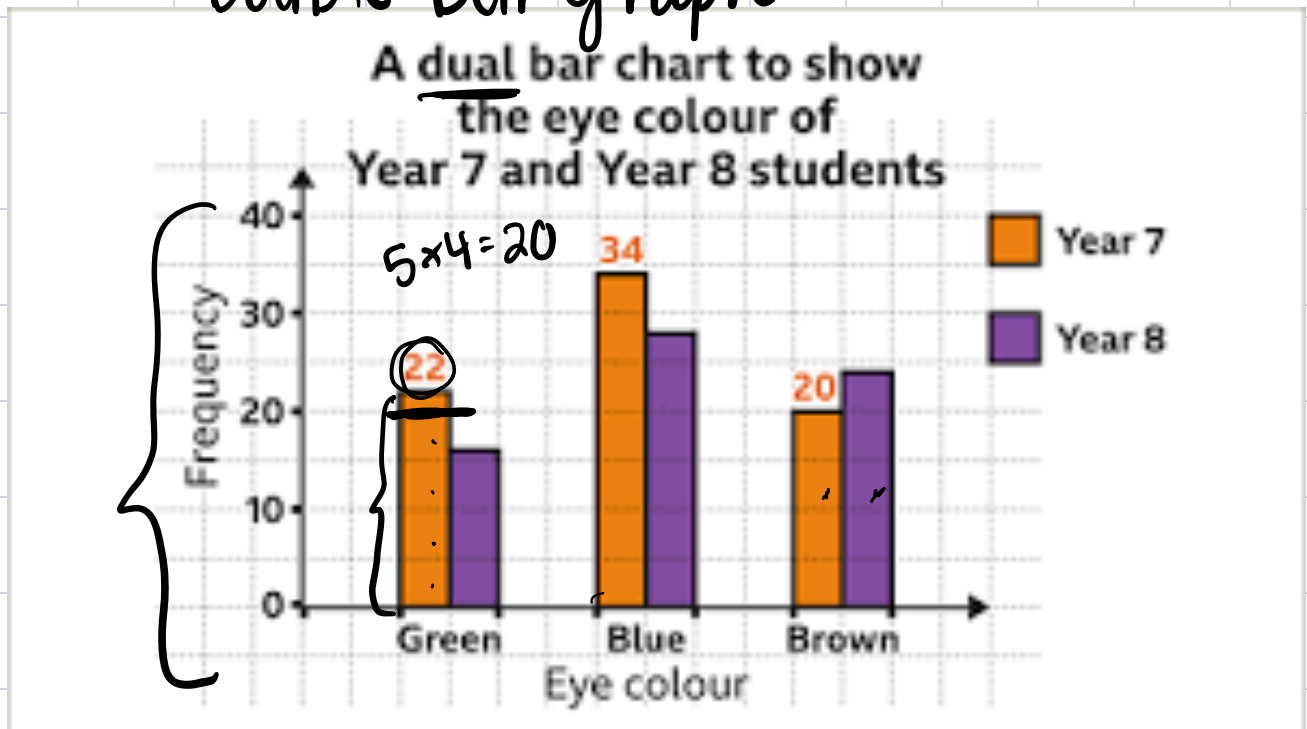
The y axis is measuring how many people participated in the survey.



The x axis is showing different types of movies

→ a double bar graph is used to compare the results from two different groups.

Double bar graph



Keywords

Data - a set of information used for research → cats vs. dogs

Graph - a visual way to present data.

Line Graph - a graph that shows how much something grows overtime

Pie/Circle Graph - a graph that shows a percentage or parts of a whole

Bar Graph - measuring amounts and comparing amounts

X - Axis - shows timeline or unit of measurement along the bottom or horizontally.

Y Axis - shows a unit of measurement vertically

Increase - when an amount goes up

Decrease - when an amount goes down;
opposite of increase

Fluctuation - when the amounts are
constantly changing

Stable/Consistent - stays in the middle;
opposite to fluctuation

What do we want to learn more about?

- How to put something into a percentage?
- How many people can do a graph?
 - ↳ How many participate?