

A peer thinks that another type of graph might better represent the data.

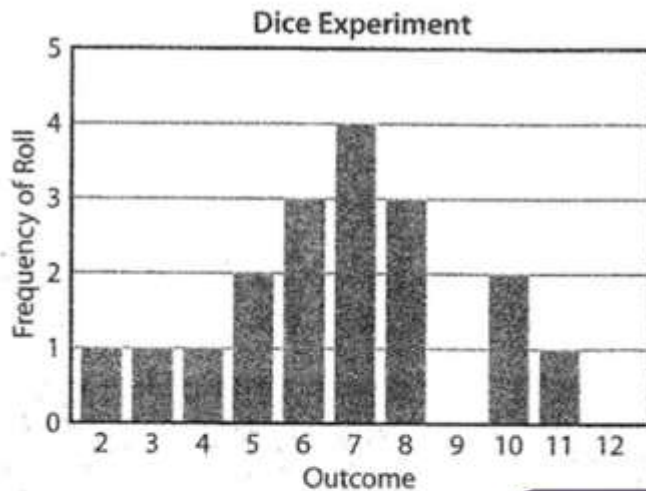
Do you agree or disagree?

Explain.

Some Wonderings

Pull

- >What do the percentages actually represent?
- >How many data points were responsible for making up each 'wedge'?
- >>Does the sample chosen represent the population?

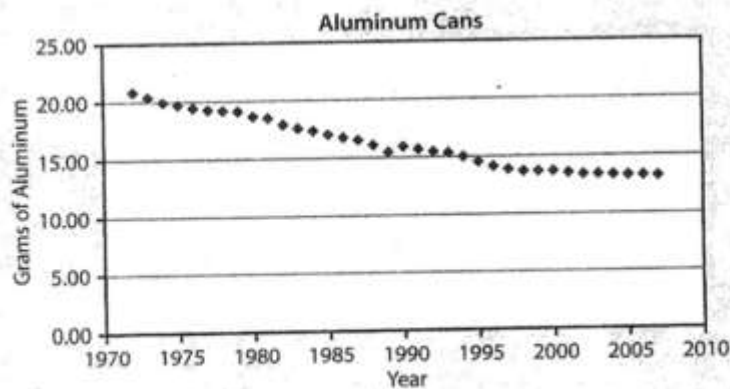


A bar graph groups data into **categories**.

Some Wonderings

Pull

- What predictions can be made based on what you know from the graph?
- If you carried out the dice experiment 10 more times, what would you expect the graph to look like? After 100 times?

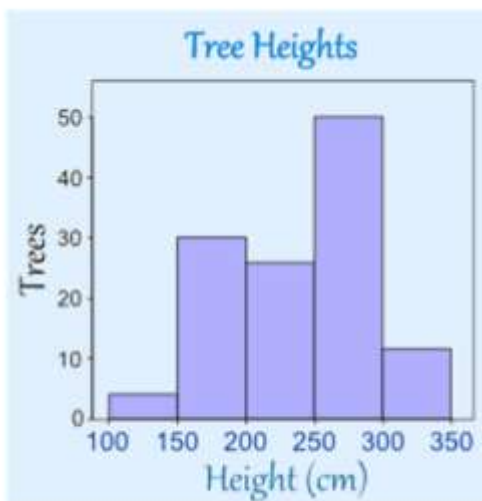


Scatter plots are created by plotting points--ordered pairs, (x, y).

There may be a correlation (or relationship between both variables)--positive or negative, weak, strong, or no correlation.

Some Wonderings

- Could you extrapolate to predict what might happen in a later year.
- How sure can you be about your extrapolations?



A histogram groups continuous data in **ranges** (or **intervals**).

Some Wonderings

- 1-What is the modal interval for tree height?
- 2-In which interval would you find the median tree height?
- 3-What is the mean tree height?