

2.1.1 Dot Plots and Bar Graphs

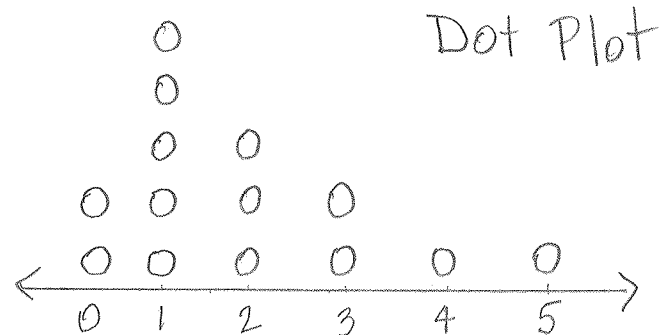
Essential Question: How will I analyze the strengths and weaknesses of various graphical representations of data?

BIG IDEAS:

Dot plot

...a way of displaying data that has an order and can be placed on a number line. Dot plots are generally used when the data is discrete (separate and distinct) and numerous pieces of data fall on most values.

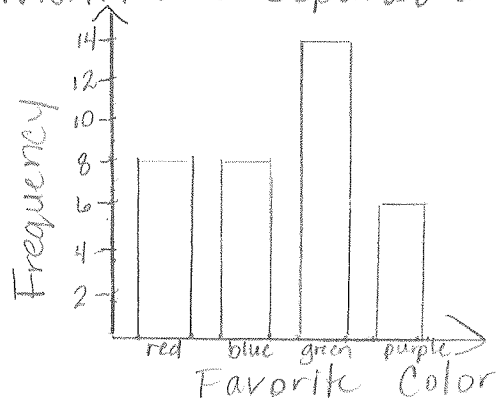
Ex.



bar graph

A bar graph is a set of rectangular bars that have height proportional to the number of data elements in each category. Usually, all of the bars are the same width and separated from each other.

Ex.



2.1.1 Continued

BIG IDEAS:
Venn Diagram

... a type of diagram used to classify objects. It is usually composed of two or more overlapping circles representing different conditions. An item is placed or represented in the Venn diagram in the appropriate position based on the conditions that the item meets.

Ex.

