

Example Notes from Mrs. Knouff's homeroom.

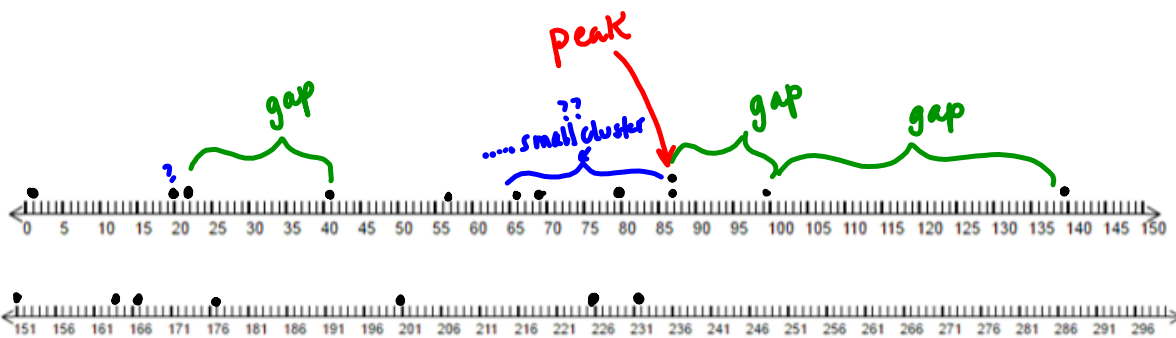
Line Plot (Dot Plot): a graph that shows the frequency of values along a number line. It shows the spread and the distribution including clusters, peaks, and gaps.

data that is grouped together

highest point in data

empty spaces between data

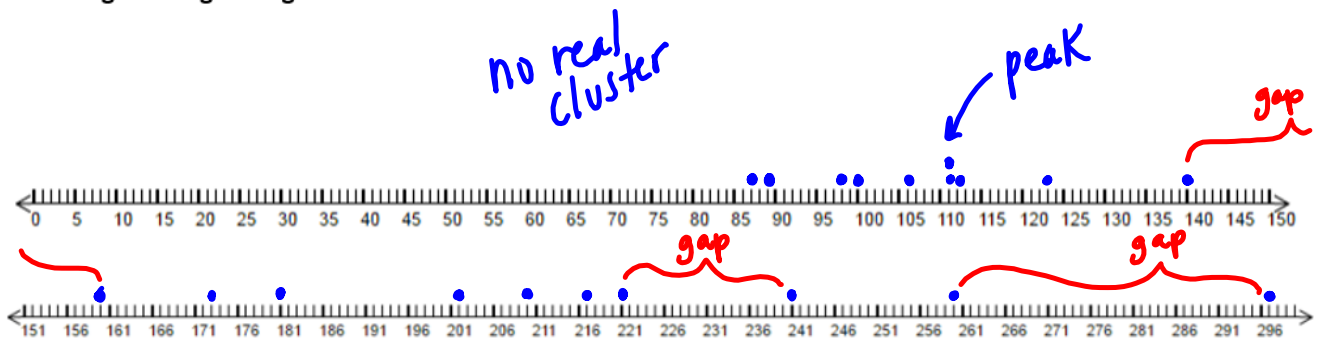
Collecting and Organizing Data Trial #1: Class Data



Initial Response to Trial #1:

The boats are not similar because the data is spread out. There are many gaps such as 177 to 201. There are small gatherings of data from 20-22 and 66 to 87. There is a peak at 87. Boats were made from 4in x 4in aluminum foil. 1cm x 1cm x 1cm cubes were floated in the boats until it sank. The cubes were counted. 19 boats were tested.

Collecting and Organizing Data: Trial #2: Class Data



Initial Response to Trial #2

We gathered data by making aluminum foil boats (4in x 4in). We floated the boats and put in 1cm x 1cm x 1cm cubes until the boat sank. Then the cubes were counted. There were 20 boats tested. The boats are not similar because the data is spread out. For example, there are gaps between 140 to 160, 221 to 241, and 260 to 297. There is a peak at 111. There is no real cluster but some data is gathered around 97 to 112.