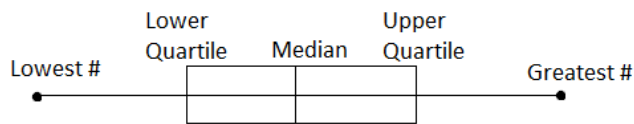


Lesson 9-4 : Box and whisker plots

SWBAT: Analyze a set of data by creating a box and whisker plot

Box and Whisker Plot:

- Shows how a set of data is distributed on _____
- You cannot put the data underneath your number line! It must be a scaled number line!!!
- You need to find 5 values:
 - The Smallest #
 - Lower quartile – _____.
 - The median of all the data
 - Upper quartile – _____.
 - The biggest #
 - Do not include the median as a data point when finding the quartiles!

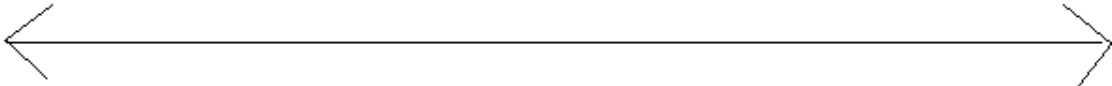


- Each section of a box and whisker plot has _____ of the data!

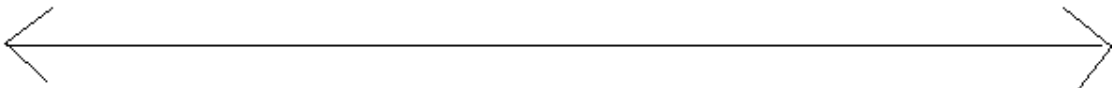
Make a box and whisker plot from this data:

a. 2, 4, 8, 10, 10, 10, 12, 12, 14, 18, 20, 28

- Remember to mark the 5 key values on your number line!



b. 15, 11, 8, 17, 6, 10, 19, 12, 15, 16, 20



c. 42, 14, 26, 55, 60, 35, 45, 28, 40

