Exploring Displays

For each type of display, fill in the information below.

Pie Charts	Bar Charts
Sketch a pie chart here.	Sketch a bar chart here.
Pie charts are constructed from _____1_____ column(s).	Bar charts are constructed from _____1_____ column(s).
They show _____*categorical*_____ data.	They show _____*categorical*_____ data.
What does this display tell us? *The proportion in which values in a categorical column are represented*	What does this display tell us? *The proportion in which values in a categorical column arerepresented - including categories that are not represented*

Box Plots	Histograms
Sketch a box plot here	Sketch a histogram here
Box plots are constructed from _____1_____ column(s), and show _____*quantitative*_____ data. What do you think this display tells us? *The range of quantitative values in the bottom quarter, top quarter, and the middle quarters. This tells us something about the spread of the data*	Histograms are constructed from _____1_____ column(s), and show _____*quantitative*_____ data. What do you think this display tells us? *How many values in a quantitative column fall into equally-sized bins. This tells us something about the spread of the data*