

Five Number Summary & Box Plots

- The Five Number Summary is...
 - Which is made up of...
- Using the Five Number Summary, we can create a _____
 - How? Well...
- Finding the Interquartile Range
- Finding the lower and upper fences
- Adjusting a Box Plot into a _____
- Calculator Tricks
 - 1-Var Stats
 - Plotting a Box Plot
 - Plotting a Modified Box Plot

Practice

1. Find the five number summary of the data below BY HAND! (Hint: sort data first!)

[42, 17, 20, 89, 23, 56, 78, 34, 91, 65, 65, 12]

2. Using question 1, draw a Box Plot.

3. Find the five number summary of the data below BY CALCULATOR!

[10, 13, 14, 15, 16, 16, 18, 19, 20, 44, 50, 50, 65, 70, 70, 87, 99]

4. Now find the lower and upper fences from with the data from question 3.

5. Draw the modified box plot detailed in question 3 and 4.

