Your group will be assigned one of the following data sets of random variables:

- Number of siblings for students in a statistics class
- Women's Shoe Size (in U.S. sizes)
- Heights of females at a college
- Age of randomly selected women in the WNBA league
- Maximal breadth of skull from Egyptian mummies
- Weight of diamond stones (in carats)
- Weight of discarded food garbage in a given week (in pounds)
- Runs scored per season for randomly selected baseball teams from 2009 – 2011
- Volume of randomly selected Coca Cola brand soft drink cans (in fluid ounces)

Use StatCrunch or other graphing methods to create a reasonable plot (or multiple plots) and use the plot(s) to determine if the random variables are discrete or continuous. Your group will present the plot on a poster or the projector.

Questions to answer in your presentation:

- Which plot(s) did you choose and why?
- How does a plot help you determine if a variable is discrete or continuous?
- Explain the shape, center, spread of the plot