UNIT ACTIVITY:
USING BOXPLOTS TO ANALYZE DATA

Return to the class survey data collected for Unit 2's Activity. The questions are restated at the end of this activity so that you don't have to refer back to Unit 2.

ANALYSIS OF THE SURVEY

1. Make modified boxplots for the data from questions 1 – 5. Describe the key features of each of your boxplots.

2. How do estimates of waiting time compare for males and females? Make comparative modified boxplots of the data from survey question 1 for males and females.

3. Do males or females spend more time studying for exams? Make comparative modified boxplots of the average time spent studying for an exam for males and females. Interpret your graphs in the context of study times.

4. Make comparative modified boxplots for the amount of time that males and females exercise on a typical day.

SURVEY QUESTIONS (UNIT 2, ACTIVITY)

1. How long (in seconds) did you wait while your instructor was getting ready for this activity?

2. How much money in coins are you carrying with you right now?

3. To the nearest inch, how tall are you?

4. How long (in minutes) do you study, on average, for an exam?

5. On a typical day, how many minutes do you exercise?

6. Circle your gender: Male   Female