# Worksheet to Accompany Univariate and Bivariate Data Lesson

1. Record the following information from your classmates:
   - Height
   - Wingspan
   - Favorite Color (red, blue, green, yellow, black, white, or purple)
   - Favorite Type of Food (dessert, breakfast, candy, lunch/dinner)
   - Birth Month
   - Birthday (day of the month)

2. Which data sets are categorical?

3. Which data sets are numerical?

4. Choose one set of data to display in a box plot on the **Box Plot** applet. Draw and label the box plot below:

5. Choose one set of data to display using a bar graph on the **Bar Graph** applet. Draw and label the bar graph below:

6. Choose two sets of data to compare using the **Multi-Bar Graph** applet. Draw and label the bar graph below:

7. Choose two sets to data to compare using the **Scatter Plot** applet. Draw and label the scatter plot below:

8. What is the difference between the types of data used to create the multi-bar graph and the scatter plot?