

Name: \_\_\_\_\_

Class: \_\_\_\_\_

### Analyzing Results

**Directions:** Use this sheet to interpret the results you found in your study. Take your time when looking at this data, and answer the questions below in complete sentences. Remember, you will use this data to make all the required components in this project.

1. Write three inferences (*what can you assume or guess?*) or conclusions (*what do you know*) about your data?

2. What two things stood out about your data?

3. Are you satisfied with the variety and accuracy of your results? Circle one: Yes or No

Why or why not? Write a paragraph using evidence to justify your answer. That is, use the results from your study to convince why you are satisfied.

4. Are there any possible errors in your study? Circle: Yes or No

What are the possible errors in your data?

5. Use the space provided below to create a frequency table using the results from your study. Make sure to use a ruler, order your data, and label all the columns in the table.

**Step 1:** Order your data from least to greatest.

**Step 2:** Create a frequency table.

Step 6: If you asked a categorical question for your statistical question (meaning that you received words for your answers), to move on with the project you will need to change your question into a numerical question and gather more data from your classmates.

What is your new statistical question?

What is your new data?