

Name:

Date:

Class:

# Analysis and Reflection Worksheet

## Analyzing and Interpreting Data

Answer the following questions.

1. Looking back at your data, identify how each parameter affected the capacitance. You may use the sentence starters below or write your own on the back.

- When the area of the electrodes increased, the capacitance \_\_\_\_\_.
- When the \_\_\_\_\_, the capacitance \_\_\_\_\_.
- When \_\_\_\_\_.

2. Construct an explanation for why you think each of these changes had its corresponding effect on capacitance.

- I think increasing the area caused \_\_\_\_\_ which led to the capacitance \_\_\_\_\_.
- I think \_\_\_\_\_ the distance between the metal \_\_\_\_\_ which led to the capacitance \_\_\_\_\_.

## Reflection

Answer the following question.

3. If there were any other things you changed, you can include your explanations below: