

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

Date: \_\_\_\_\_

**Experiment # : 8.1**

**A. Vocabulary words from this module *that relate to this experiment* (that you will *use* in later sections):**

**Lightning, insulator, thunder, electrical charges, positive, negative, charges**

**B. Materials or procedural *changes* that might have affected the *results* or *conclusions* of your experiment :**

**C. Observations/Results (what you see happen):**

**Describe anything you can about the balloon and what you felt, saw, and heard when you brought the balloon near your hand.**

**D. Conclusions (WHY that happened):**

**How do the charges cause the sights and sounds? Describe this in detail (p. 187). Which type of charge moved (positive or negative)?**

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<b>E. What scientific principle did this experiment illustrate? What was the purpose of this experiment?</b>	
<b>How did this experiment represent lightning?</b>	

Use the back of this page if you need more space.