

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

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