

Name \_\_\_\_\_

Date \_\_\_\_\_

### Anticipation Guide: Chapter 2 Section 1 pgs 46-53

**Before Reading:** Decide whether the statements below are true or false. In the “Before” column place a T (true) or an F (false). You must make a decision. Do not leave any blank.

**During or After Reading:** Review your responses and place a T (true) or an F (false) in the “After” column for each statement. Underneath each statement, provide evidence from the text that supports your thinking. Reference ideas from the text with the page number where the information was found.

**Before**

**After**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. Protons are attracted to other protons.  |
| _____ | _____ | 2. If two charges are different and they are placed together in an electric field, they will pull towards each other. |
| _____ | _____ | 3. Static charge is produced by friction and convection.  |
| _____ | _____ | 4. Electrons are not created or destroyed but protons are.  |
| _____ | _____ | 5. During static discharge charges jump from one object to another object with the same charge.                       |
| _____ | _____ | 6. Lightning striking is a result of static discharge.  |
| _____ | _____ | 7. In an electroscope you can determine the type of charge by looking at the leaves.                                  |