

Name _____

KEY

Date _____

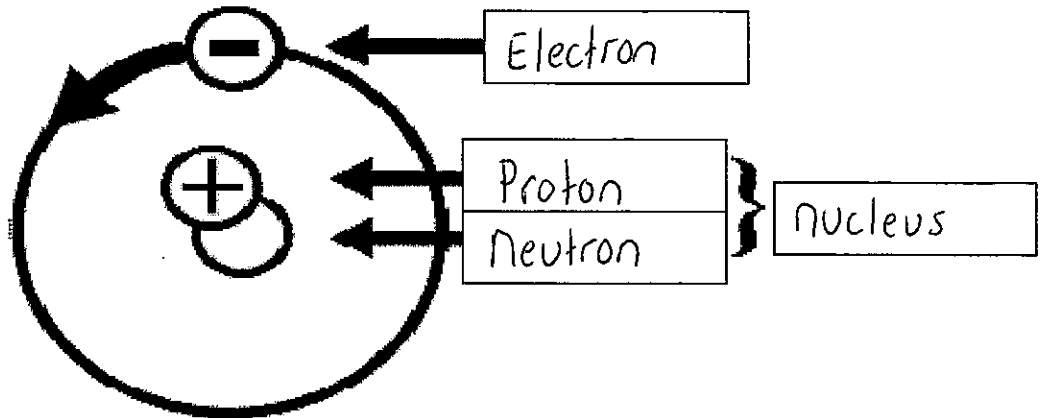
Period _____

Unit 10 – 1 Review

Each answer is 4pts.

1. Label the three parts of the atom (proton, neutron and electron) and the nucleus.

The Atom



2. Like charges repel and opposite charges attract. This is known as the Law of Electric Charges

3. When static electricity occurs, which part of the atom "jumps" from one object to another? electron

4. List the three ways to charge an object?

- a. Friction
- b. induction
- c. Conduction

5. Define conductor:

Any material that easily allows electric charges to pass through.

6. Identify one example of a conductor: Copper

7. What would happen if there were two objects with a negative charge?

They would repel

8. Name two good conductors Copper, aluminum, water

9. Name two good insulators Rubber, glass, air

10. What do you call the space around a charged object in which another charged object experiences an electric force? electric field

11. What is necessary for an object to be considered neutral?

Positive charges must be equal to the negative charge

12. What is the release of electricity stored in a source called? (HINT: the release of built up electrons)

electric discharge

13. What occurs when electrons move from one object to another by direct **contact**?

Conduction