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

Go to the media center website, click on discovery education and log in with your school email and chromebook password. Go to assignments and click on the assigned reading for 2/14/13. Answer the following questions, turn this into the inbox when you are done.

1. What are the three subatomic particles in an atom?
2. What is the center of an atom called? What kinds of particles are found here?
3. Based on the type of particles found in the nucleus, what kind of charge do you think the nucleus has overall (positive, neutral or negative)?
4. What is the large part of the atom around the nucleus called? What kind of particle is found here?
5. How do electrons and protons compare in size?
6. If an atom has 10 protons and 10 electrons, what is its overall charge?
7. If an atom has 10 protons and 8 electrons, what is its overall charge?
8. If an atom has 8 protons and 10 electrons, what is its overall charge?
9. Atoms of different elements always differ in the number of \_\_\_\_\_\_\_\_\_ in their nuclei.

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