

Atoms and Elements – Chapter 3.1

Name _____

Date _____ Per. _____

1. Explain the difference between an atom and an element.
2. What is Chemistry the study of? _____
3. Use the periodic table. List the names of any 12 elements that you have heard of before. Next to the name, write the atomic symbol for each element.
4. Dalton thought atoms had four properties. What are they?
5. Which one of Dalton's postulates about the atom was proved wrong by later evidence?
6. Where do cathode rays get their names?
7. What are some everyday uses for CRTs?
8. What is the difference between an anode and a cathode?
9. What is the name of the first subatomic particle ever discovered? _____
What is the electric charge on this particle?
10. List two other subatomic particles and give the electric charge on each.