Chapter 9 Study Guide-DUE WEDNESDAY 2/26/14 (This is the day of the test also)

ANSWER ON A SEPARATE SHEET OF PAPER

1. Which group contains the most elements?
2. What state of matter are most elements?
3. How can you figure out how many protons are in and atom? Does this number equal anything else?
4. What are the properties of metals and how are nonmetals different?
5. What does an element’s place on the periodic table tell you?
6. What is the difference between a row and column on the periodic table?
7. What are the names of the groups on the periodic table (be able to list them in the right place on the test)?
8. Which group is most reactive?
9. What group doesn’t usually form compounds?
10. What is the element of life?
11. How was Mendeleev’s table arranged?
12. What does the modern model of an atom look like and what are the particles in an atom?
13. What are the parts of an “element square” on the periodic table?
14. What is corrosion?
15. What are isotopes and why is the atomic mass not a whole number?
16. What are the “stair step” elements and why are the unique?
17. What are the properties of the transition metals and how do they compare with other families?
18. Why is hydrogen so lonely? ☹
19. Why don’t we include electrons when determining the atomic mass?
20. How can an element have no charge if it is made of charged particles?

Chapter 9 Study Guide- DUE WEDNESDAY 2/26/14 (This is the day of the test also)

ANSWER ON A SEPARATE SHEET OF PAPER

1. Which group contains the most elements?
2. What state of matter are most elements?
3. How can you figure out how many protons are in and atom? Does this number equal anything else?
4. What are the properties of metals and how are nonmetals different?
5. What does an element’s place on the periodic table tell you?
6. What is the difference between a row and column on the periodic table?
7. What are the names of the groups on the periodic table (be able to list them in the right place on the test)?
8. Which group is most reactive?
9. What group doesn’t usually form compounds?
10. What is the element of life?
11. How was Mendeleev’s table arranged?
12. What does the modern model of an atom look like and what are the particles in an atom?
13. What are the parts of an “element square” on the periodic table?
14. What is corrosion?
15. What are isotopes and why is the atomic mass not a whole number?
16. What are the “stair step” elements and why are the unique?
17. What are the properties of the transition metals and how do they compare with other families?
18. Why is hydrogen so lonely? ☹
19. Why don’t we include electrons when determining the atomic mass?
20. How can an element have no charge if it is made of charged particles?