Name:

Homeroom:

Chemistry Study Guide

1. KNOW your vocabulary words.

2. What are the three states of matter? Give an example of each.

3. Be able to draw an atom, labeling the proton, neutron, and electrons and what charge each has.

4. What is a physical change? Give examples.

5. What is a chemical change? Give examples.

6. Upon seeing a block from the periodic table, be able to name:

* The element=

2

He

4

* The atomic number=
* The symbol =
* The atomic mass number=
* Number of Protons=
* Number of Electrons=
* Number of Neutrons=

7. Know the shell rules for electrons in an atom.

8. Using a block from the periodic table, be able to draw the atom with the correct number of protons, neutrons, and electrons. Make sure the electrons are in the proper shells.

9. Be able to count the number of atoms in a compound.

- Fe**2**O**3=**

10. What is the difference between a molecule and a compound?

12. Describe acids. Give an example.

13. Describe bases. Give examples.

14. Describe the pH scale.

15. Describe how to use litmus paper to determine if a liquid is an acid or a base.