SNC 2P Chemistry Test Review

**Study Suggestions:**

Review the following topics, which you should have in your binder

Make summary notes for yourself to help understand the material

Ask the teacher if there’s anything you don’t understand or are not sure of

Complete the practice questions

Get help with any questions that you couldn’t answer

**Test Topics**

Physical Properties of Matter

States of Matter

Metals, Nonmetals, Metalloids

Ionic Bonding Diagrams

Nomenclature (naming and writing formulas)

Writing and Balancing Chemical Equations

Classifying reactions

Physical and Chemical changes

Acids, Bases, pH (maybe)

**Review Questions**

1) Define the following physical properties: boiling point, conductivity, solubility, malleability, density

2) Why do ionic substances conduct electricity when mixed with water?

3) How do a substance’s particles determine what state its matter is in (e.g. solid, liquid, or gas)

4) What does adding heat do to a substance’s particles?

6) What is the difference between an atom and a molecule?

7) What is the difference between an ionic bond and a covalent bond?

10) How is the periodic table organized? (Hint electron arrangements)

11) Draw an ionic bonding diagram for lithium and sulfur

13) What is the difference between a physical and a chemical change? Give an example of each

pg. 182 #s 3, 6, 11, 12, 13, 18, 20, 21, 22, 24