**Ch.1-1 Describing Matter Test Study Guide**

**Chapter 1-1 Describing Matter**

*You should be able to:*

* What is **matter**?
* What kinds of Properties are used to describe matter? (Classification of Matter graphic Organizer)
* What are elements? What symbols are used for elements? What is the smallest part of an element?
* What are Compounds? What is the smallest part of a compound?
* Compare & Contrast Elements & Compounds (Venn Diagram)
* What is a Chemical Formula- How to identify # atoms and elements
* What are the properties of a mixture? Homogenous/ Heterogeneous (Venn Diagram)
* Solutions – Solute and Solvent, dissolve (soluble/insoluble)

## **Key terms**

## Chemistry Atom

Matter Substance

Physical Property Chemical Property

Physical Change Chemical Change

Element Chemical Bond

Molecule Compound

Chemical Formula Mixture

Heterogeneous Mixture Homogenous Mixture

Solution Solute

Solvent