Ch. 1 MATTER & CHANGE Part II

**States of Matter**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Properties | Example | Molecular View (make a drawing) |
| Solid |  |  |  |
| Liquid |  |  |  |
| Gas |  |  |  |
| Plasma |  |  |  |

**Classification of Matter**

1. What is the difference between a mixture and a pure substance?
2. How can you tell the difference between homogeneous and heterogeneous mixture?

**Separating Mixtures**

Describe the following separation techniques:

1. Filtration
2. Distillation
3. Crystallization
4. Chromatography

**Periodic Table**

1. What is the difference between a group and period?
2. What is unique about groups?
3. Make a sketch of the periodic table and label where you’d find metals, nonmetals, and metalloids?
4. Characteristics of metals-
5. Characteristics of nonmetals-
6. Characteristics on metalloids-
7. On your sketch of your periodic table label where the alkali metals, alkali earth metals, transition metals, halogens, and noble gases.