

Lesson 17: Separation of Mixtures

Chemistry with Lab

The components of a mixture may be separated based on the physical properties of _____

_____ (An instrument that uses this property to separate mixtures when tiny solid particles are dissolved in a liquid is called a _____.)

Some techniques used to separate the components of a mixture are:

_____ – used to separate liquids and solids

_____ } used to separate solutions

	Observation	Explanation
1.	_____ _____ _____ _____	_____ _____ _____ _____
2.	_____ _____ _____ _____	_____ _____ _____ _____
3.	_____ _____ _____ _____	_____ _____ _____ _____

Lesson 17: Separation of Mixtures (cont.)

Chemistry with Lab

Density - _____ per unit of _____

Density =

(D= _____)

common units for density: _____, _____

Example problem: Suppose we have an object with a mass of _____ grams and a volume of _____ mL. What would be the density of this object?

Problem Set One

1.

2.

3.

Problem Set Two

1.

2.

3.

Lesson 17: Separation of Mixtures (cont.)

Chemistry with Lab

The Chemistry Quiz

CR1. _____ CR2. _____ 1. _____ 2. _____ 3. _____

4. _____ 5. _____