**Chemistry Worksheet**

# http://www.chem4kids.com/files/art/matter_solu_2.jpghttp://climatechem.files.wordpress.com/2011/10/mixtures1.jpgHomogeneuos vs Heterogeneoushttp://kaffee.50webs.com/Science/images/molecular.model-salt.Ar.H2O.gifhttp://kaffee.50webs.com/Science/images/molecular.model-salt.Ar.H2O.gifTypes of Mixtures

## http://cnx.org/content/m20312/latest/graphics1.png

## What are the two basic types of mixtures?

## What are “homogeneous mixtures?” Give three examples.

## What are “heterogeneous mixtures?” Give three examples.

## The best mixed homogeneous mixture (like lemonade) is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-.

## If sugar is put into a glass of water, you know that at least some of the sugar will dissolve; therefore, sugar is described as being “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.”

## What is meant by the term “soluble?”

## Describes what happens as sugar dissolves.

## Define the term “solution.”

## Define the term “solvent.”

## Define the term “solute.”

## How is the solute in a solution generally differentiated from the solvent?

## Describe the dissolved solute particles in a solution.

## What happens if a solution is poured through filter paper?

## What phases can solutions exist in?

## **Some possible solute-solvent combinations of gases, liquids, and solids in solutions are summarized in Table 13-1.**

## After large soil particles settle out of muddy water, why is the water often still cloudy?

## What happens if this cloudy mixture is poured through a filter?