

Understanding Concepts Page 47

Do questions 1 ab, 2, 3, 4 a,b,c

After the Quiz, work on the above

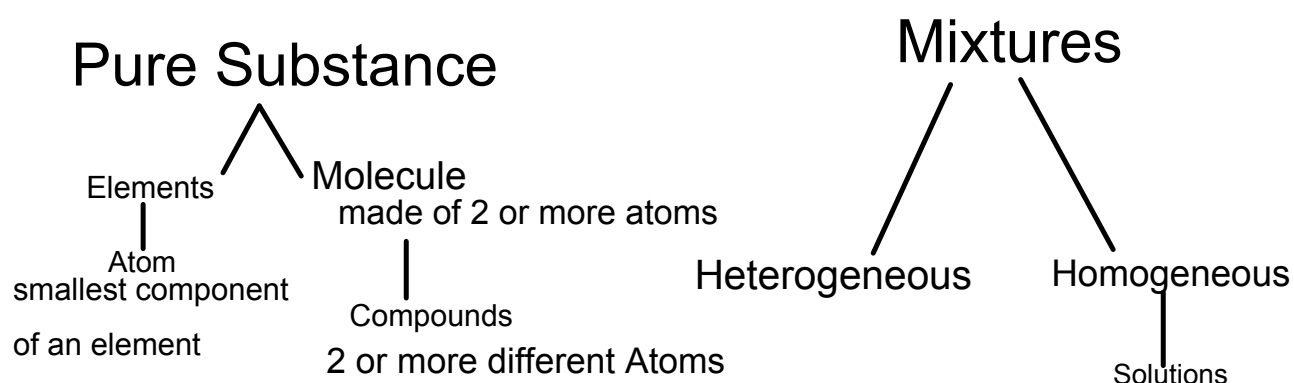
1a) A pure substance is made up of one type of element or compound.

A mixture is made up of two or more pure substances.

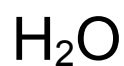
b) A solution (Homogenous mixture) is made up of two or more substances that are blended so you can't see individual parts.

Heterogeneous mixture is made up of two or more substance and each substance can be identified when looking at it.

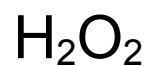
2) Categories of Substances



3) Two molecules made for the same type of atoms are:



Hydrogen Dioxide



Hydrogen Peroxide



Carbon Dioxide



Carbon monoxide

4) a) A clear, colorless liquid that can be split into two gasses with different properties.

Compound

b) A yellow solid that always has the same properties and cannot break down.

Element

c) A colorless gas that burns to produce carbon dioxide and water

Compound