

6.1 Defining a Solution

Definitions

- Solution
- Homogeneous mixture
- Solute
- Solvent
- Aqueous solution
- Electrolyte
- Nonelectrolyte
- Acid
- Base
- Neutral

Solutions

- Solutions are homogeneous and can be gases, liquids, or solids.
- Something is dissolved in something else.
- Like dissolves like.

Properties of Aqueous Solutions

- Electrolytes will conduct electricity.
- Non-electrolytes will not conduct electricity.
- Remember the (aq) subscript
- Acids are low pH and donate protons.
- Bases are high pH and accept protons.
- Neutral is about a pH of 7.

Homework

Practice 1-8

Section Questions 1-6