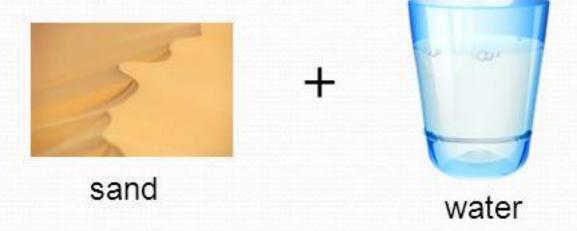
- **Mixture**: two or more substances are combined, but they are not combined chemically (they can be separated)
- Solution: a mixture where one of the substances dissolves in the other.
  - The substance that dissolves is called the solute
  - The substance that does not dissolve is called the solvent
- A solution is a type of mixture. A solution is a mixture that is the same or uniform throughout. Think of the example of salt water. This is also called a "homogenous mixture." A mixture that is not a solution is not uniform throughout. Think of the example of sand in water. This is also called a "heterogeneous mixture."
- Compound: when substances are chemically joined

## Mixture



You can separate the sand from the water by filtering.



## Solution





The sugar is dissolved in the water. The sugar particles are evenly distributed in the water.