

Homework

1. Pure Substances

- A substance of a definite composition which has ~~const~~ consistent properties throughout is called a pure substance.

Mixtures

- A mixture is an impure substance which has no fixed composition, i.e. it is formed by mixing two or more substances in any ratio without any chemical reaction.

- Pure substances are of two types, i.e., elements and compounds.

- Mixtures may be homogeneous or heterogeneous.

2. Examples of homogeneous mixtures: ~~soil~~ soil, sand and sugar, sand and iron filings, etc.

Examples of heterogeneous mixtures: salt + water, brass, bronze, etc.

3. This method is used to separate light solids from heavier ones. In this process, the person stands at a higher ground and pours the ^{mixture} ~~mixture~~ of rice and ~~two~~ husk down while wind is blowing. Because of the wind, the ~~lighter~~ lighter husk will fly away and the heavier rice grains will fall down vertically.