

HW Differentiate between pure substances and Mixture

<u>Pure substances</u>	<u>Mixture</u>
<p>→ Pure substances are element or compound. They have same kind of atom or molecule and have a definite set of physical and chemical properties.</p>	<p>→ Two or more pure substances mixed together in any ratio to form a mixture.</p> <p>→ Mixtures are impure substances.</p>

Q2. Give three examples of each homogeneous and heterogeneous Mixtures.

ans- Homogeneous Mixture - Sugar and water, salt and water, lemonade  
heterogeneous Mixture - soil, oil and water, dust

Q3) Explain the principle of the process of winnowing for separation of solid-solid mixture.

ans- Principle of the process of winnowing:-

By the process of winnowing we can separate light solid from a heavy solids. Its principle is as the mixture is allowed to fall from a height the heavy materials fall vertically down ward where as the light substance gets blow away by air. By this method we can separate husk from grain and husk mixture.