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# Pure substances and mixtures; Separation

Q1) A pure substance consists only of one element or one compound. A mixture consists of two or more different substances, ~~are~~ not chemically joined together.

Q2) Homogeneous mixtures :-  
Ex - milk, sugar, oil.

Q3) Heterogeneous mixtures :-  
Ex - water, sand and salt

Q3) Sieving principle - based on the difference in the size. mixtures can be separated using a variety of techniques. Chromatography involves solvent separation on a solid medium. Distillation takes advantage of differences in boiling points.