

Science worksheet JR IV

Topics: Mixture of Solids, Mixture of solids and liquids, Separating solids from liquids

Important Terms: Mixture, Separation, Filtration, Sieving, Magnetic, Particles

Q1. Choose an equipment to separate the following mixtures:

Mixture	Equipment	Mixture	Equipment
Sand and water mixture		Iron nails and sand	
Tea in water		Pasta in water	



Colander (Strainer)



Filter Paper



Magnet



Sieve

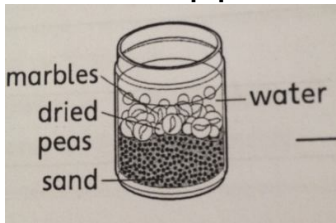
Q2: Draw lines to match the suitable explanation in column B

Column A	Column B
Sieving	Anything that is attracted by a magnet
Separating Equipment	Using a sieve to separate mixtures of solids.
Magnetic Mixture	A jumble of different materials.
	Sieve, Colander, Container
	Sorting different materials.

Q3: Ben added a small amount of a solid to some water and stirred it. The solid sank to the bottom and stayed there. Which solid could this be? Circle only one.

Flour sand salt powder paint sugar

Q4: You are given the following mixture. You have to separate the mixture and you have a Colander, Sieve and a Filter paper.



- First, I will separate _____ by using _____.
- Then I will separate _____ by using _____.
- Finally, I will separate _____ by using _____.

Q5: Fill in the blanks:

Filter, filtering, mixture, colander, mini-sieve, sieve

- a) When two or more materials are mixed together, It is called a _____.
- b) A tea bag is a _____.
- c) An instrument used to separate solids from liquids is known as a _____.
- d) A special sieve that separates vegetables from water they have been cooked in is called _____.
- e) Using something with holes to separate a solid from a liquid is called _____ and the thing you use for e.g. the kitchen towel is called a _____.