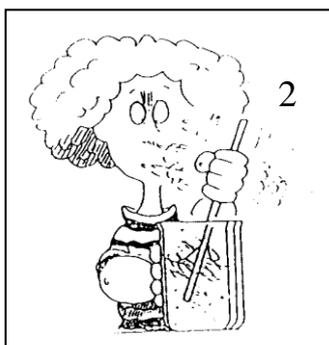
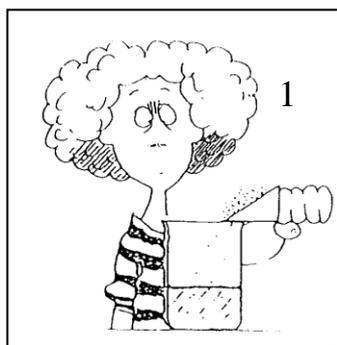


1. Match the definition in Column A with the correct term in Column B

	COLUMN A	TERM	COLUMN B
1	Able to be dissolved in a liquid	E Soluble	a) SOLUTE
2	Results when a solute dissolves in a solvent	G,(Solution)	b) DISSOLVE
3	A pure collection of one type of atom only	H (Element)	c) EVAPORATION
4	The substance that dissolves in a liquid	A (Solute)	d) SOLID
5	A substance that has a fixed shape and volume	D (solid)	e) SOLUBLE
6	An impure collection of different substances	F (mixture)	f) MIXTURE
7	Made up of two or more elements chemically combined	I (compound)	g) SOLUTION
8	Unable to be dissolved in a solvent	J (insoluble)	h) ELEMENT
9	Change of state from a liquid to a gas	C (evaporation)	i) COMPOUND
10	What sugar does in a cup of tea	B (Dissolve)	j) INSOLUBLE

(10marks)

2. The cartoons below show the steps in an experiment in which a mixture is being made, and then the substances separated.



a) What process has occurred in picture 3? (Mixing)(Dissolving) _____ (1 mark)

b) What method could be used to separate this mixture without having to use any other equipment? (Decantation) _____ (1 mark)

c) What method could you use to separate a salt and water solution? Evaporation _____ (1 mark)

d) Name TWO situations in your home where these separating methods are used.

Decantation ----- draining water from vegetables _____

Evaporation --- Allowing the dishes to dry in the rack _____

