

Answer all the questions below:



1) Unscramble the following words:

tesolu

vesolnt

usfidifon

olulsbe

2) Make three sentences using the following nine words or phrases:

a solute
keep adding more
separate solute

dissolves in a solvent
solute
from solution

forming a solution
becomes saturated
evaporation

3) Match the word or phrase with the right meaning:

Diffusion

When no more solute will dissolve in a solvent

Saturated

A substance that will not dissolve in an solvent

Insoluble

Spreading out of a substance in a gas or liquid

Answer all the questions below:

1) Unscramble the following words:

solute

solvent

diffusion

soluble

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7H Solutions

complete the sentence

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Place the right word or words to complete the sentence:



Click mouse to reveal answer

dissolves

boiling

test

salt

evaporate

temperature

solute

saturated

ink

- a) When a solid _____ to form a solution, the mass of the solid and the liquid is conserved.
- b) A solvent is a liquid that dissolves a _____ forming a solution.
- c) A solution is _____ when no more solute will dissolve in the solvent.
- d) Chromatography separates materials like _____ based on their relative solubility.
- e) Chromatography can be used to _____ for banned drugs in an athlete's blood.
- f) Salt solution contains dissolved _____ and a liquid, normally water.
- g) A way of separating dissolved salt from its solvent is _____ off the solvent.
- h) As you increase the _____ of a solvent it will dissolve more solute.
- i) Distillation involves _____, collecting and condensing.

complete the sentence

Place the right word or words to complete the sentence:

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boiling

test

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evaporate

temperature

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ink

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- g) A way of separating dissolved salt from its solvent is evaporate off the solvent.
- h) As you increase the temperature of a solvent it will dissolve more solute.
- i) Distillation involves boiling, collecting and condensing.