

SCIENCE – UNIT 3 – WORKSHEET 3

ACHIEVEMENT		COMMENT	
☐ Excellent	☐ Fair	Knowledge	
☐ Very good	☐ Need improvement	Skills	
☐ Good		Attitude	

UNIT 3 – Solutions, How can we make solids dissolve faster?



REMEMBER

Words to Learn

Solution Rate
 Solute Conclude
 Solvent
 Uniform

- A solution is made up of a solute and a solvent.
- Mixtures are made up of particles of different substances. Pure substances consist only of particles of that substance.
- Most mixtures can be separated but pure substances cannot be separated.
- Stirring and heating a solution make solid solutes dissolve faster.

I. Directions: Draw a line to connect the words to their definitions.

dissolve	A substance that does not dissolve in a given solvent.
insoluble	When a solute is mixed with a solvent to form a solution.
soluble	A homogenous mixture of two or more substances, formed when a solute dissolves in a solvent. Salt water is an example.
solute	A substance that will dissolve in a given solvent.
solution	The substance in which a solute dissolves. In salt water, this substance is the water.
solvent	The substance that dissolves in a solvent to make a solution. In salt water, this substance is the salt.

II. Directions: Label the pictures with the correct words from the box.



1. _____ 2. _____ 3. _____

Solution	Solute	Solvent
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III. Complete the sentences. Choose the correct answer from the choices in the drop- down box.

1. A soluble substance mixed in a solvent will make a _____.
2. Salt is the _____ in saltwater.
3. Water is the _____ in saltwater.
4. Sugar and Coffee Powder are the _____ in Coffee.
5. Stirring a Solution makes the solutes dissolve _____.
6. To make a solute dissolve faster, we can use _____ water.
7. The substances in a Solution can be separated through _____.