

**Elements, compounds and solubility**  
**Homework 3**

1. Name 2 solutions you find at home:-

(1)

1 \_\_\_\_\_ 2 \_\_\_\_\_

2. This picture shows a teaspoonful of salt being added to a glass of water.  
The salt dissolves.



Complete the following sentences.

When the salt dissolves the s \_\_\_\_\_  
formed is c \_\_\_\_\_ and c \_\_\_\_\_.

The final mixture is called a s \_\_\_\_\_ and the salt is  
called the s \_\_\_\_\_.

(5)

3. When a purple solid was shaken in a test tube of water a purple solid settled on the bottom and the liquid above was clear and colourless.

What is the correct word to describe the solubility of the solid?

Answer \_\_\_\_\_ (1)

4. List 3 ways to speed up a sugar cube dissolving in a cup of water.

(3)

1.

2.

3.