



Name:

Worksheet 3 : Soluble and insoluble

Date:

Grade 6 A

Objective:

To classify substances into soluble and insoluble materials .

Question 1 :

a. Classify the following substances into soluble and insoluble in water:

Substance	Soluble/ Insoluble
Sand	
Beans	
Sugar	
Jelly powder	
flour	
Salt	

b. What is the name given to the mixture of sugar and water?

..... .

c. Identify the solute and the solvent in the previous mixture:

Solute:

Solvent:

Question 2 :

Draw a line to connect the word to its explanation.

Word

Explanation

Soluble

A solid that does **not** dissolve in a liquid

Insoluble

A solid that dissolves in a liquid

Solvent

A liquid that dissolves a solid

Question 3 :

Draw a line from each measurement to the piece of equipment you need to make this measurement:

Temperature
change

Beaker

Mass of 100g

Measuring cylinder

Volume of 100 ml
of water

Thermometer

Ruler

Balance