

Summing up

Student: Class:

Copy and complete the statements below to compile a summary of this unit. The missing words can be found in the word list below.

- Most of the products we use consist of a of two or more substances.
- Fizzy soft drink is a mixture of sugar, food colouring, flavouring, preservative and gas dissolved in water.
- When a substance (solute) dissolves in a liquid (solvent), a is formed.
- Substances that do not dissolve in a liquid are said to be in that liquid.
- The separation of sugar from water by evaporation is called
- A suspension is an insoluble substance throughout the liquid.
- Filtration can be used to mixtures of insoluble solids in liquids or solid particles in gases. The traps the solids as the liquid or gas flows through it.
- Sewage is treated by filtration, sedimentation and natural breakdown of substances by present in the sewage.
- In mining, the metal is separated from the unwanted rock by crushing and then by froth flotation.
- Centrifuging is a method of separating which involves spinning the mixture at high speeds. substances are forced to the outside.
- Small amounts of food colourings can be separated by chromatography.
- Panning for gold is called separation because the gold is heavier than everything else in the mixture.
- Separation techniques are used in the, in the laboratory and in industry.
- A is a cloudy mixture that contains particles too small to be removed by filtering.
- An is a colloid made up of two liquids.

ore	home	insoluble	emulsion
colloid	heavier	bacteria	paper
carbon dioxide	separate	gravity	mixture
filter	dispersed	solution	crystallisation