

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.

1. Most of the products we use consist of a of two or more substances.
2. Fizzy soft drink is a mixture of sugar, food colouring, flavouring, preservative and gas dissolved in water.
3. When a substance (solute) dissolves in a liquid (solvent), a is formed.
4. Substances that do not dissolve in a liquid are said to be in that liquid.
5. The separation of sugar from water by evaporation is called
6. A suspension is an insoluble substance throughout the liquid.
7. 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.
8. Sewage is treated by filtration, sedimentation and natural breakdown of substances by present in the sewage.
9. In mining, the metal is separated from the unwanted rock by crushing and then by froth flotation.
10. Centrifuging is a method of separating which involves spinning the mixture at high speeds. substances are forced to the outside.
11. Small amounts of food colourings can be separated by chromatography.
12. Panning for gold is called separation because the gold is heavier than everything else in the mixture.
13. Separation techniques are used in the, in the laboratory and in industry.
14. A is a cloudy mixture that contains particles too small to be removed by filtering.
15. 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