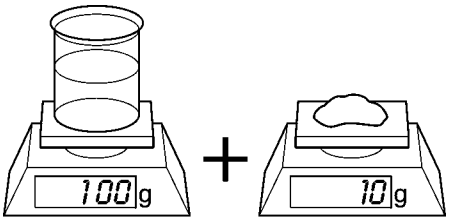
Using ideas about dissolving

1

Explain how you could prove that the salt was still in the water.

2 If you mix the salt with the water, how much salt water do you think you will get?



A less than 100 g

B exactly 100 g

C between 100 and 110 g

D exactly 110 g

E more than 110 g

Explain how you arrived at your answer.

Try this in your kitchen and see if you were correct.

3 If you evaporate the water, you will be able to get the salt back again.

How much salt do you think you would get?

A less than 10 g

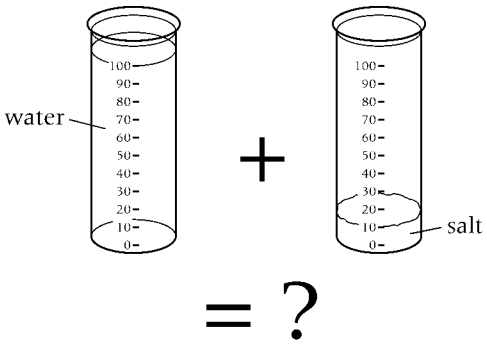
B exactly 10 g

C more than 10 g

D it is not possible to predict

Explain your answer

4 If you mix the salt with the water, how much salt water do you think you will get?



A less than 100 cm^3

B exactly 100 cm^3

C between 100 and 110 cm^3

D exactly 110 cm^3

E more than 110 cm^3

Explain your answer.

Try it at home and see if you were correct.

5 Draw a labelled particle diagram to show why filtering will not separate salt from water.