

Name:

Date:

## KS2 Quiz

Unit title: Mixtures and separation

**1 Which substance is not a mixture?**

- A Salt.
- B Sand.
- C Soil.
- D Seawater.

**2 Which method is best to separate flour and water?**

- A Sieving.
- B Magnetism.
- C Filtering.
- D Evaporating.

**3 What type of mixture does sieving separate?**

- A Liquid and liquid.
- B Solid and solid (different size particles).
- C Solid and solid (same size particles).
- D A solution.

**4 What process has to happen for a solution to be made?**

- A Evaporation.
- B Dissolving.
- C Crystallisation.
- D Stirring.

**5 Which of these substances dissolves to make seawater?**

- A Sand.
- B Flour.
- C Salt.
- D Sugar.

**6 Which factor will increase the time taken to dissolve?**

- A Stirring the solution.
- B A higher temperature liquid.
- C Smaller particles of the substance being dissolved.
- D A lower temperature liquid.

**7 Which particles are not small enough to fit through filter paper?**

- A Sand.
- B Dissolved salt.
- C Water.
- D Dissolved sugar.

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**8** How many substances are in a mixture?

- A One.
- B More than two.
- C More than ten.
- D Two or more.

**9** Which mixture can be separated using filtering?

- A Soil.
- B Muddy water.
- C Seawater.
- D Tea.

**10** Explain how the process of sieving works.