

How can you separate a mixture of sand, salt and water?

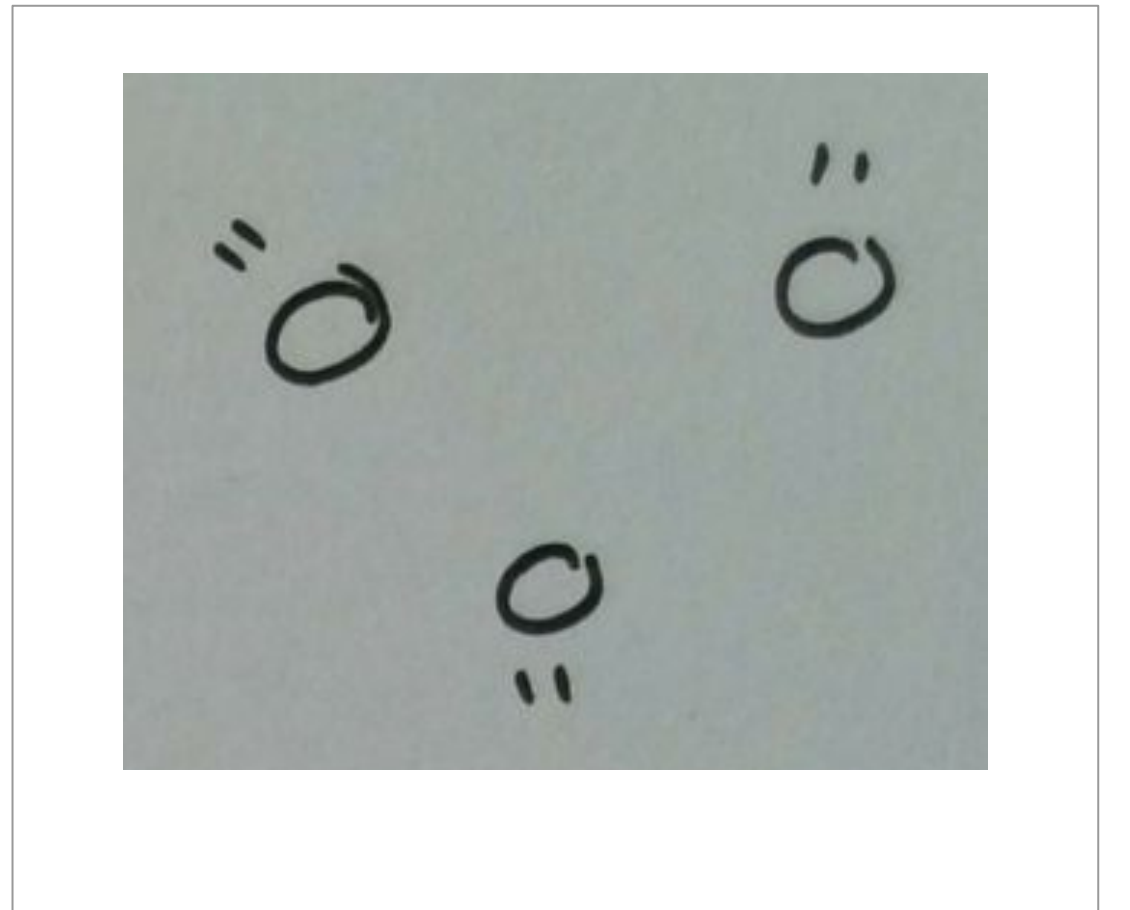
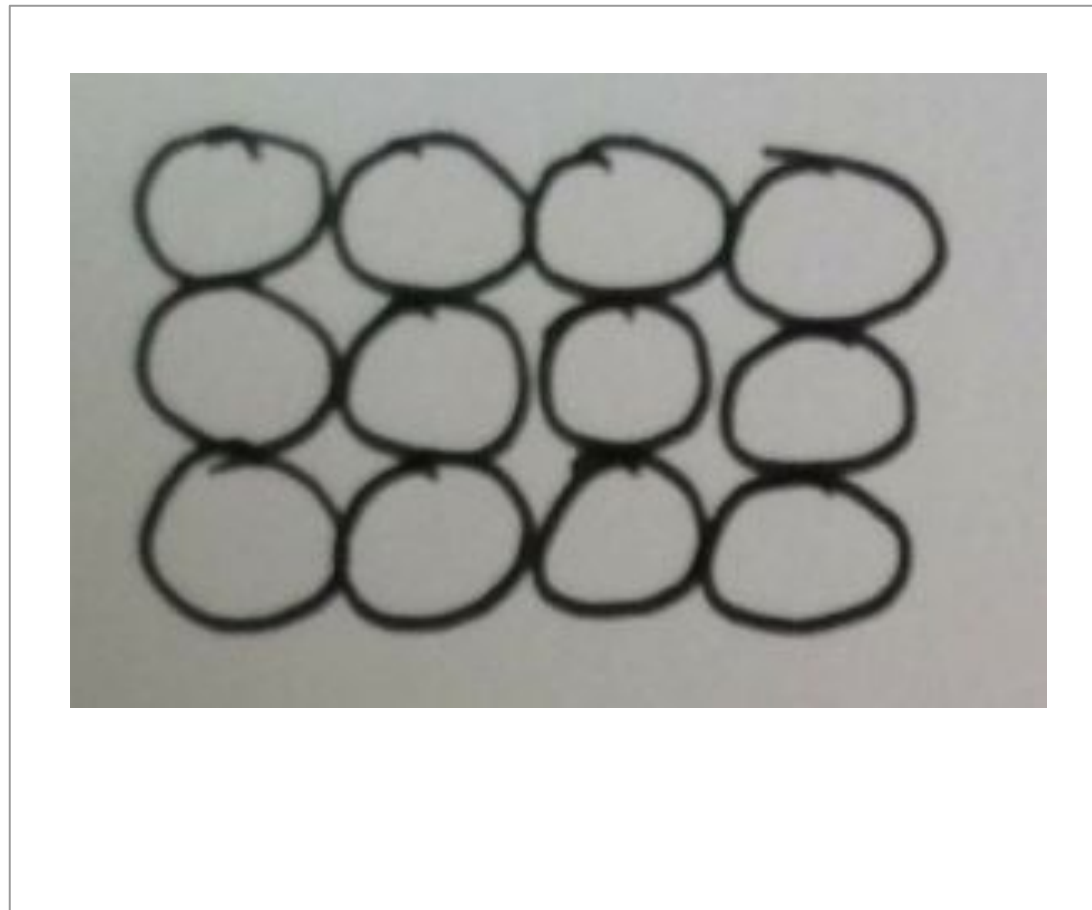
Worksheet

Science

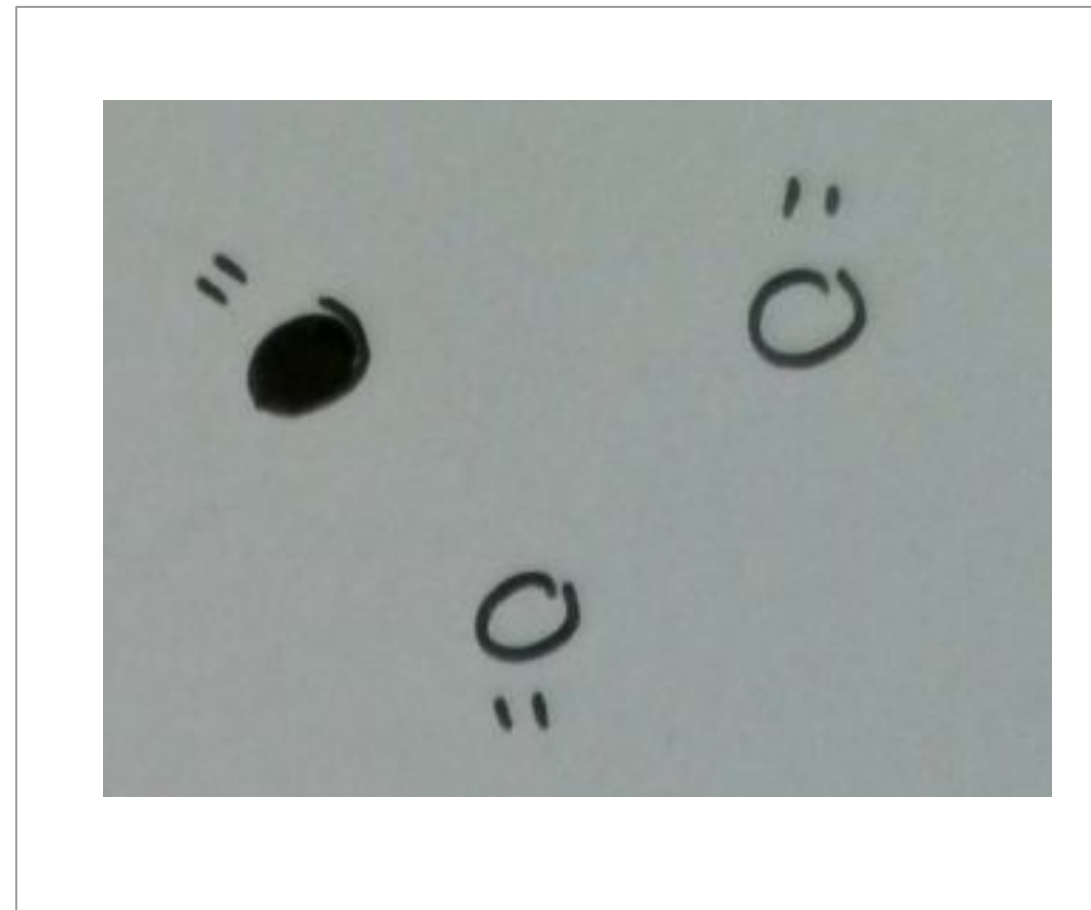
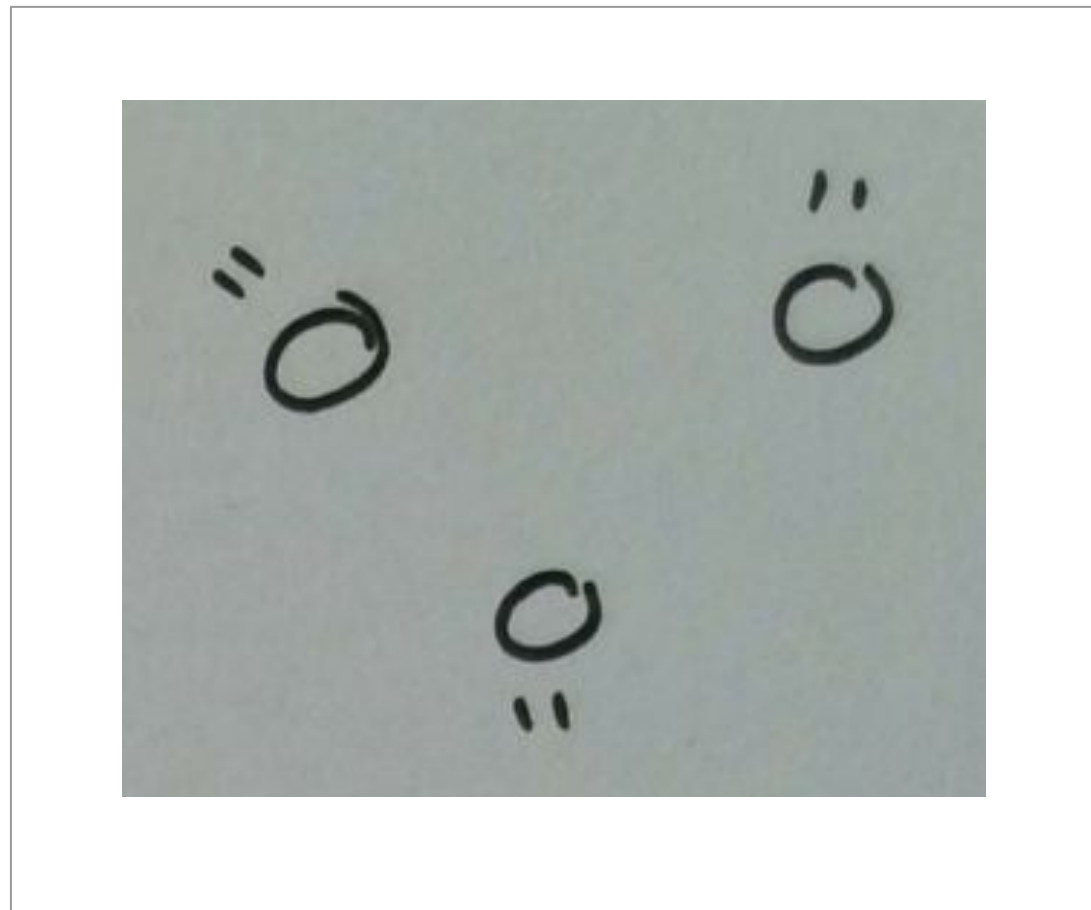
Miss Couves



Which state of matter does each diagram represent?



Which diagram shows a pure gas?



Pure metal or alloy?



Is this a formulation?

When making a cake you always use the same amount of sugar, butter, flour and eggs.



Salt dissolves in water, salt is called...

Option 1

A solution

Option 2

A solvent

Option 3

A solute

Option 4

A formulation



Salt dissolves in water, water is called..

Option 1

A solution

Option 2

A solvent

Option 3

A solute

Option 4

A formulation



Salt dissolves in water, the mixture produced is called..

Option 1

A solution

Option 2

A solvent

Option 3

A solute

Option 4

A formulation



Soluble or insoluble?

1. Sugar is soluble in water, will sugar dissolve in water?
2. Give two examples of insoluble solids.
3. How can a soluble solid be separated from a liquid?
4. How can an insoluble solid be separated from a liquid?



How can we separate sea water?

1. Which solid in the seawater mixture was insoluble?
2. How was the insoluble solid separated?
3. Draw a particle diagram to represent the pure sand that was separated.
4. Which solid in the seawater mixture was soluble?
5. How was the soluble solid separated?
6. Draw a particle diagram to represent the pure salt that was separated.

