

Solids, Liquids and Gases Quick Assessment

Write the state of matter before and after in each situation. The first one has been done for you:

	State of Matter Before	State of Matter After
making ice cubes	Liquid	Solid
the wax of a lit candle		
boiling water		
heating butter		
a puddle drying out		
lava from a volcano cooling		

5 marks

Use the numbers given (not lines) to match each state of matter to its correct properties. Some properties might match to more than one state of matter:

1. liquid

2. gas

3. solid

Fixed shape.

Can flow.

Takes the shape of the container it is in.

Cannot flow.

Can be compressed (squashed).

Cannot be compressed.

9 marks

Learning Objectives:

- I can independently identify solids, liquids and gases in everyday situations.
- I can independently identify the properties of solids, liquids and gases.

Quick Assessment Answers

Write the state of matter before and after in each situation. The first one has been done for you:

	State of Matter Before	State of Matter After
making ice cubes	liquid	solid
the wax of a lit candle	solid	liquid
boiling water	liquid	gas
heating butter	solid	liquid
a puddle drying out	liquid	gas
lava from a volcano cooling	liquid	solid

5 marks

Use the numbers given (not lines) to match each state of matter to its correct properties. Some properties might match to more than one state of matter:

1. liquid

2. gas

3. solid

3

Fixed shape.

1, 2

Can flow.

1, 2

Takes the shape of the container it is in.

3

Cannot flow.

2

Can be compressed (squashed).

1, 3

Cannot be compressed.

9 marks

