



2 States of Matter

1. Complete the sentences:

Matter is anything that occupies and has

Space is measured in, mass is measured in

Matter is made up of or

2. What are the three states matter can exist of?

.....

At normal conditions oxygen is

At normal conditions iron is

At normal conditions water is

At temperatures beneath 0° Celsius water is, it is

3. In **solids** the particles (atoms or molecules) are

They cannot past each other.

4. In **liquids** the particles can, but cannot from the group.

5. In **gases** the particles can

6. Tick what is correct:

- | | |
|--|---|
| <input type="checkbox"/> Solids have a definite shape | <input type="checkbox"/> Solids take the shape of their container |
| <input type="checkbox"/> Fluids have a definite shape | <input type="checkbox"/> Fluids take the shape of their container |
| <input type="checkbox"/> Gases have a definite shape | <input type="checkbox"/> Gases take the shape of their container |
| <input type="checkbox"/> Solids have a definite volume | <input type="checkbox"/> Solids can be compressed |
| <input type="checkbox"/> Fluids have a definite volume | <input type="checkbox"/> Fluids can be compressed |
| <input type="checkbox"/> Gases have a definite volume | <input type="checkbox"/> Gases can be compressed |

7. The transformation from solid to liquid is called

The transformation from liquid to solid is called

The transformation from liquid to gaseous is called

The transformation from gaseous to liquid is called

The transformation from solid to gaseous is called

The transformation from gaseous to solid is called