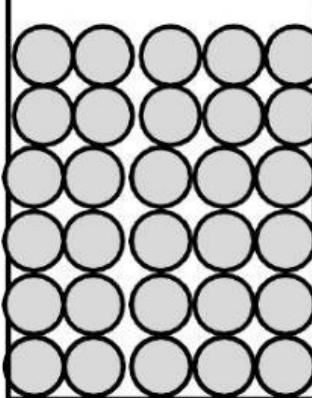


## States of Matter

1. Drag directions: connect the phrase to its proper place.

### Solid

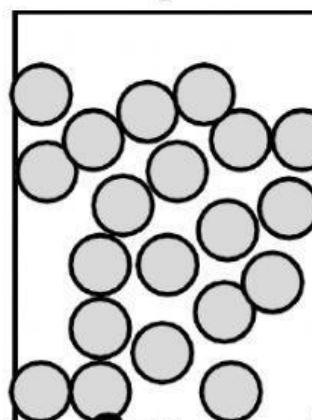


What is the shape of a solid?

What are some examples of solid?

What type of volume is solid?

### Liquid

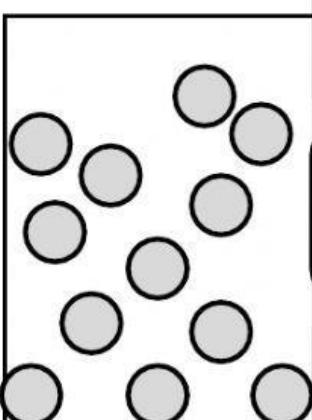


What is the shape of liquid?

What are some examples of a liquid?

What type of volume is a liquid?

### Gas



What is the shape of a gas?

What are some examples of gas?

What type of volume is gas?

### Phrase Bank:

Shape does not change

Lemonade, soda, paint, soap

Takes the shape of its container

Ice cube, pencil, paper, robot, dog

Takes the shape of its container

Volume does not change

Volume changes

Oxygen, helium, carbon dioxide

Volume does not change

## Water changes state

2. Drag on the line the correct water change state. Use the words from the box. (See p. 16 in the Science book)

Freezing

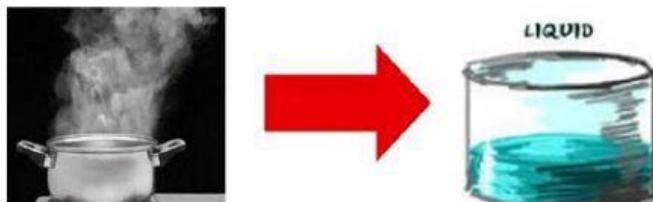
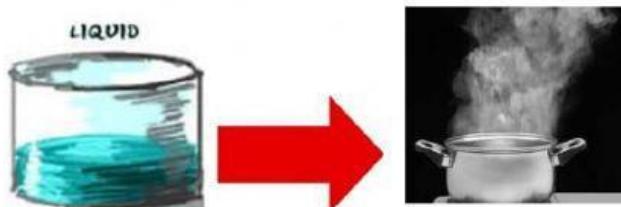
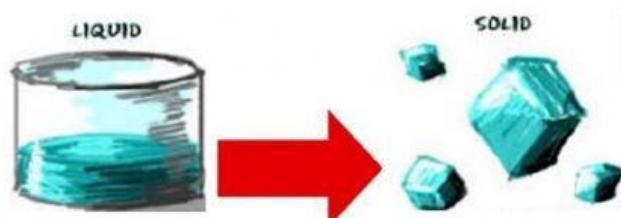
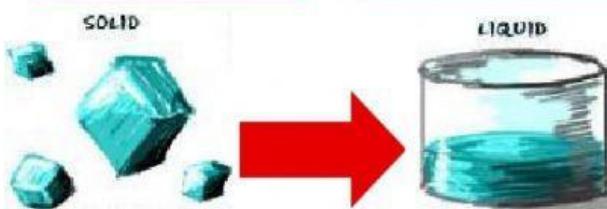
condensation

vaporization

fusion

Deposition

sublimation



## 3. Heat and changes in the state of substances

The three states of substances are ..... Substances can change in state when heated. When a solid turns into a liquid, this is called..... When a liquid turns into a gas, this is called ..... When a gas turns into a liquid, this is called ..... When a liquid turns into a solid, this is called ..... The heat that changes the state of a substance to another state but the temperature of which is constant is called .....