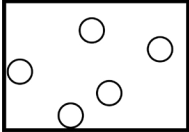
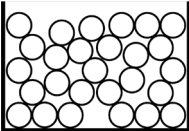
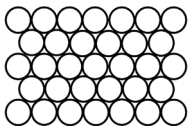
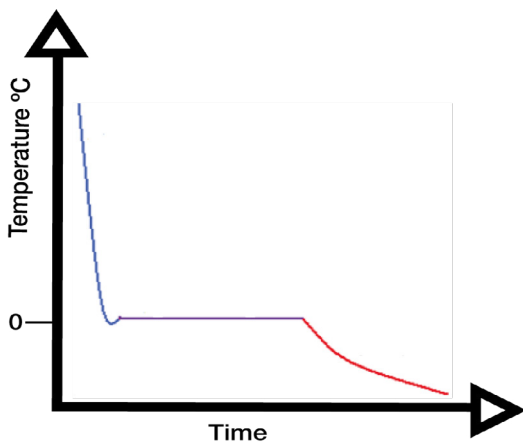


# The states of matter

Match the state of matter with the correct diagram and description.

Solid		Particles are spread out and can move about quickly in all directions.
Liquid		Particles are closely packed in a regular position. They can vibrate on the spot.
Gas		Particles are close together. But random. They can move over each other.

## Cooling curve for water



### Look at the graph

- ① Describe the trend shown in the graph.
- ② Mark on the graph where water will be a solid, liquid and gas.
- ③ Explain why you have chosen to mark solid, liquid and gas where you have.