

# Matter

## 1. Particle model

### CONCEPT 4

### TEST YOURSELF

#### CHANGES OF STATE

##### KNOW

- Q1 What is a change of state?
- Q2 What is the name of the process where a solid turns into a liquid?
- Q3 What is the name of the process where a liquid turns into a gas?
- Q4 What is the name of the process where a gas turns into a liquid?
- Q5 What is the name of the process where a liquid turns into a solid?
- Q6 What is the name of the process where a solid turns into a gas?

##### APPLY

- Q7 What happens to the properties of the particles when a substance reaches its melting point?
- Q8 What happens to the properties of the particles when a substance reaches its boiling point?

##### EXTEND

- Q9 What is the difference between evaporating and boiling?