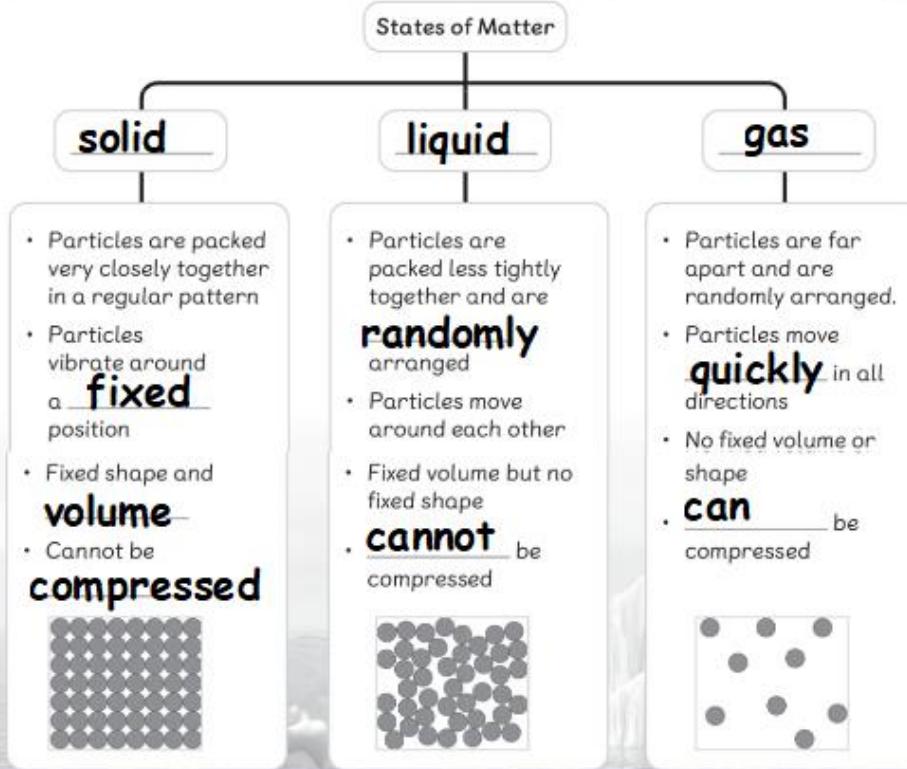


Let's Map It!

Fill in the blanks. Use the following words.

can cannot compressed condensation
evaporation fixed gas gain liquid
lose quickly randomly solid volume



During **condensation** the particles in a gas **lose** heat, forming water droplets.

During **evaporation**, the particles in a liquid **gain** heat, forming water vapour. This process occurs at all temperatures.

Let's Review

1 Which of the following statements about particles in **solids** is **false**? Circle the letter.

- a The particles in solids are closely packed together.
- b** The particles in solids can move around freely.
- c The particles in solids vibrate around a fixed position.

2 Armeen poured some lavender oil into an oil burner. She heated it with a candle.

When asked about state change you need to tell the reader from which state to which state

Ex:
from liquid to gas

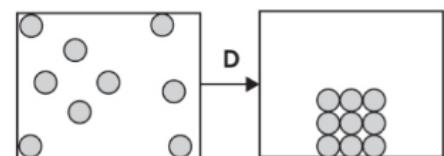
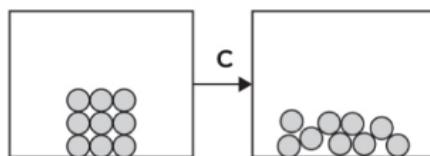
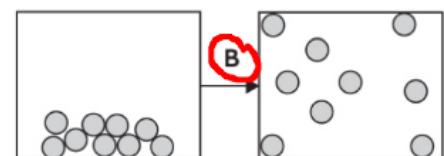
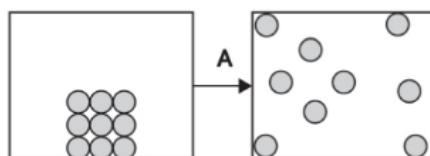


When asked about process write the name of it

ex: evaporation

The oil changed its state.

Circle the letter that represents this change of state.



3 Identify whether a substance is a solid, a liquid or a gas when the arrangement of particles is:

a far apart and random. gas

b close together but random. liquid

c close together in a regular pattern. solid

4 Ming left a glass of water under the Sun for three days.



a What happened to the volume of water in the glass after three days? Circle the correct answer.

decreased

increased

remained the same

b Circle the process that resulted in the change in a.

condensation

evaporation

melting