

STATES OF MATTER

Chapter 7 & 8



Use the information below to answer the
exercises

Fill in the blanks

1. Matter is anything that has _____ and takes up _____.
2. Matter is made up small particles called _____.
3. Matter can be found in three states _____, _____, _____.
4. The particles in a solid are really close together. For this reason, solids have a definite _____ and mass.
5. The particles in _____ have a little bit of space between them and can move more freely. For this reason, liquids have a definite mass and take the _____ of the container their in.
6. The particles in _____ are really far apart and can move freely. For this reason, gases do not have a definite size or shape. That is why you can walk through without noticing it.

Match the following concepts

When energy is applied to solids, they can turn into liquids. This is called:

When energy is applied to liquids, they can turn into gas. This is called:

When a gas is cooled it can turn into a liquid. This is called:

When a liquid is cooled it can turn into a solid. This is called:

Solidification

Fusion

Evaporation

Condensation

Label the steps of the water cycle

