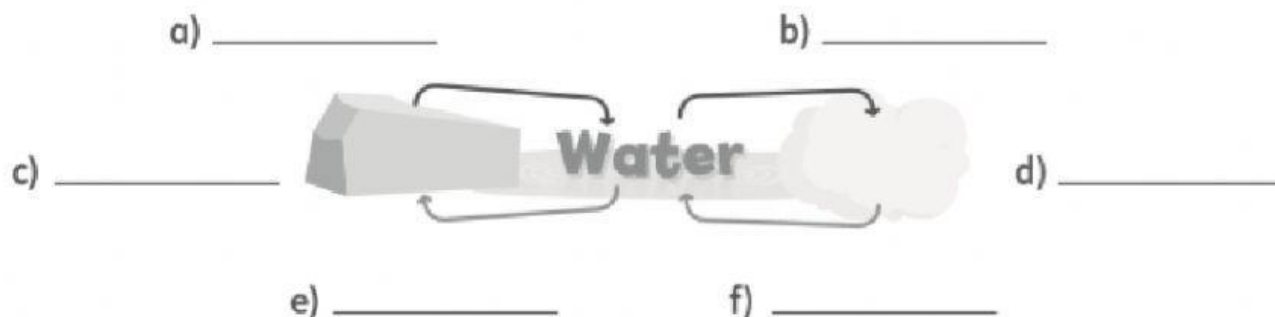


Look at the items below and determine whether they are solids, liquids, or gases.

1. 	2. 	3. 	4. 
solid liquid gas	solid liquid gas	solid liquid gas	solid liquid gas
5. 	6. 	7. 	8. 
solid liquid gas	solid liquid gas	solid liquid gas	solid liquid gas

1 Label the diagram with the words in the box.

ice water vapour melting condensation evaporation freezing

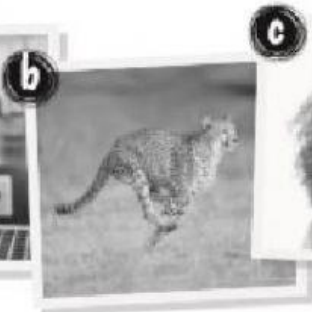


6 Read and circle true (T) or false (F).

- | | |
|---|-------|
| a) If we freeze water, it changes into a gas. | T / F |
| b) Solids have a definite shape. | T / F |
| c) The three states of water are ice, water and water vapour. | T / F |
| d) Liquids do not have a definite volume. | T / F |

3 Complete the sentences with the words in the box.

sound energy kinetic energy thermal energy
electrical energy light energy



- a) A smartphone uses _____ .
b) Moving things have _____ .
c) A trumpet produces _____ .
d) A torch produces _____ .
e) A radiator produces _____ .

2 Match the phrases to make sentences about the different forms of energy.

- | | |
|--|--|
| a) Anything that is hot ☐ | ☐ with electrical energy. |
| b) We can make many machines work ☐ | ☐ and light energy. |
| c) Anything that we can hear ☐ | ☐ has kinetic energy. |
| d) Anything that moves ☐ | ☐ contains thermal energy. |
| e) The sun produces thermal energy ☐ | ☐ has sound energy. |

5 Look and write C (conductor) or I (insulator).









4 Read and circle the correct word.

- a) A substance can change state because of this type of energy.
- b) Thermal energy passes through these materials quickly.
- c) Something made up of more than one material is called this.

Thermal / Sound

Insulators / Conductors

Mixture / Substance

4 Look and classify the mixtures in the table.



fruit salad



paella



milkshake



ice cream



ketchup



hot
chocolate



curry



coffee

We can see the different substances.	We cannot see the different substances.
	<u>milkshake</u>