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 |

a) _____   b) _____
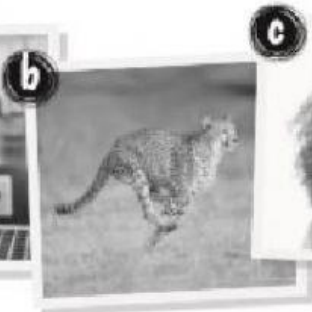
c) _____   Water   d) _____

e) _____   f) _____
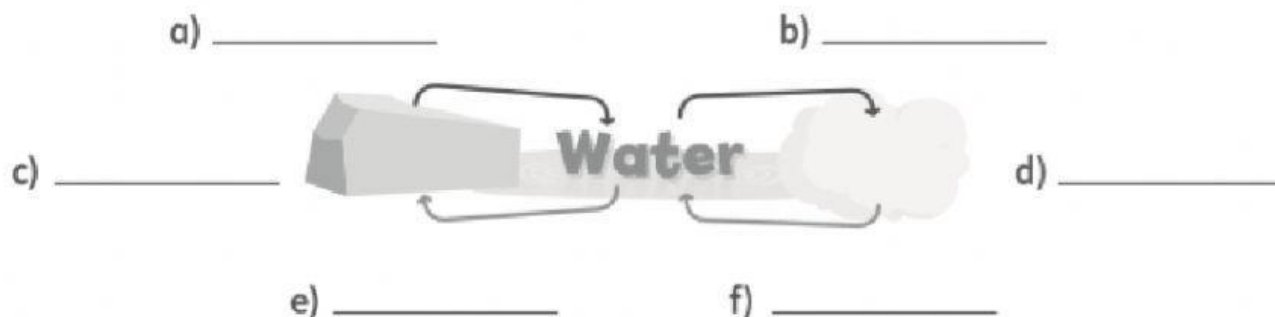
6 **Read and circle true (T) or false (F).**

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 O   O with electrical energy.

b) We can make many machines work O   O and light energy.

c) Anything that we can hear O   O has kinetic energy.

d) Anything that moves O   O contains thermal energy.

e) The sun produces thermal energy O   O has sound energy.

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

____   ____   ____   ____
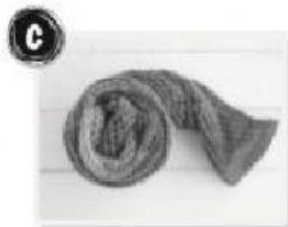
4 **Read and circle the correct word.**

a) A substance can change state because of this type of energy.

Thermal / Sound

b) Thermal energy passes through these materials quickly.

Insulators / Conductors

c) Something made up of more than one material is called this.

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.
_____	___milkshake___
_____	_____
_____	_____
	_____