

UNIT 5 END-OF-UNIT TEST

Name: _____

Class: _____

1 Complete the sentences about the properties of materials.

resistant absorbent flexible fragile rigid waterproof

a A kitchen sponge  is _____ because it can soak up water.

b An umbrella  is _____ because it repels water.

c A can  is _____ because it does not change shape easily.

d A rubber band  is _____ because it changes shape easily.

e A glass jar  is _____ because it breaks easily.

f A stone wall  is _____ because it does not break easily.

2 Choose the correct word to make sentences about mixtures.

- a** You **can** / **cannot** see the different types of matter in a salad.
- b** You **can** / **cannot** see the different types of matter in a cup of coffee with milk.
- c** You **can** / **cannot** the different types of matter in a bowl of cereal with milk.
- d** You **can** / **cannot** see the different types of matter in seawater.

3 Do they have a definite shape and volume? Put a tick or a cross.

	solid	liquid	gas
definite shape	✓		
definite volume			

4 What is the name of the process?










- a The process when water changes from a liquid to a solid. f _____
- b The process when water changes from a solid to a liquid. m _____
- c The process when water changes from a liquid to a gas. e _____

5 Write *solid, liquid or gas*.



6 Order and label the methods of separating materials in a mixture.

sieving filtering evaporating

a _____			
b _____			
c _____			

7 Complete the sentences with the forms of energy.

sound electrical kinetic light thermal

- a** The sun produces _____ energy and _____ energy.
- b** A guitar is an example of something which produces _____ energy.
- c** Anything which is moving such as a person rollerblading produces _____ energy.
- d** Most appliances in houses need _____ energy to function.

8 Write two types of energy for each photo.



9 Circle words to make correct sentences.

- a** Electricity passes through electrical **insulators** / **conductors** very easily.
- b** Electrical conductors **allow** / **do not allow** electricity to pass through them.
- c** **Metal** / **Wood** is a very good electrical insulator.
- d** **Water** / **Plastic** is a very good electrical conductor.

10 Match the material to the colour of the recycling container.

paper	glass	plastic	organic material
●	●	●	●
blue	grey	yellow	green
●	●	●	●