

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

**1 Use the words to fill in the blank. [5]**

paper soap rock glass fabric			
flexible, made into clothes	hard, found in the ground	_____	white, we draw on it
_____	we drink it, it is clear	lots of colours	plastic
	water	we use it to wash	_____
hard, found in the ground	wood	see-through	shiny and cold to touch
		_____	metal

**2 Choose the most appropriate answer. [2]**

1. A blanket is .....  
A. strong                  B. hard                  C. soft                  D. see-through
2. .... is flexible, made into clothes.  
A. metal                  B. fabric                  C. paper                  D. wood

**3 Write true (T) or false (F).**

- a) Materials can be sorted into groups based on their properties. .... [1]
- b) Copper is a magnetic material. .... [1]  
Magnet can be used to separate magnetic materials from  
c) non-magnetic materials. .... [1]

**4**

The table shows some materials and their properties.

Complete the table.

Two have been done for you.

material and object	property of material		
	is it flexible?	is it hard?	is it transparent?
glass window	.....	.....	.....
wool clothes	.....	no	.....
plastic bag	.....	.....	yes

[3]

5

The table shows the properties of some materials.

material	properties			
	is it strong or weak?	does it conduct electricity?	does it conduct heat?	does it have a high melting point?
A	strong	yes	yes	yes
B	weak	yes	yes	yes
C	weak	no	no	no
D	strong	no	no	yes
E	weak	yes	yes	no
F	strong	yes	no	yes

(a) Which material conducts heat and has a **low** melting point?

.....

[1]

(b) Metals conduct electricity and heat.

Which **three** materials are metals?

..... [2]

6

Jamila has seven different materials.

The table shows some properties of these materials.

material	is it flexible?	does it conduct electricity?	is it strong?	is it shiny?
<b>A</b>	yes	yes	yes	yes
<b>B</b>	no	no	no	no
<b>C</b>	no	no	yes	yes
<b>D</b>	yes	yes	no	yes
<b>E</b>	yes	no	no	no
<b>F</b>	no	yes	no	yes
<b>G</b>	no	no	yes	yes

(a) Jamila sorts the materials into two groups.

Group 1 contains materials **A**, **C** and **G**.

Group 2 contains materials **B**, **D**, **E** and **F**.

Which property did Jamila use to sort the materials?

..... [1]

(b) Ahmed sorts the materials in a different way.

In group 1 all the materials are shiny.

Which materials are in this group?

..... [1]