

**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

shiny and  
cold to touch

hard, found  
in the  
ground

wood

see-through

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]
- c) Magnet can be used to separate magnetic materials from 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]

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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]

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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? |
|----------|-----------------|------------------------------|---------------|--------------|
| A        | yes             | yes                          | yes           | yes          |
| B        | no              | no                           | no            | no           |
| C        | no              | no                           | yes           | yes          |
| D        | yes             | yes                          | no            | yes          |
| E        | yes             | no                           | no            | no           |
| F        | no              | yes                          | no            | yes          |
| G        | 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]