

# Paper, Board and Timber

**Warm-Up**

Wood can be classified as a hardwood or softwood. Fill in the table below to sort the following types of wood into softwoods and hardwoods.

pine	oak
balsa	
beech	larch
spruce	
ash	mahogany

Softwood	Hardwood

1 What type of board is made up of expanded polystyrene sandwiched between two thin layers of card?

- A Corrugated cardboard
- B Solid white board
- C Duplex board
- D Foam core board

[1 mark]

2 A designer wants to make an accurate copy of a design drawing.

Which **one** of the following types of paper would most commonly be used for this purpose?

- A Isometric grid paper
- B Layout paper
- C Cartridge paper
- D Tracing paper

[1 mark]

3 State **one** property and **one** use for balsa wood.

Property: .....

Use: .....

[2 marks]

4 State **two** properties of oak that make it suitable for use in flooring.

1. ....

2. ....

[2 marks]

5 Hardwood has some different properties to softwood.

State **two** ways in which the physical or working properties of hardwood and softwood commonly differ.

- 1. ....
  - 2. ....
- [2 marks]

6 Larch is a wood that is often used as cladding to cover the outside of buildings.

Give another use of larch. State a property that makes it suitable for this purpose.

- Use: .....
- Property: .....
- [2 marks]

7 Which **one** of the following statements is **true**?

- A Ink jet card is designed to let the ink bleed when used with an ink jet printer.
  - B Solid white board is bleached white to make it suitable for printing on.
  - C Isometric grid paper has grid squares printed onto it to make it suitable for orthographic and scale drawings.
  - D Cartridge paper has a textured surface that can only be drawn on in pencil.
- [1 mark]

8 **Figure 1** shows a take-away food box.



**Figure 1**

a) Suggest a type of board that the box shown in **Figure 1** is made from.

.....  
[1 mark]

b) Give a reason for your answer to part a).

.....  
.....  
[1 mark]

Score:  / 13

