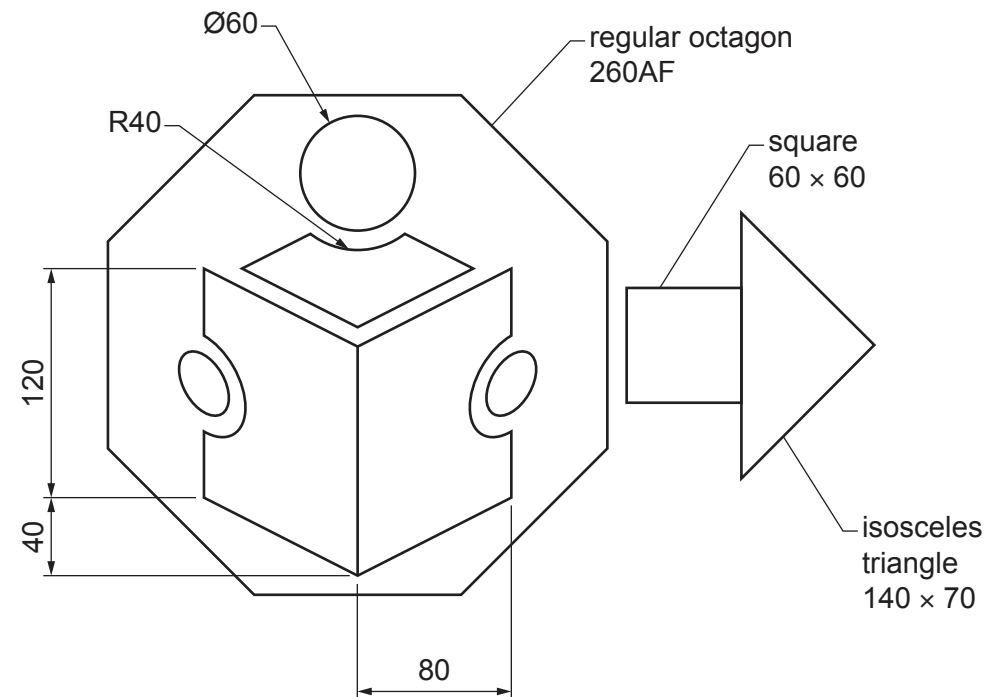


Section A

Answer **all** questions in this section.

A1 A sign for a library is shown.

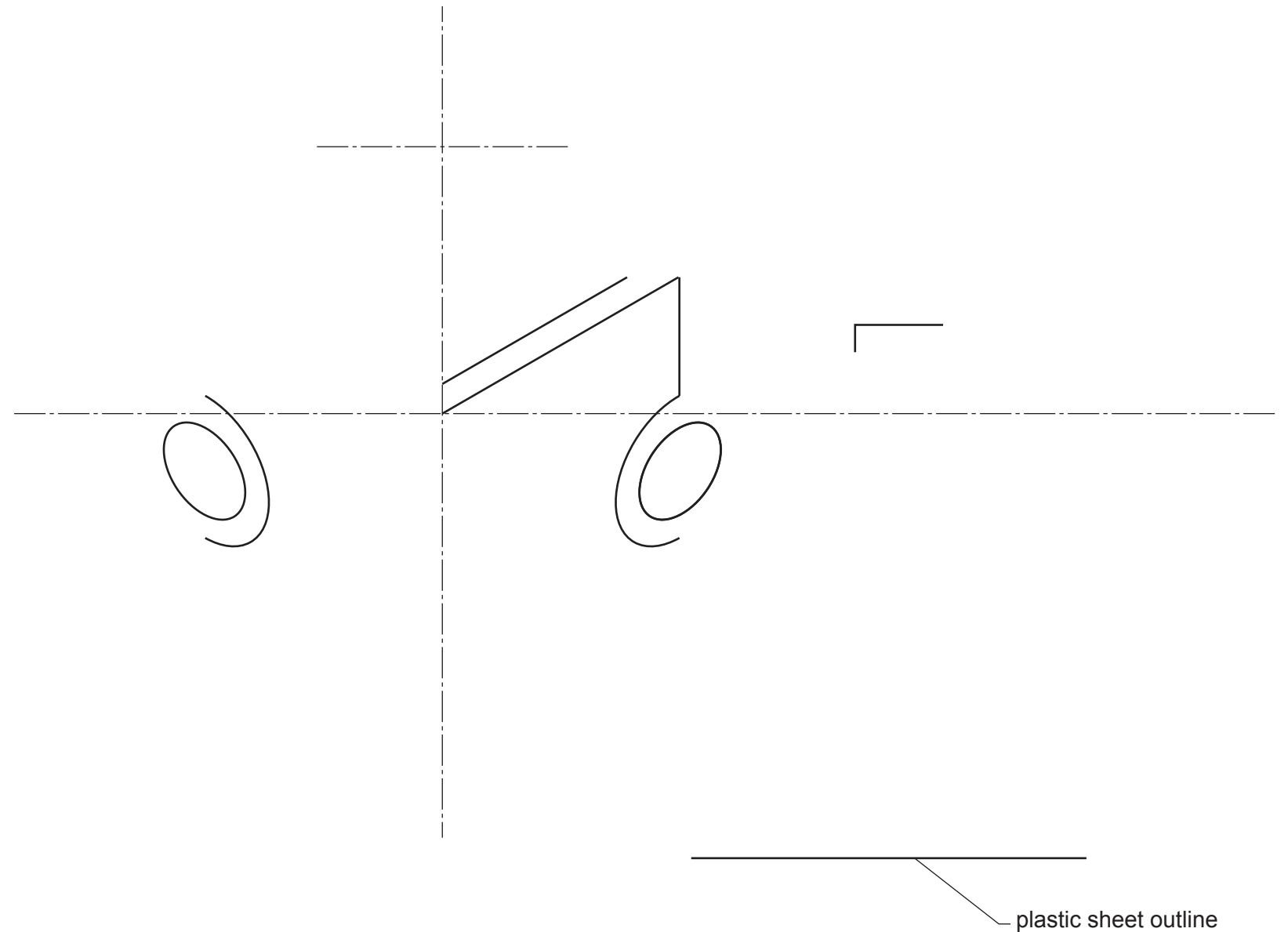


(a) Complete the drawing of the sign to a scale of 1 : 2 by adding:

- (i) the circle [1]
- (ii) the body shape [3]
- (iii) the book shape [4]
- (iv) the outer octagon. [3]

(b) Complete the drawing of the arrow to a scale of 1 : 2 by adding:

- (i) the square [2]
- (ii) the isosceles triangle. [2]

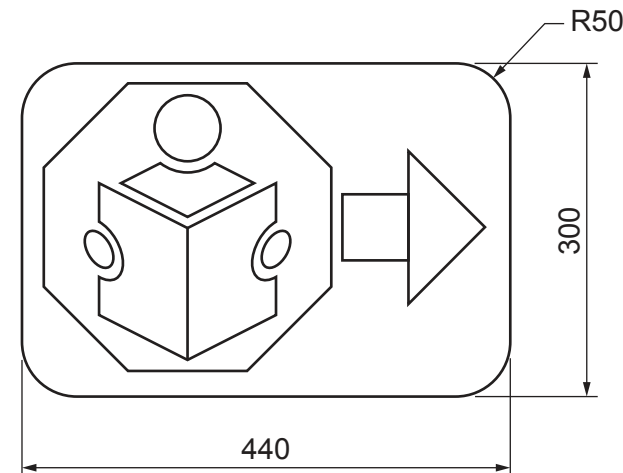


A2 The sign will be printed onto a plastic sheet.

The dimensions of the plastic sheet are shown.

The sign will fit centrally onto the plastic sheet.

Complete the outline of the plastic sheet around the sign drawn in question **A1** to a scale of 1 : 2. [4]



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May/June 2026

1 hour



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Centre Number

Candidate Number

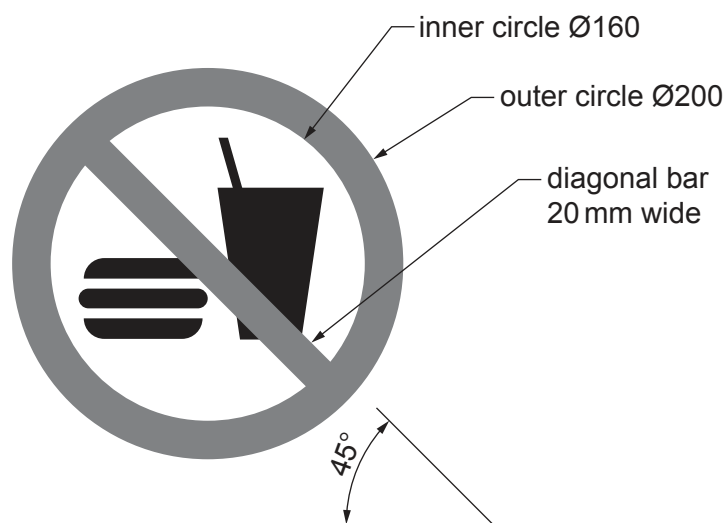
Candidate Name [Turn over]

For Examiner's use

A3 Two signs that are displayed in the library are shown.



No mobile phones

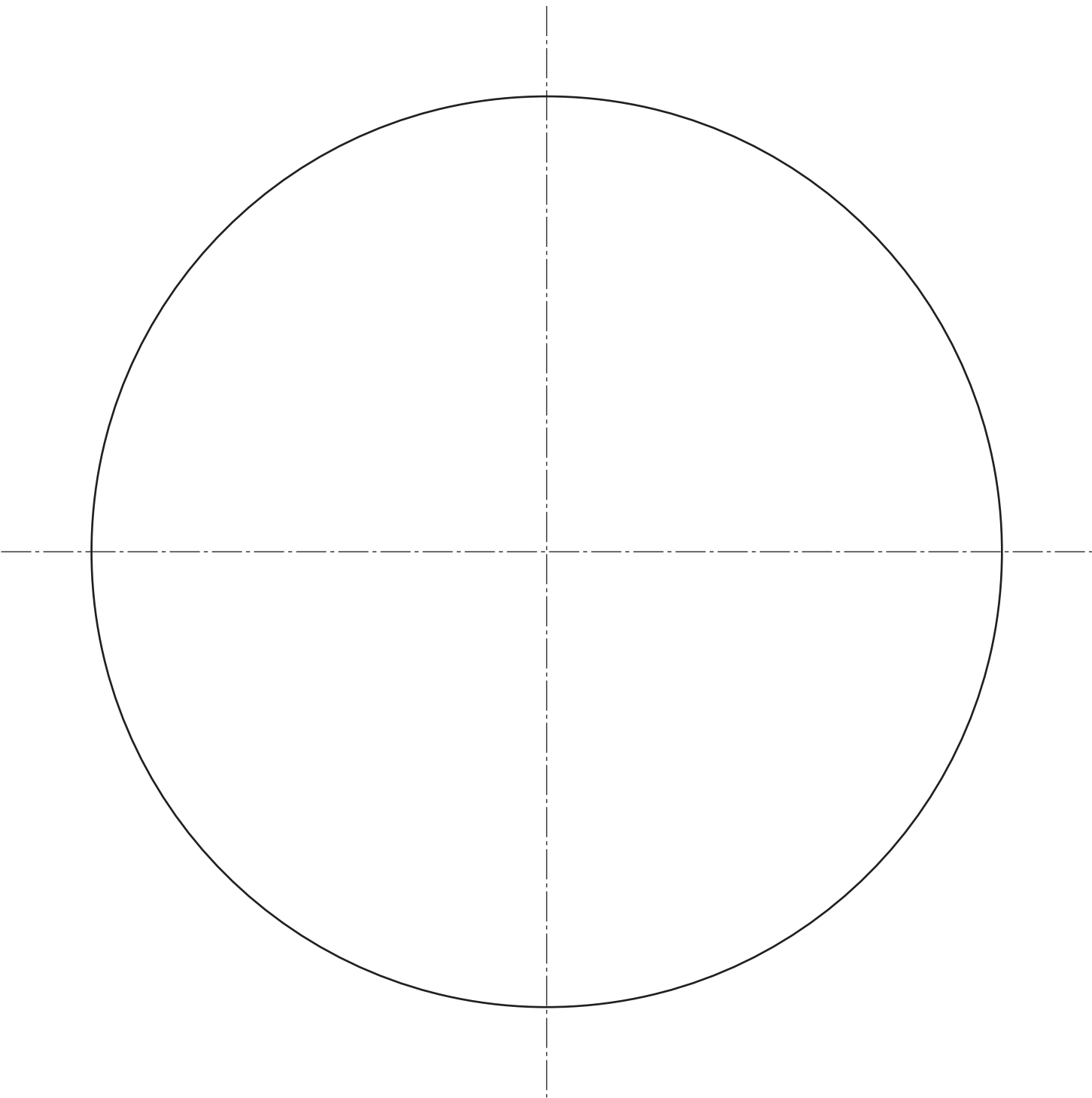


No food or drink

A sign for 'No talking' is also required in the library.

The inner circle of the sign is shown.

- (a) Sketch a design for a 'No talking' sign inside the inner circle. [3]
- (b) Complete the 'No talking' sign by adding the outer circle and diagonal bar. [3]



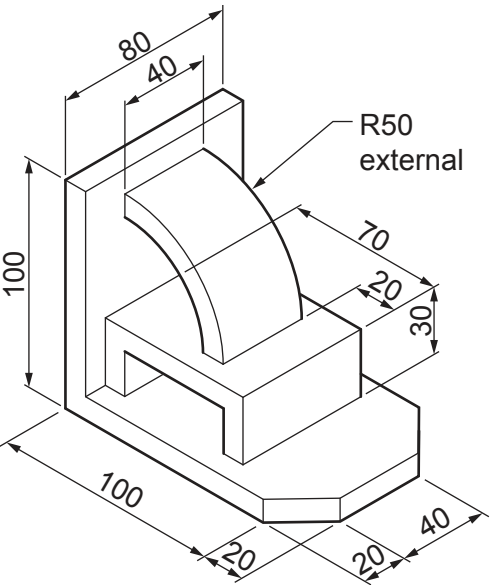
'No talking' sign

Section B

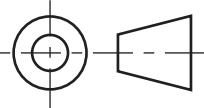
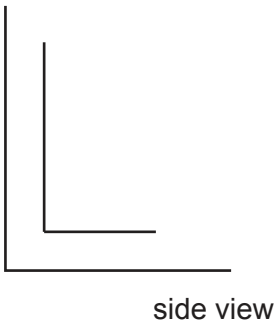
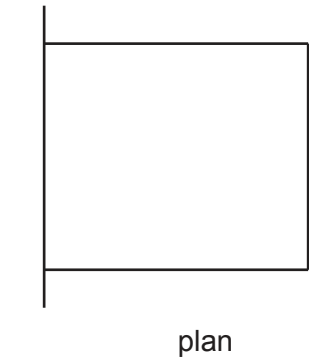
Answer **one** question, **either** Question **B4** or **B5**, from this section.

B4 An isometric view of a bookend is shown.

The bookend is made from 10 mm thick hardwood.

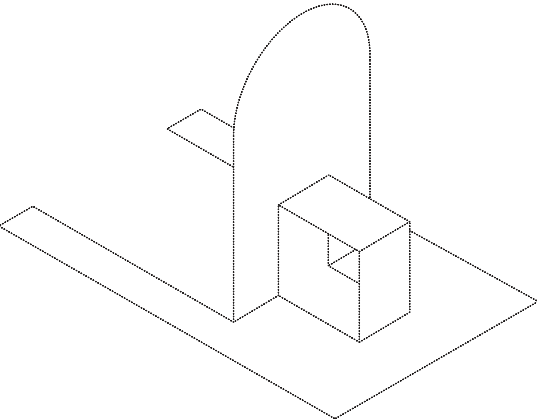


(a) Complete the orthographic views of the bookend to a scale of 1 : 2. Include hidden detail. [13]



development (net)

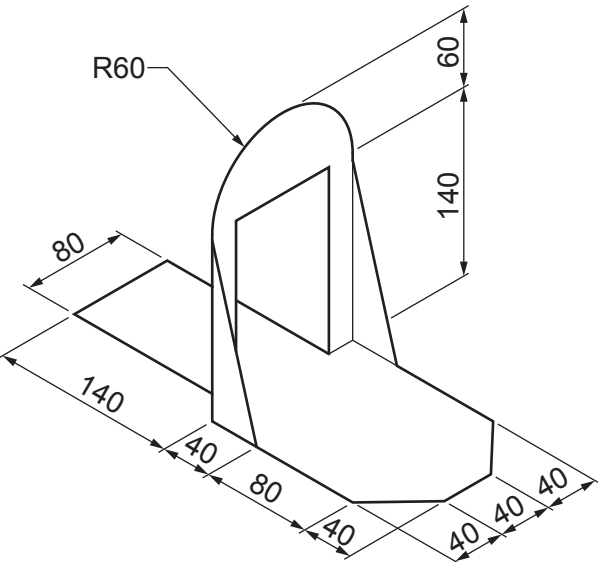
(b) Another bookend is shown. The bookend is made from thin acrylic sheet heated and bent into shape.



- (i) Apply thick and thin line technique to the bookend. [3]
- (ii) Complete the table below to show one tool / item of equipment for each stage of the making process. [2]

process	tool/item of equipment
cutting out the shape from acrylic	Coping saw
finishing the edges	
heating and bending the acrylic sheet into shape	

(c) The dimensions of another acrylic bookend are shown.



Complete the development (net) of the acrylic bookend to a scale of 1 : 2. [5]

(d) The acrylic bookend could be drawn and cut out using CAD/CAM.

Describe **one** benefit of using CAD to draw out the development (net) of the bookend.

.....

.....

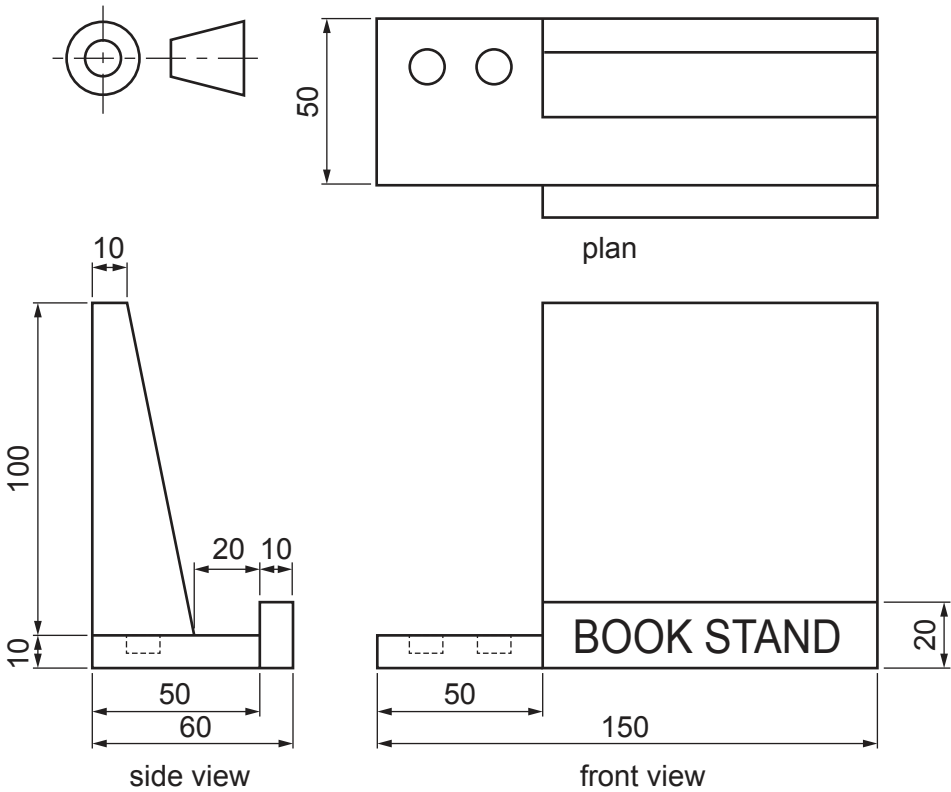
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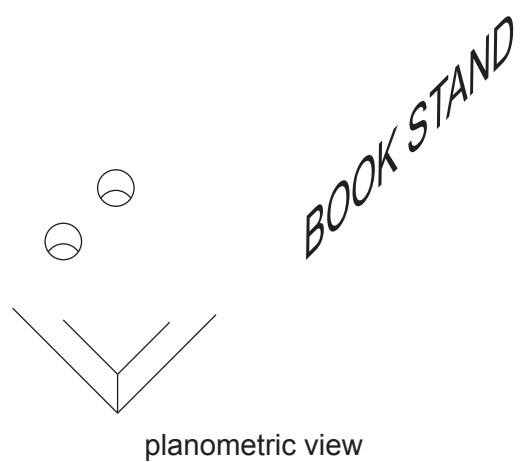
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..... [2]

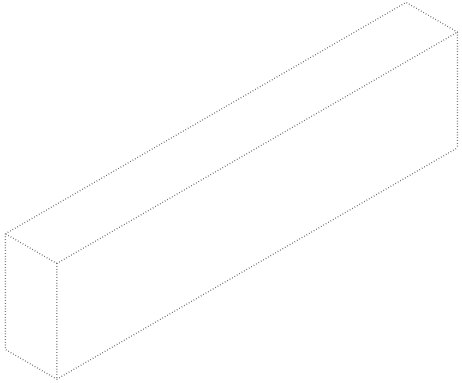
B5 Orthographic views of a design for a book stand are shown.



(a) Complete the planometric view of the book stand design to a scale of 1 : 2. [12]



(b) The book stand will be made from hardwood. Render the block to look like hardwood. [3]



(c) A model of the book stand will be made from three pieces of Styrofoam.

(i) Describe **one** reason for making a model of the book stand.

.....

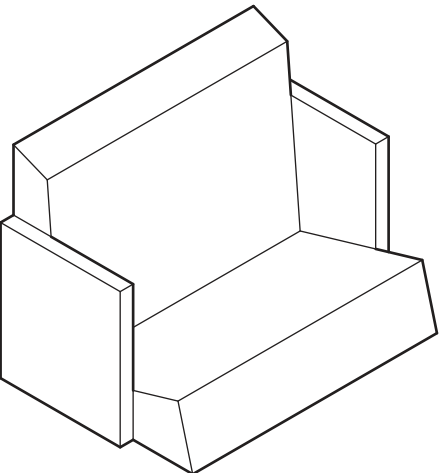
.....

..... [2]

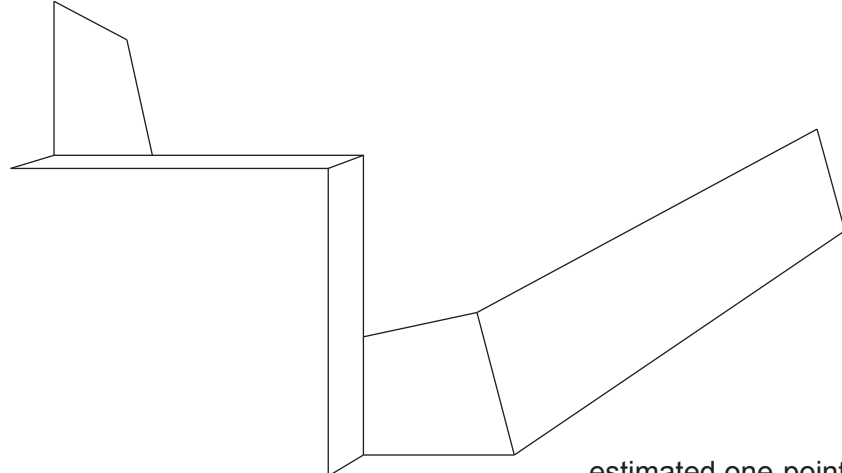
(ii) State **one** property of Styrofoam that makes it suitable for the modelling of products.

..... [1]

(d) A bookcase is shown.



Complete the estimated one-point perspective view of the bookcase. [7]



estimated one-point perspective