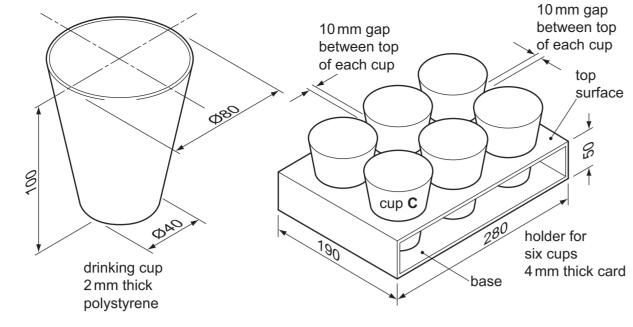


3 A pictorial view of a drinking cup and a holder made from card is shown to the right.

The drinking cups are made from 2 mm polystyrene and sit on the base of the card holder.

The drinks tray is made from 4 mm thick card.

- (a) Draw to a scale of 1:2 in the space below:
 - (i) a plan view and a front elevation of the drinks tray. Include a symbol to show what angle of orthographic projection you have used; [6]
 - (ii) the centre positions of the six holes with drinking cup **C** in position on the plan view;
- (iii) drinking cup C in position on the front elevation;
- (iv) the correct size hole that is needed in the top surface to support the drinking cup in one of the five remaining positions on the plan view. [2]
- (b) In the space indicated, draw a pictorial sketch of a modification to the tray that would make it easier to carry with one hand. [4]



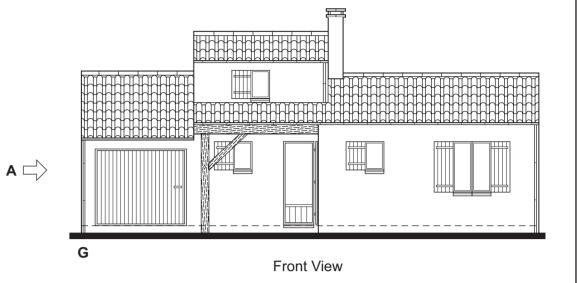
www.papaCambridge.com 4 Two orthographic views of a house design are given below. The Architect wants a pictorial sketch of the house design to show to clients In the space below the two orthographic views, sketch freehand approximately to the same size as the given views, an isometric view.

Do not include details of the roof tiles.

View from arrow A

Windows, doors and shutters should be shown simply and clearly. The starting point **G** is given for you.

G



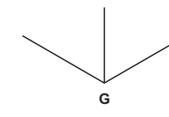
Answer part (a) here.

SCALE 1:2

Answer part (b) here.

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