

Design & Technology

A-Level

Design Decisions

Multiple Choice

Materials required for questions

- Pencil
- Rubber
- Calculator

Instructions

- Use black ink or ball-point pen
- Try answer all questions
- Use the space provided to answer questions
- Calculators can be used if necessary
- Use a cross in the box to mark you answer



Advice

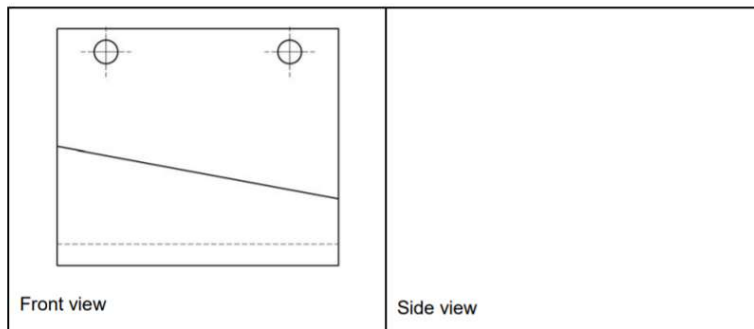
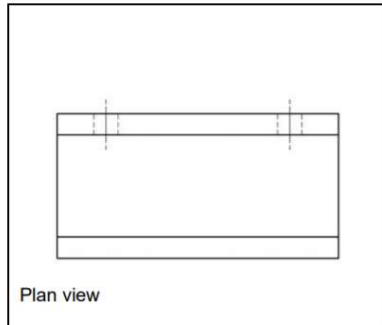
- Marks for each question are in brackets
- Read each question fully
- Try to answer every question
- Don't spend too much time on one question

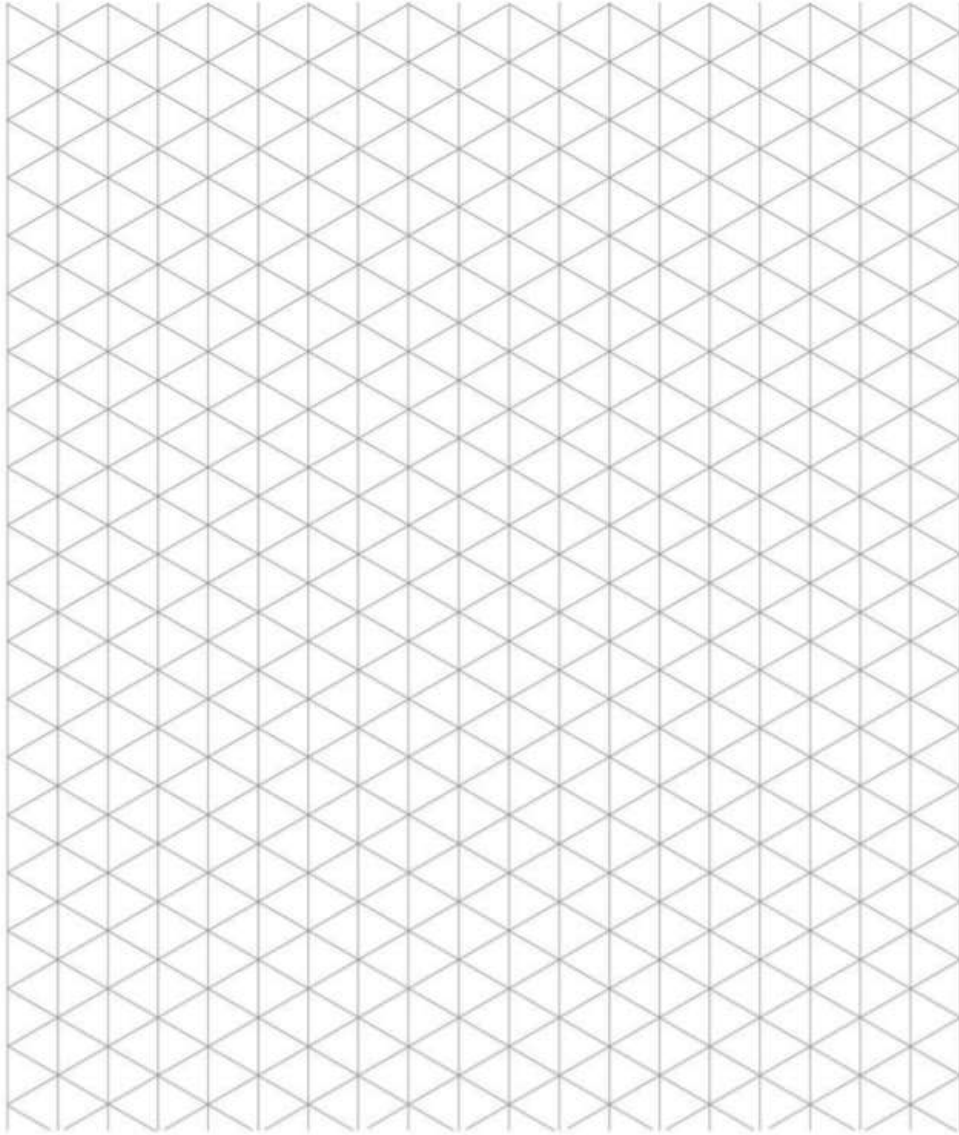
Good luck!

Q1.

Below is a drawing of a storage rack for letters.

Complete the third angle orthographic projection by adding a side view and isometric drawing of the shape in the boxes provided. **(5 marks)**





Isometric drawing

Answers

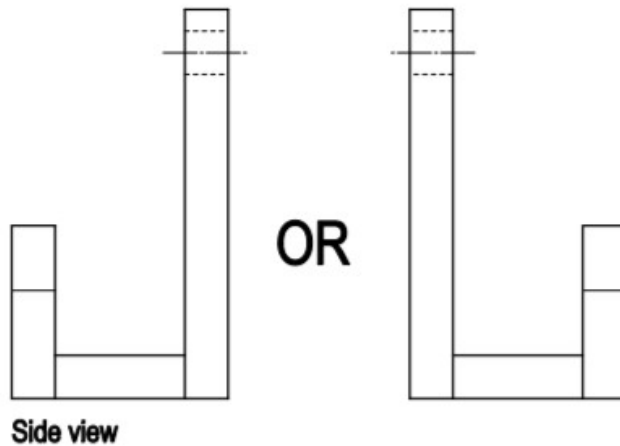
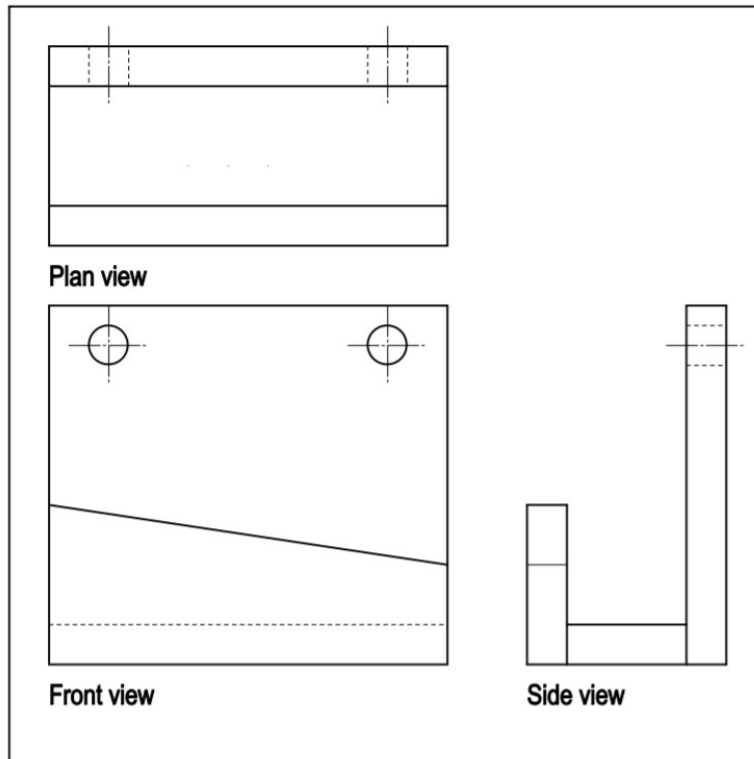
Q1.

Side view:

1 mark – shape is correct (1st or 3rd angle/reward mirror image/either way round – see below)

1 mark – hole hidden detail (**use of dotted lines**) is correct

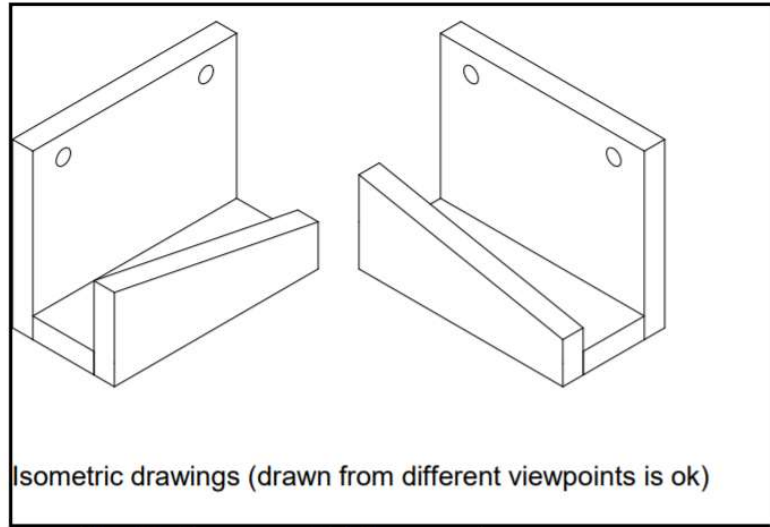
Look for a 'J' shape



Isometric drawing: NB Image is indicative of correct image from one corner only. A candidate may have drawn shape correctly from a different view point and full credit is available if it satisfies the criteria below.

Drawing must be isometric, not perspective, oblique etc

1 mark – general shape is correct (slope and holes etc) 1 mark – slope on front section drawn correct way round 1 mark – holes are in correct place



Do not penalise if holes are not totally correct.
Accept circular or elliptical holes