

Question 4. Two orthographic views of a Balsa R46 Wood Glider are given on the right. An incomplete isometric view of the glider is given below. On the given start lines and using the given dimensions, complete the isometric drawing. (16 marks) 18

Question 5. The three standard ISO pictograms shown below are designed to help travellers find their way in airports. In the space provided below, design a pictogram that indicates:

DEPARTING AEROPLANE FLIGHTS

Note: Shade your drawing to match the given pictograms.

(14 marks)



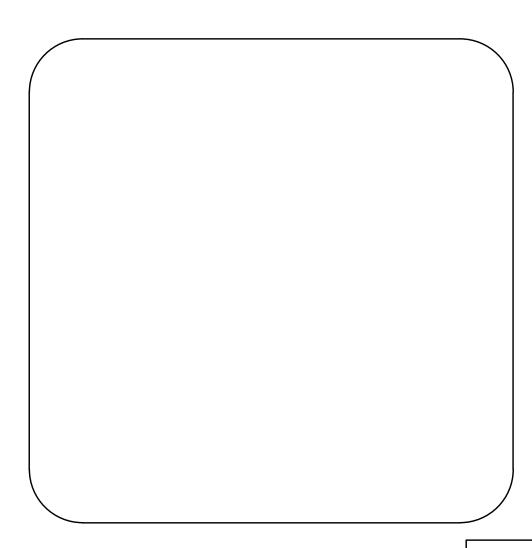




CUSTOMS

TICKET PURCHASE

HELICOPTER



DEPARTING AEROPLANE FLIGHTS

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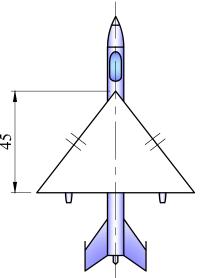
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Question 6. The drawing of a military jet is shown on the right. The start lines of the same drawing are given below.

- a. Complete the wings of the jet by constructing an isosceles triangle which has a perimeter of 184mm and the vertical height of 45mm.
- b. Complete the drawing.

Note: Leave all construction lines visible. (10 marks)



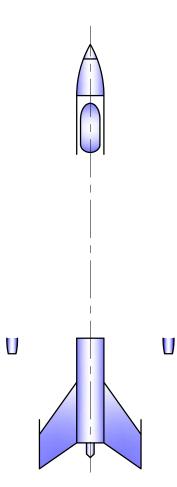
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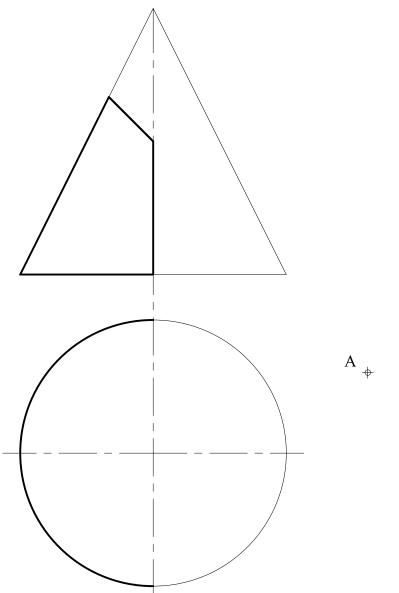
Question 7. The windshield of a model aeroplane consists of a cut cone. A complete front elevation and an incomplete plan of the truncated cone are given below. In the space provided:

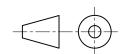
- a. Complete the plan.
- Construct the surface development of the windshield.

(14 marks)









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