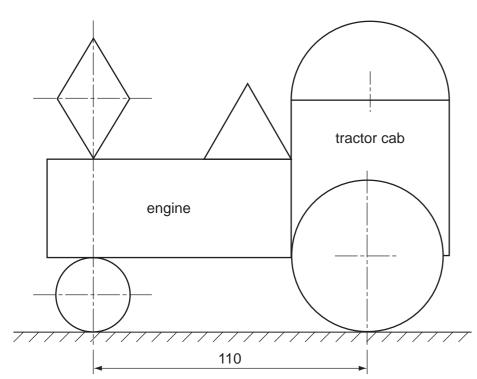
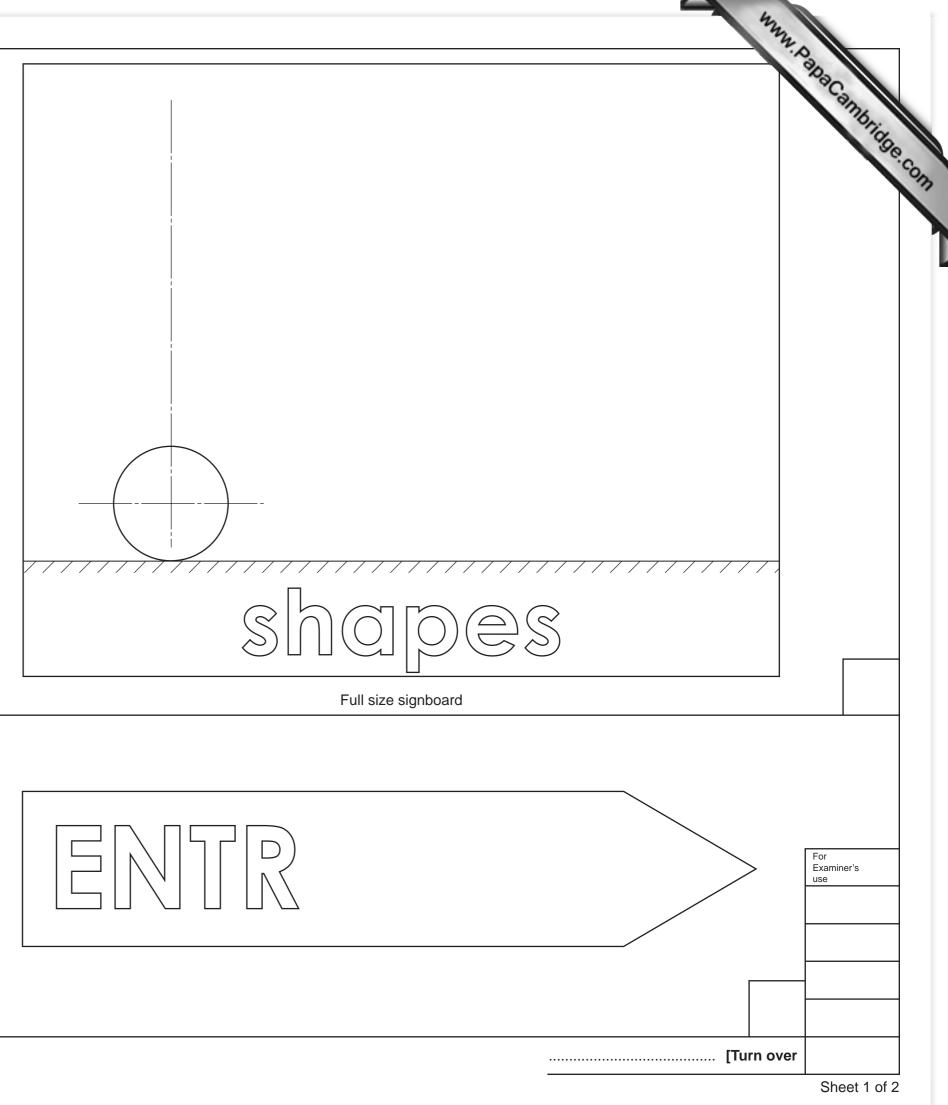
A1 The sketch below shows a logo design for a pre-school Nursery called 'shapes'. The logo is an arrangement of shapes representing a tractor.



Draw on the full size signboard in the space provided:

- the rear wheel Ø60; •
- the rectangular engine 100×40 ; •
- the square tractor cab 64 side; ٠
- the semi-circular roof of the cab; •
- the diamond chimney 50×30 diagonals; •
- the equilateral triangle 35 side. •

[9]

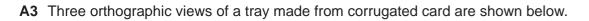


A2 An incomplete direction sign for 'ENTRANCE' is drawn to the right.

Complete the direction sign by adding the four remaining letters.

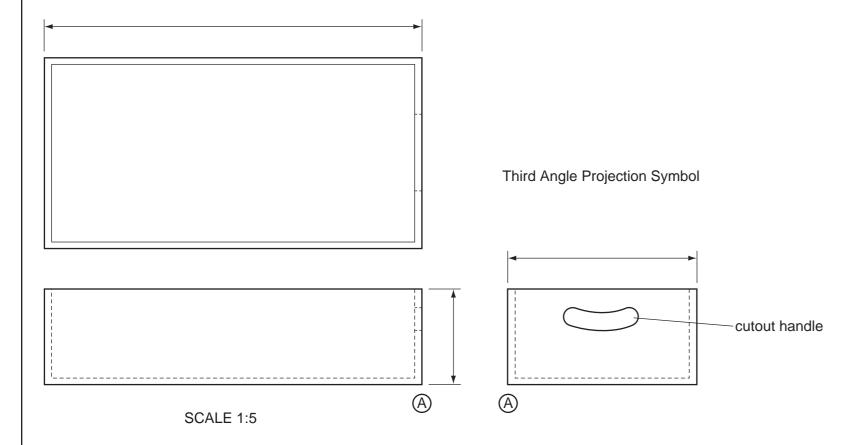
All the letters must be the same height and style as those given. [6]





(a) Complete the given orthographic views by adding:

- (i) one of the three missing measurements;
- (ii) the third angle projection symbol. [3]
- (b) Draw to the same scale in the space provided to the right, an isometric view of the tray. [4]



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(c) The trays are to be used to transport fruit.

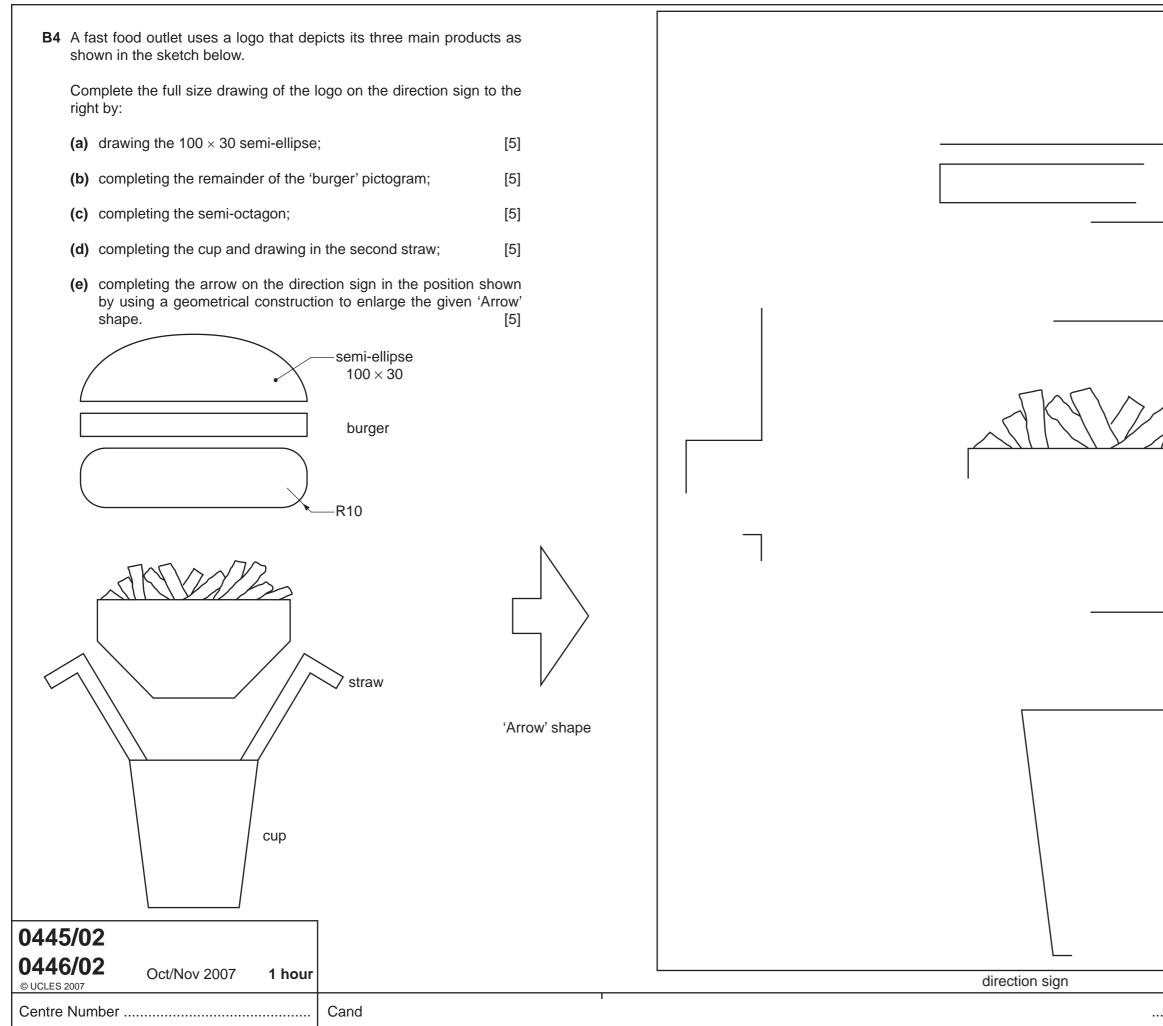
Use sketches and notes to show how the design of the tray must be modified to allow it to locate and stack one on top of the other. [3]



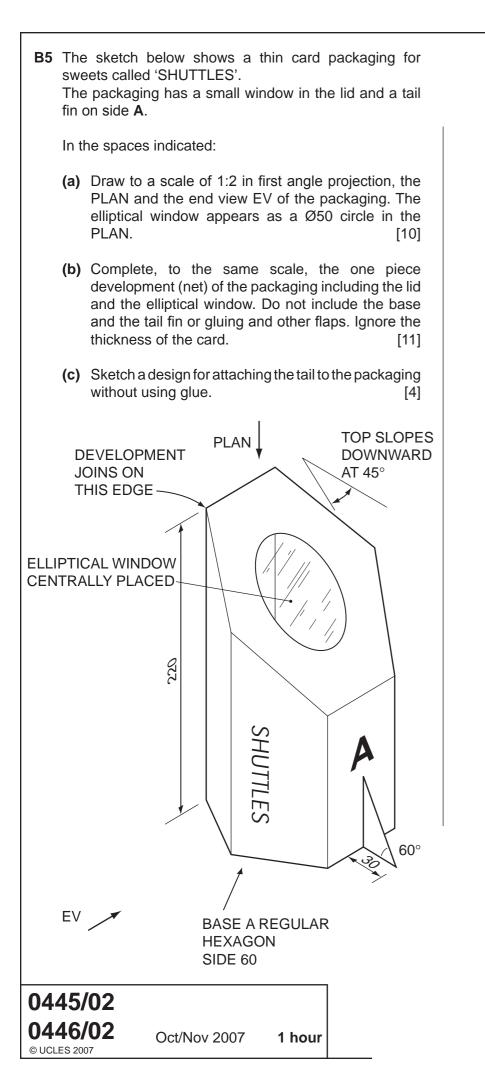
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(A)

ISOMETRIC VIEW

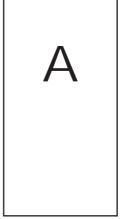


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Answer part (a) here

Answer part (b) here



Answer part (c) here

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