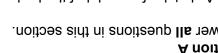
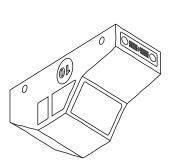


Answer all questions in this section. A noitoa8





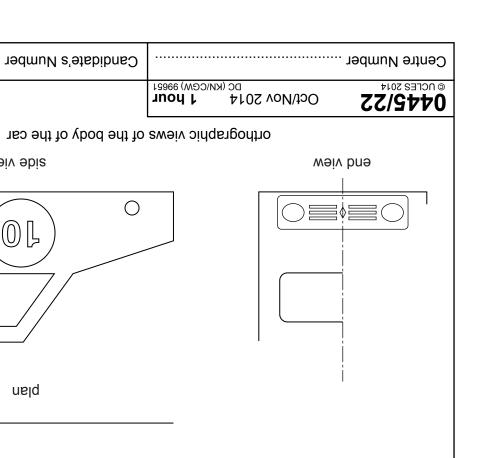
In the space below complete:



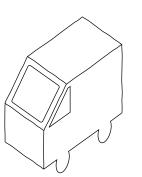
(b) the third angle projection symbol.

(a) the plan and end view of the car;

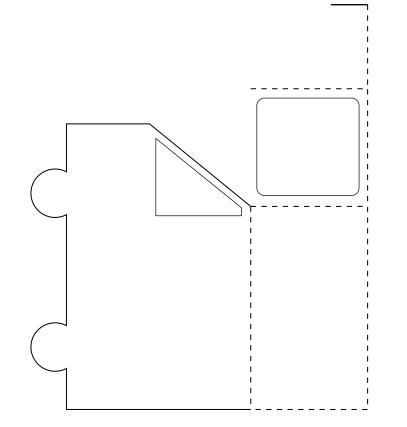
third angle projection symbol



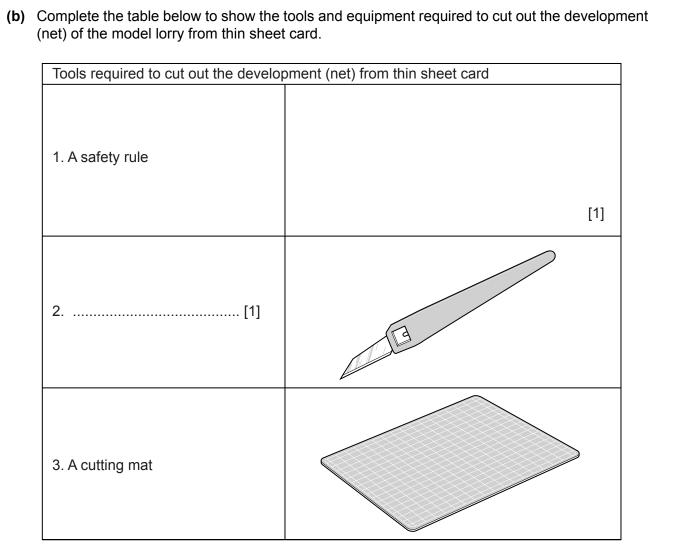
A3 (a) The model lorry shown below is to be made from thin sheet card.



Complete the drawing of the one-piece development (net) required to make the model of the lorry. Include all tabs and clearly show fold lines. Do not include the underside of the lorry. [5]



(net) of the model lorry from thin sheet card.



(c) Name a specific method of joining the tabs when assembling the model lorry and give one reason for your choice of joining method.

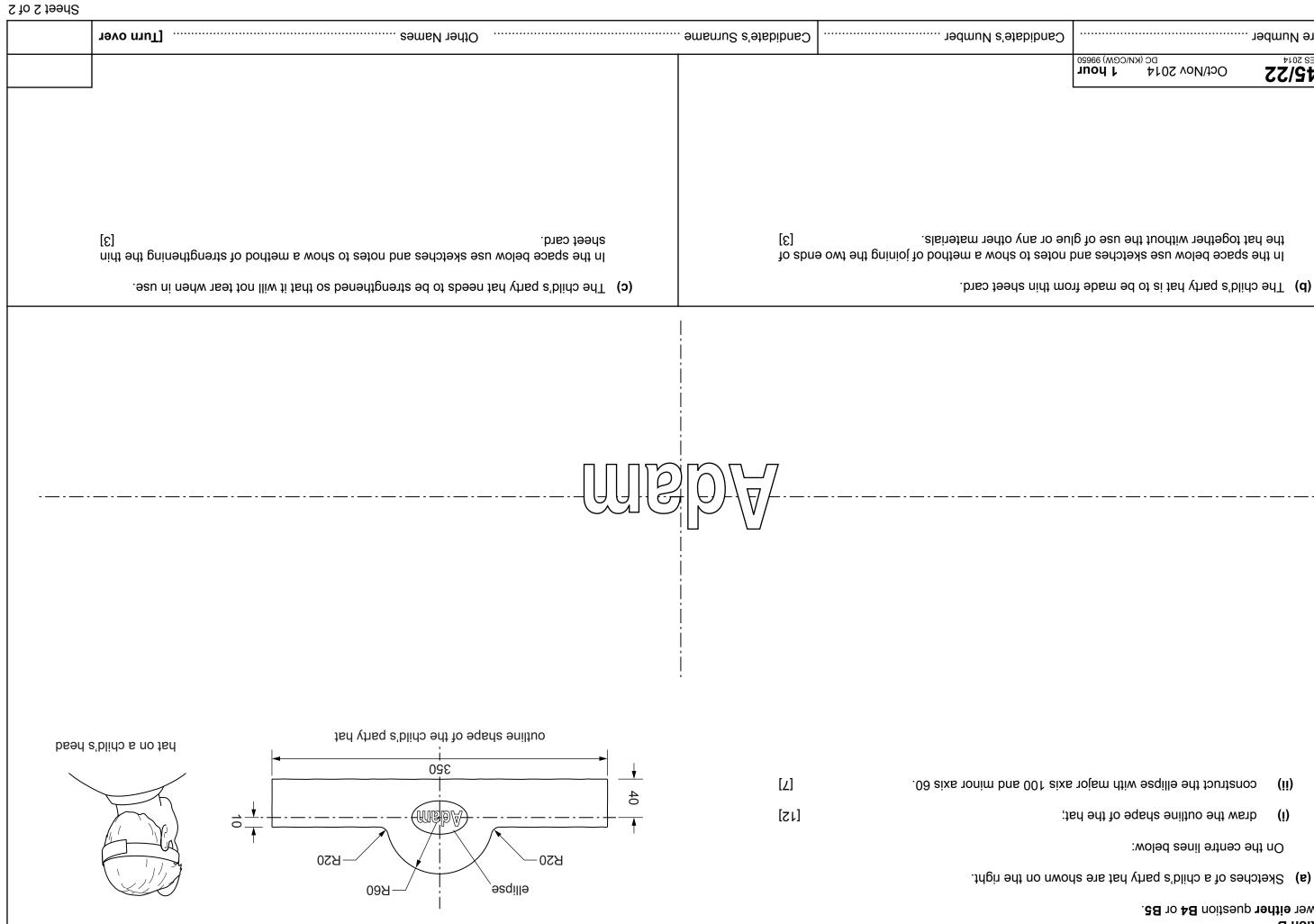
Method	
Reason	

development (net) of the model lorry



Oct/Nov 2014 1 hour

•••	 	 	 	•••	 •••	 •••		••	 •••	 	•••	• • •		•••	 •••	 [1]
•••	 	 	 		 ••••	 •••		•••	 •••	 	•••			•••	 	 	
	 •••	 	 	•••	 •••	 ••		••	 •••	 	•••		•••		 •••	 	
	 	 	 	•••	 •••	 •••	• • •	•••	 •••	 	•••	•••	•••		 •••	 . [1]

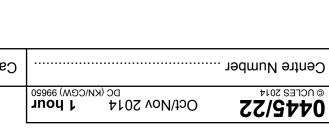


Answer either question B4 or B5. Section B

B4 (a) Sketches of a child's party hat are shown on the right.

On the centre lines below:

- (!) draw the outline shape of the hat;
- (ii) construct the ellipse with major axis 100 and minor axis 60.



	Name	Shape
1	cuboid	[2]
2	[1]	
3	triangular prism	[2]
4	hexagonal prism	[2]

(b) The 2013 sales figures for the four sweets are shown below.

	Sweet 1	Sweet 2	Sweet 3	Sweet 4
Sales	35000	60 000	45000	70000

In the space below draw a bar chart to show the 2013 sales figures for the four sweets. Use colour/shading and labels to enhance the appearance of the bar chart. Show a scale. [5] (c) The four sweets are sold in a box that contains 12 of each type of sweet. A sketch of the development (net) of the box is shown below.

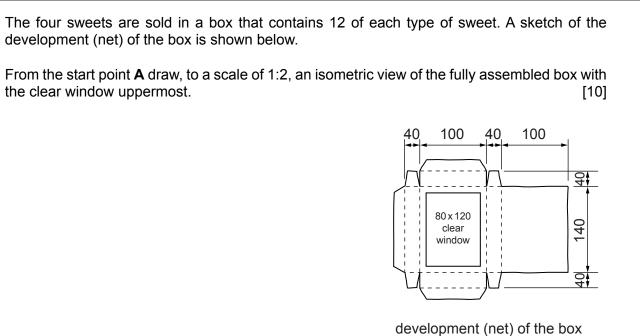
the clear window uppermost.

Α

(d) Complete the table below to show the printing requirements for the development (net) for the box of sweets.

Number of boxes required	
Colour or black and white	
Printing method	
Material	
Material thickness	
Material for clear window	

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40000
Full colour print
[1]
400g/m ²
[1]