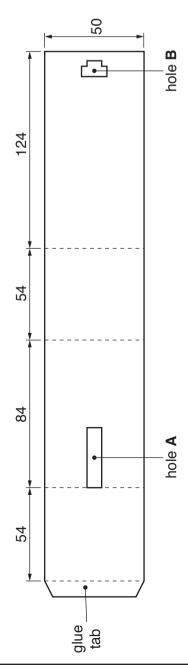
A shroked treaden A.I. A shroked to compare the chart of	Section A	(c) Add the thick and thin line technique to the sketch of the handle below. [3]
The other graphs who we below of the large of the mag by: A	Answer question A1.	
The orthographic views below of the fully assembled model of the mug by: 41	A model of a mug is shown on the right. The model is made from two blocks of Styrofoam.	
Joint the later P on the side view; 4		
gibe handle to the end view; (d) An improved model of the mugis made from six pieces of Styrobam cuttom a 10 mm th sixet. Complete the drawing below to show the six pieces of Styrobam cuttom a 10 mm th sixet. Complete the drawing below to show the six pieces of Styrobam cuttom a 10 mm th sixet. Complete the drawing below to show the six pieces of Styrobam cuttom a 10 mm th sixet. Complete the drawing below to show the six pieces of Styrobam cuttom a 10 mm the sixet. Complete the drawing below to show the letter P on the Styrobam. (1) (1) (2) (3) (4) An improved model of the mugis made from six pieces of Styrobam cuttom a 10 mm the sixet. Complete the drawing below to show the six pieces of Styrobam cuttom six pieces of equipment used to accurately draw the letter P on the Styrobam. (1) (3) (4) An improved model of the mugis made in the six pieces of Styrobam cuttom six pieces of	completing the letter P on the side view;	
and death on all views. (d) An improved model of the muj is made from six places of Styrofoam cutfrom a 10 mmth shared. Complete the drawing below to show the aix places of Styrofoam cutfrom a 10 mmth shared. Complete the drawing below to show the aix places of Styrofoam cutfrom a 10 mmth shared. Complete the drawing below to show the aix places of Styrofoam cutfrom a 10 mmth shared. Complete the drawing below to show the aix places of Styrofoam cutfrom a 10 mmth shared. Complete the drawing below to show the aix places of Styrofoam cutfrom a 10 mm the lates P on the Styrofoam. [1] below to show the aix places of Styrofoam cutfrom a 10 mm the lates P on the Styrofoam. [2] Complete the drawing below to show the lates P on the Styrofoam. [3] Complete the drawing below to show the lates P on the Styrofoam. [4] Complete Styrofoam cutfrom a 10 mm the lates P on the Styrofoam. [4] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam. [5] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam. [6] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam. [6] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam. [7] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam. [7] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam. [8] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam. [8] Complete Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10 mmth the lates P on the Styrofoam cutfrom a 10	adding the handle to the end view;	
den detail on all views. (a) Anior must be must be must be an expected of the must be increased of Styroforam cut from a 10mm to short. Comparison to show the six pieces of Styroforam required to make a must be and view.	adding the handle to the plan view.	
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(e) The model of the mug is packaged in a card sleeve. The development (net) for the sleeve is shown below.



Construct a full size isometric drawing of the fully assembled package for the mug. Do **not** include the mug in the drawing. Estimate any dimensions not given.

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(f) The holes in the card sleeve for packaging the mug are important design features.

(i) State the purpose of hole **A**.

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(ii) State the purpose of hole **B**.

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(c) Use a sketch and notes to show a method of fastening the wheel to the backboard so it can rotate. [3]		backboard.	(e) Use sketches and notes to show how the sign could be supported in an upright position on a flat surface.
wheel	mplete the sectional view of corrugated plastic sneet below. The drawing below of the backboard by:	(i) adding the missing letters N, T and H; (ii) adding five more equally spaced squares. [7]	+

There are three different size trophies each packaged in a different coloured box. The cost of making each box is shown in the table below.

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\$4

Explain two reasons why the cost of making the boxes is different
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For Examiner's Use

[8]

Sheet 3 of 3