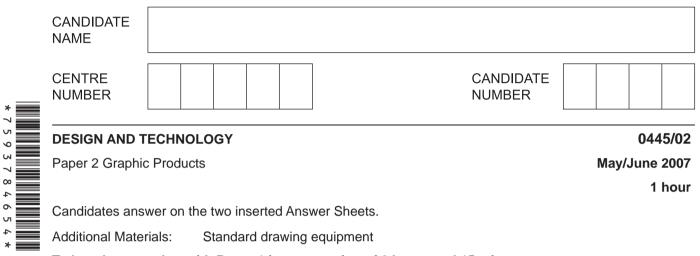


UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education



To be taken together with Paper 1 in one session of 2 hours and 15 minutes.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name in the spaces at the top of this page and the two Answer Sheets.

Do not use staples, paper clips, highlighters, glue or correction fluid. DO **NOT** WRITE IN ANY BARCODES.

Section A

Answer all questions in this section (A1, A2 **and** A3). **Section B** Answer one question in this section (B4 **or** B5). You may use a calculator.

Draw your answers in the spaces provided on the answer sheets. All construction and projection lines must be clearly shown. All dimensions are in millimetres.

At the end of the examination, insert both sheets into this booklet. The total of the marks for this paper is 50. The number of marks is given in brackets [] at the end of each question or part question.

This document consists of an A3 cover booklet and **2** inserted A3 sheets.

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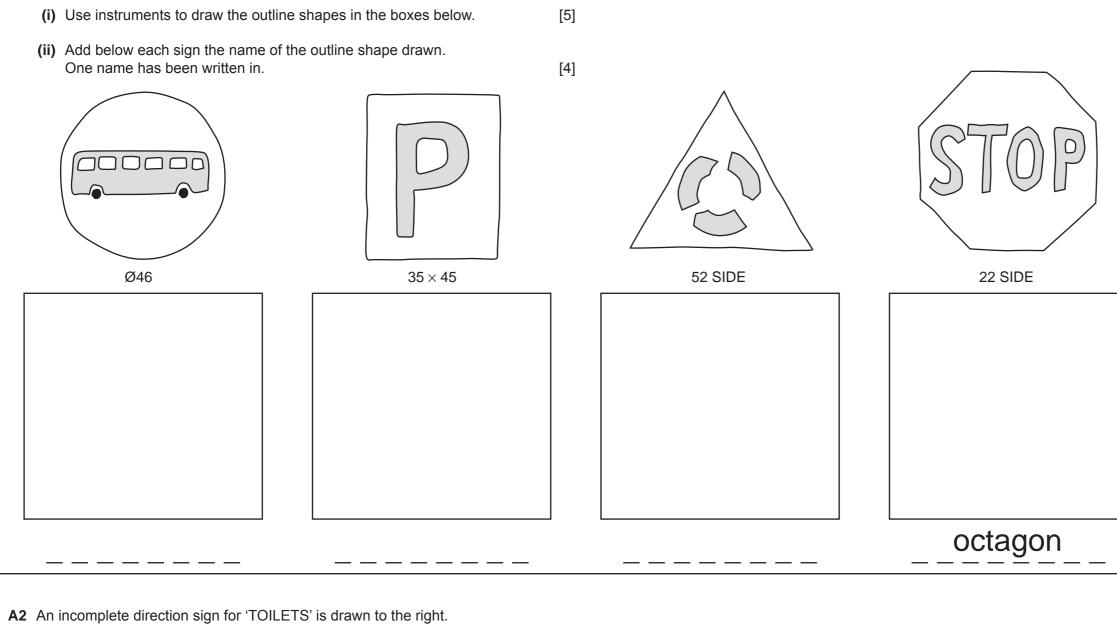
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Section A

Answer **all** questions in this section.

A1 The five sketches below show road and information signs used in a theme park.



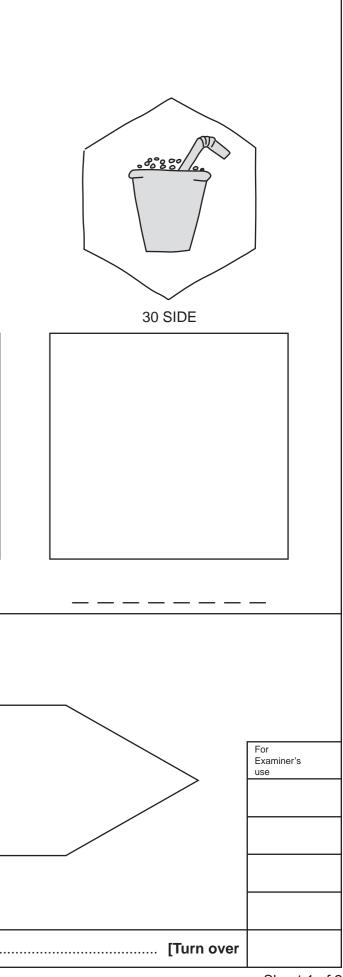
Complete the direction sign by adding the four remaining letters.

All the letters must be the same height, spacing and style as those given.

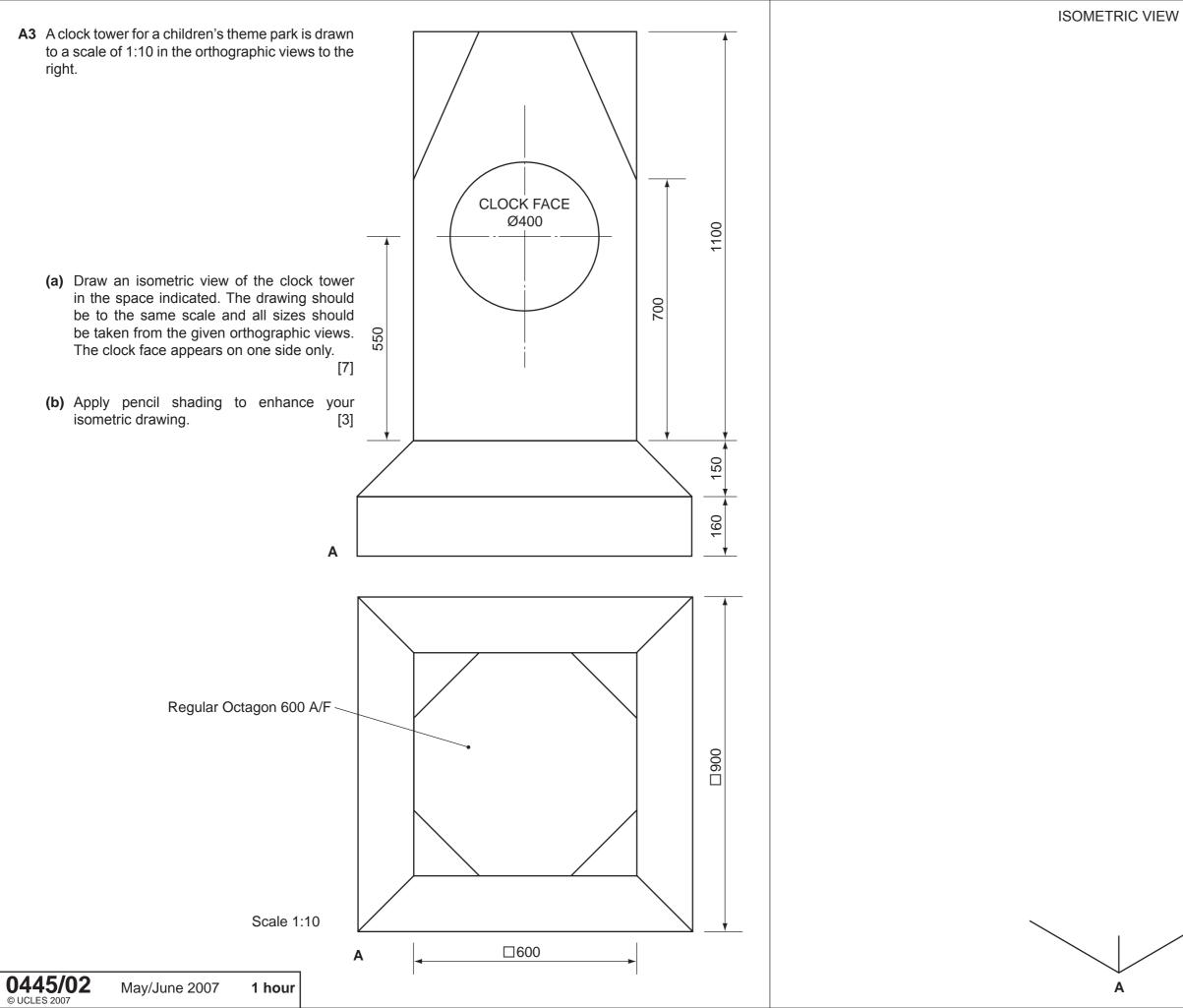
[6]



0445/02 © UCLES 2007	May/Ju	ine 2007	1 hour			
Centre Numbe	er			Candidate's Number	Candidate's Surname	Other Names



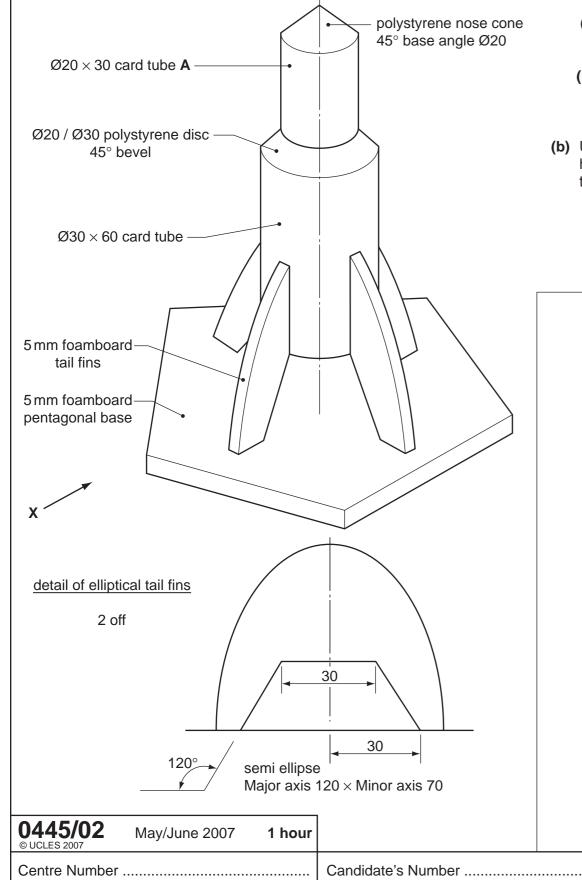
Sheet 1 of 2



Section B

Answer either question B4 or B5.

B4 A self-assembly rocket from a theme park gift shop is shown below. The rocket is glued together from pre-cut pieces of polystyrene, card tube and foamboard. The rocket stands on a pentagonal foamboard base.



- (a) On the centre lines given to the right, construct, full size, in third angle projection:
 - (i) the elevation of the rocket viewed from X; you must include the tail fins. The top of tube **A** has been drawn for you. [10]
 - (ii) a complete plan of the rocket on the centre lines given; [5]
 - (iii) the regular pentagonal base cut from a circular disk of Ø100 on the plan only. [5]
- (b) Use sketches and notes in the space below to show how the tail fin pieces are joined together and fixed to the Ø30 tube. [5]

$\overline{}$	
\square	view

the centre lines given to the right, construct, full , in third angle projection:	Plan view		
the elevation of the rocket viewed from X ; you must include the tail fins. The top of tube A has been drawn for you. [10]			
a complete plan of the rocket on the centre lines given; [5]			
the regular pentagonal base cut from a circular disk of Ø100 on the plan only. [5]			
sketches and notes in the space below to show the tail fin pieces are joined together and fixed to Ø30 tube. [5]			
		view in direction of arrow X	
Candidate's Surname	. Other Names		[Turn over

