



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

CANDIDATE NAME			
CENTRE NUMBER		CANDIDATE NUMBER	
DESIGN AND TECHNOLOGY		0445/02	
Paper 2 Graphic Products			May/June 2007
			1 hour
Candidates ans	wer on the two inserted Answer Sheets.		
Additional Mate	rials: Standard drawing equipment		
To be taken to	gether with Paper 1 in one session of 2 l	nours and 15 minutes.	
DEAD THESE	INSTRUCTIONS FIRST		

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.



ISOMETRIC VIEW

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A3 A clock tower for a children's theme park is drawn to a scale of 1:10 in the orthographic views to the right.

(a) Draw an isometric view of the clock tower in the space indicated. The drawing should be to the same scale and all sizes should be taken from the given orthographic views.

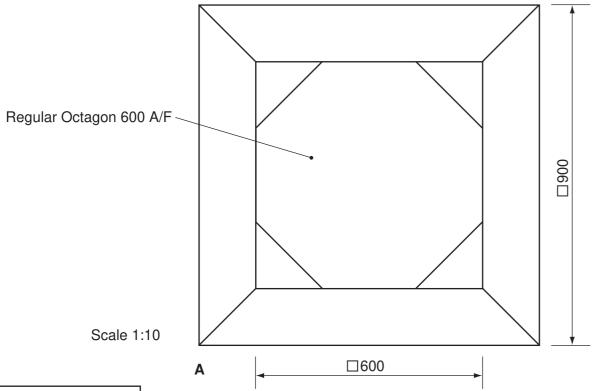
The clock face appears on one side only.

(b) Apply pencil shading to enhance your isometric drawing. [3]

your [3] 190 1 100

CLOCK FACE Ø400

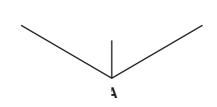
1100

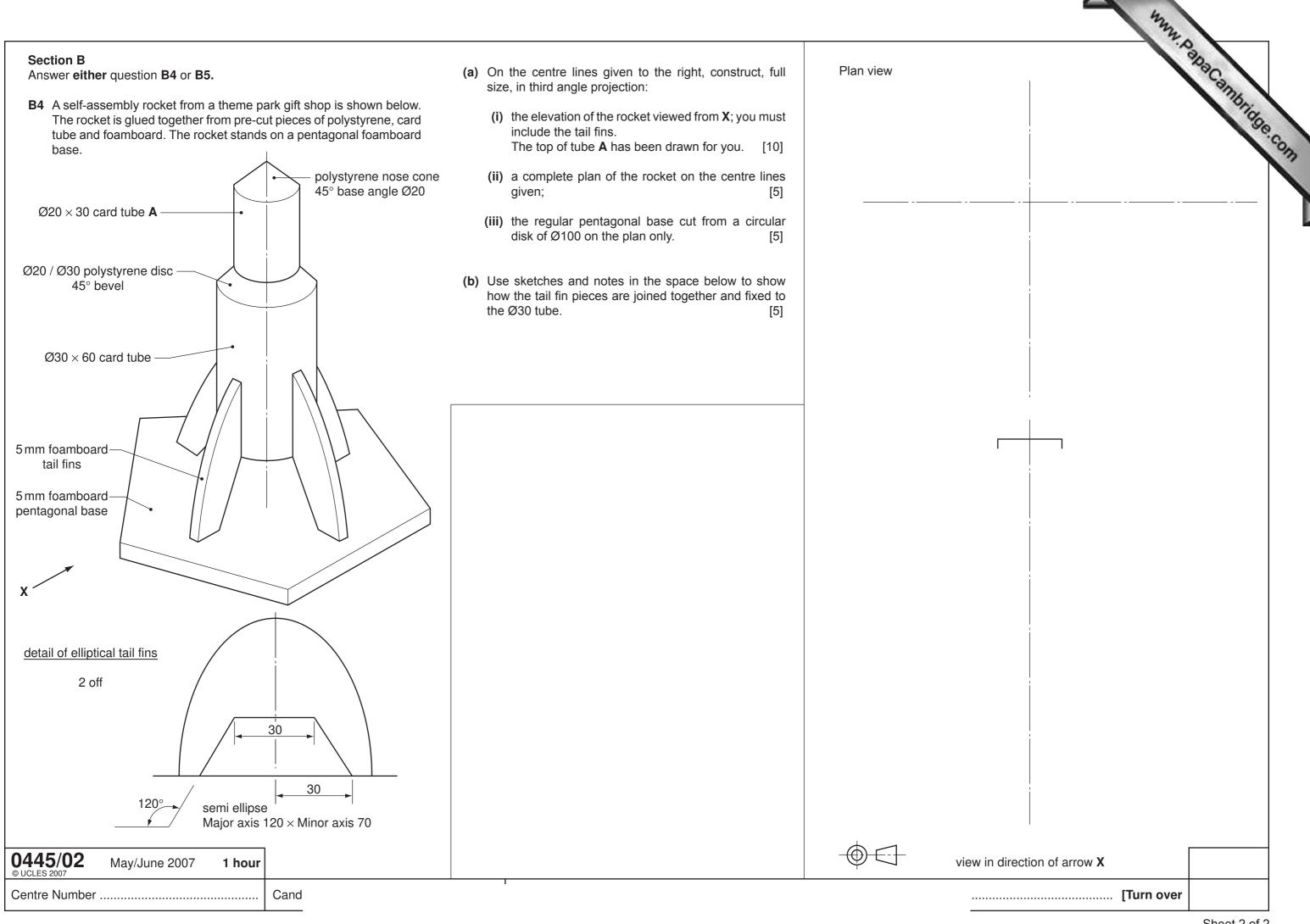


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May/June 2007

1 hour





In the spaces indicated:

- (a) Draw to a scale of 1:2 in first angle orthographic projection, the Plan and an End View of the desk tidy. [10]
- **(b)** Construct, to the same scale a **one piece** development (net) of the promotional Desk Tidy. Include the top, base and all flaps. Ignore the thickness of the card.

Answer (a) here

