Centre Number					Candidate Number					For Exam	iner's U
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Free-Standing Mathematics Qualificati Foundation Level

Using Spatial Techniques

4982

Specimen Question Paper

For this paper you must have:

- a clean copy of the Data Sheet (enclosed)
- a protractor
- a pair of compasses
- a ruler
- a calculator.

Time allowed

1 hour

Instructions

- Use black ink or black ball-point pen. Pencil should only be used for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page.
- Do all rough work in this book. Cross through any work that you do not want to be marked.
- You may **not** refer to the copy of the Data Sheet that was available prior to this examination. A clean copy is enclosed for your use.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 40.
- You are expected to use a calculator where appropriate.

Advice

• In all calculations, show clearly how you work out your answer.

For Examiner's Use					
Examiner's Initials					
Question	Mark				
1					
2					
3					
4					
5					
6					
7					
TOTAL					



(3 marks)

1 (b) stating the order of rotational symmetry of each shape.

(3 marks)

4





3	(b)	A 'Cosy Cloche' is a prism of length 70 cm as shown.
		70 cm
		Not to scale
		Calculate the volume of a 'Cosy Cloche'.
		(2 marks)



4	(b)	Calculate the internal height of each compartment.	
		(2	marks)
4	(c)	Imagine you are looking at the storage unit from the direction shown by the a in the diagram.	arrow
		Draw an accurate front elevation of the storage unit from this direction.	
		Use a scale of 1:5.	
		(6	marks)

5



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