Please write clearly in	block capitals.		
Centre number		Candidate number	
Surname			
Forename(s)			
Candidate signature)

FSMQ **USING SPATIAL TECHNIQUES** Level 1

Friday 20 May 2016

Morning

Time allowed: 1 hour

Materials

For this paper you must have:

- a clean copy of the Data Sheet (enclosed)
- a calculator
- mathematical instruments.

Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Answer all questions.
- You must answer each question in the space 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.

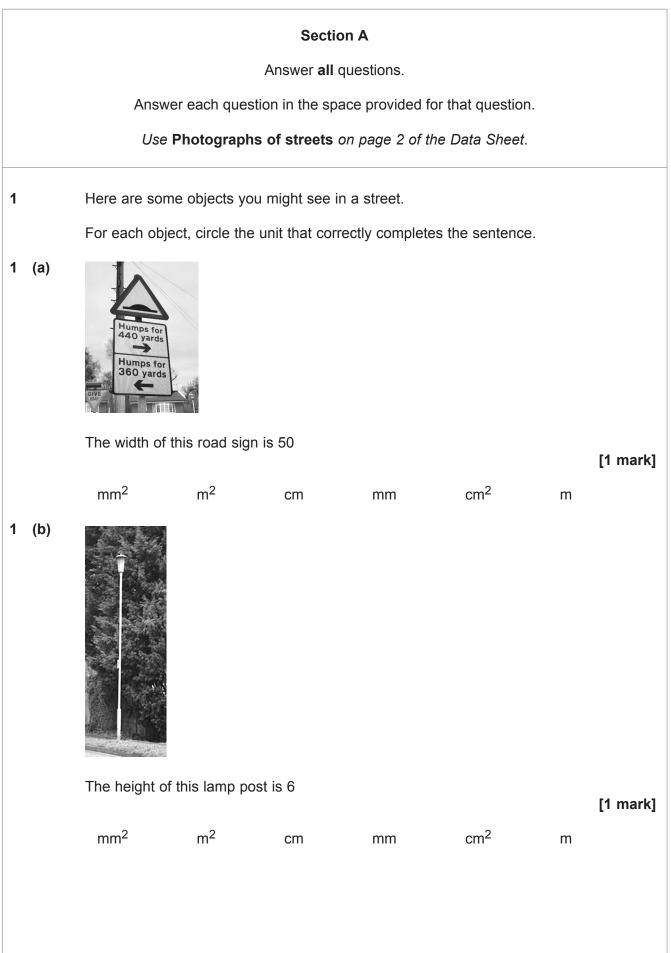
Information

- 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.

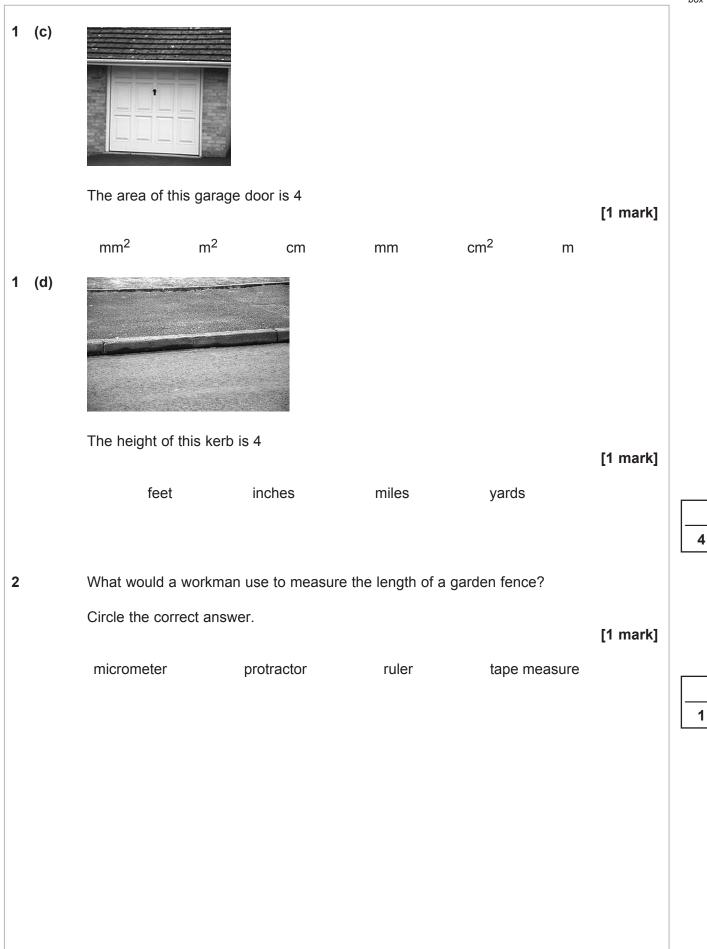
Advice

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



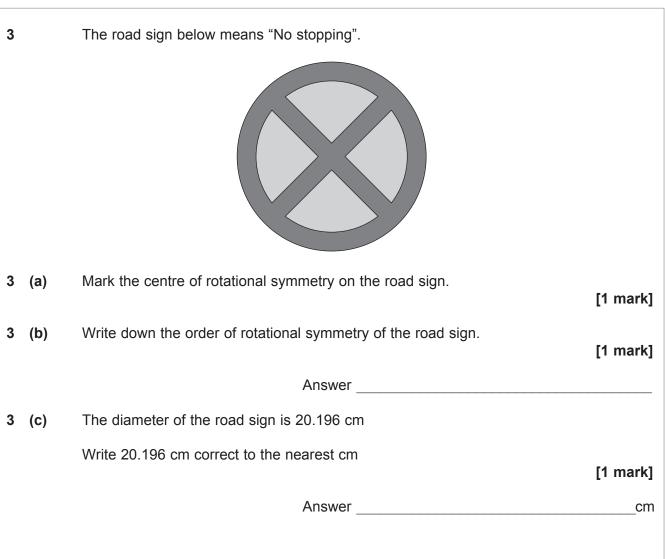






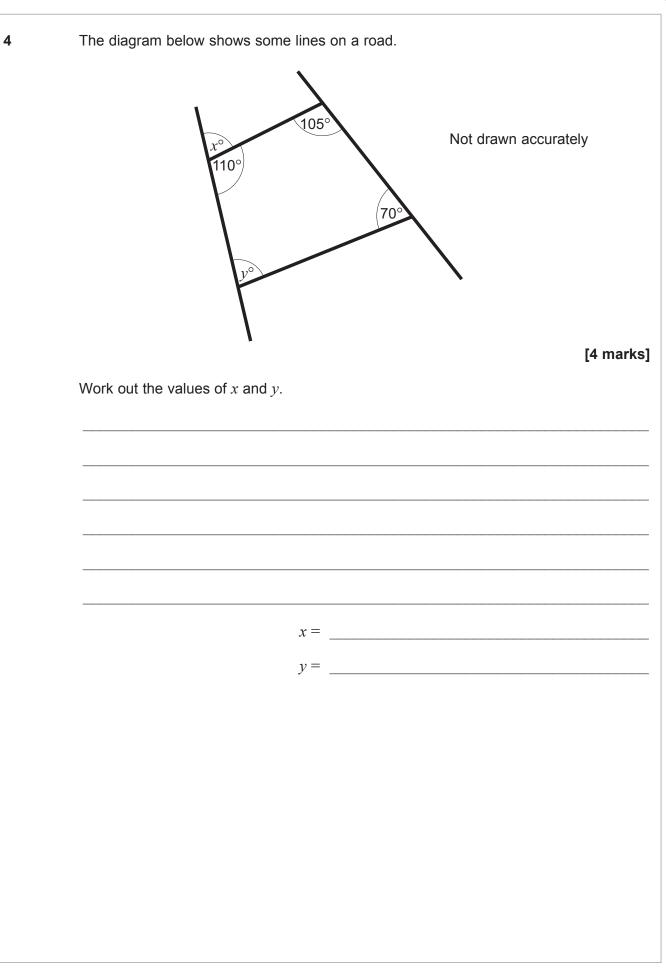
Turn over ►



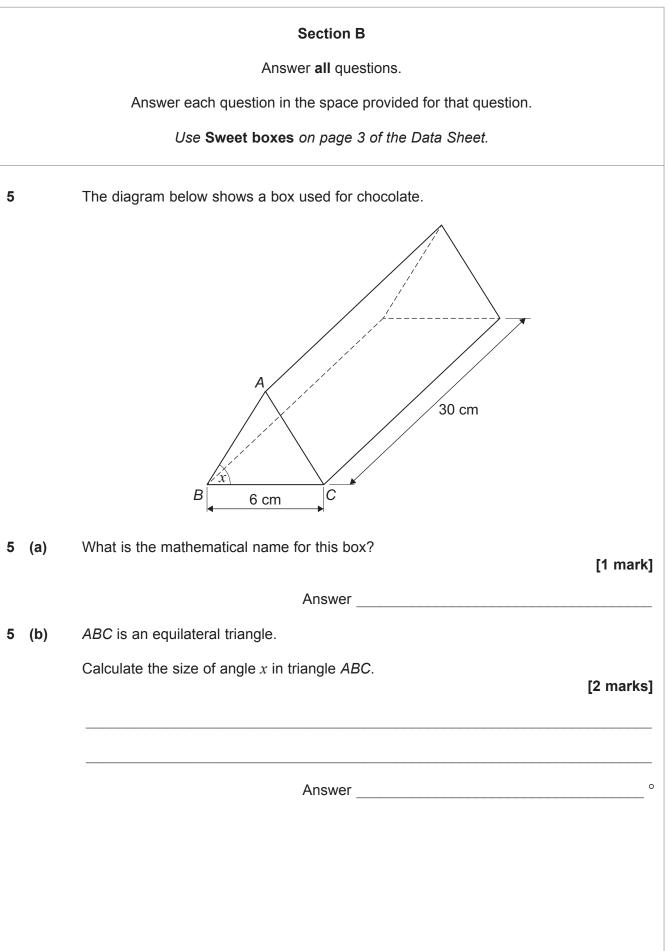




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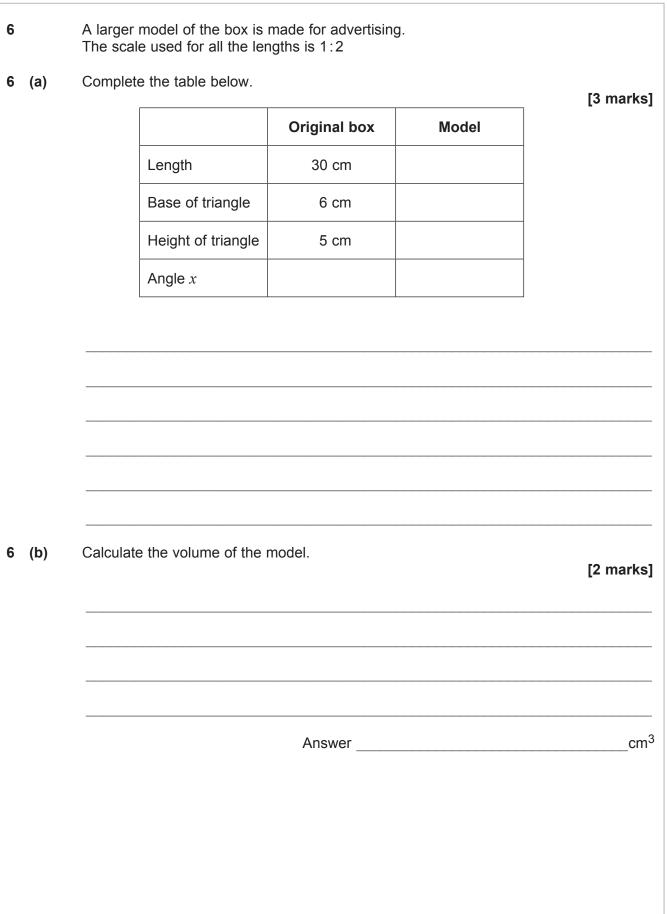




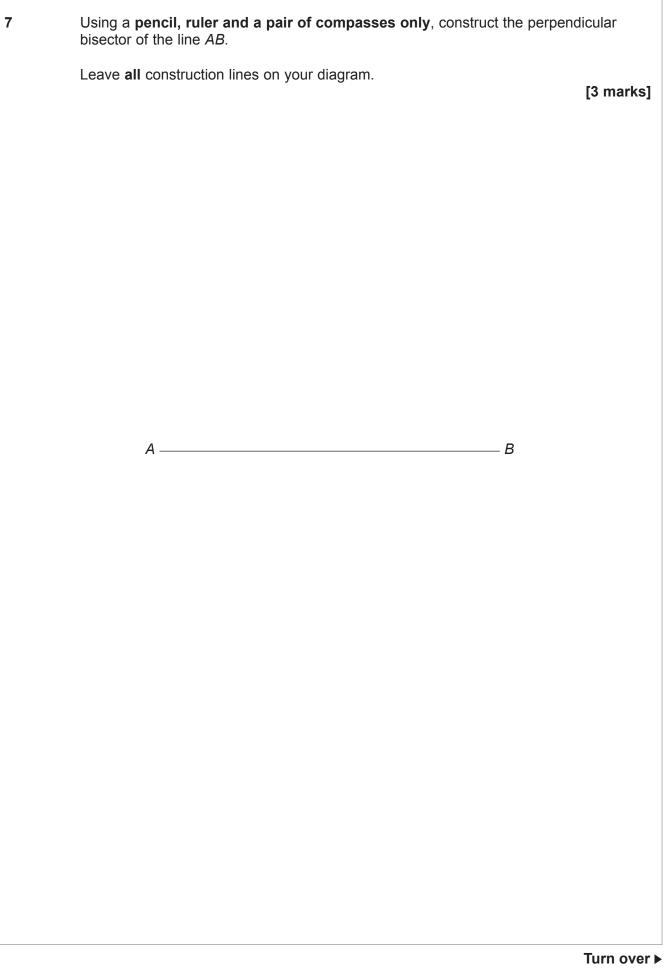
5	(c)	Taking the height of triangle <i>ABC</i> to be 5 cm, work out the area of the triangle	[2 marks]
5	(d)	Answer Calculate the total surface area of the box.	0
			[4 marks]
		Answer	

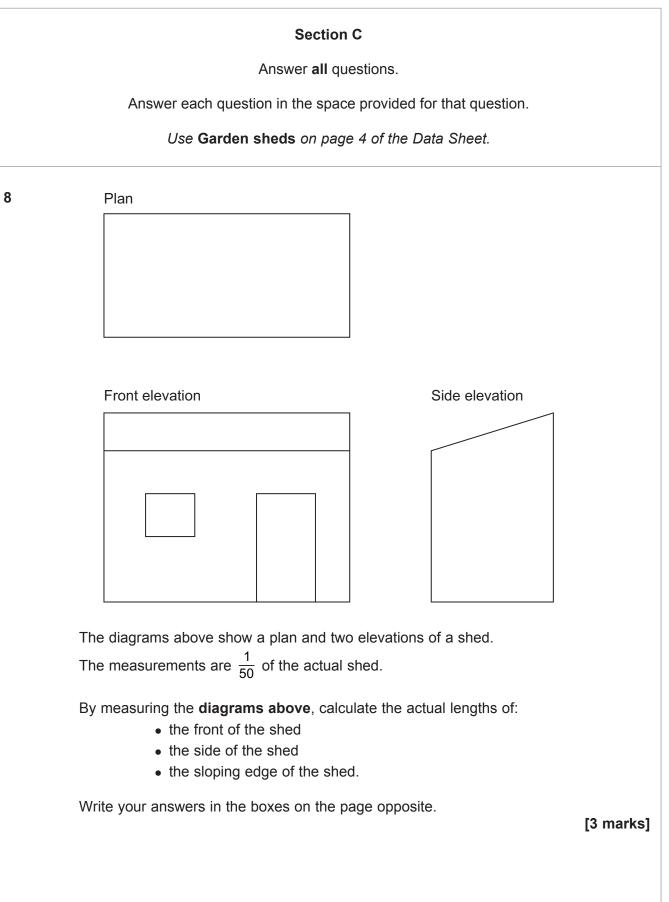
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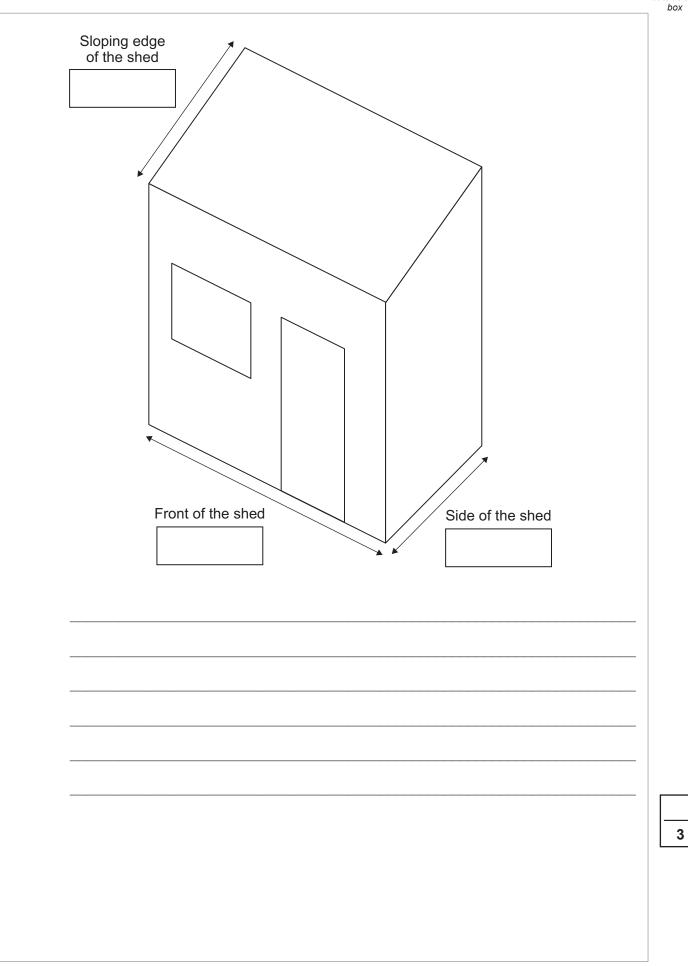




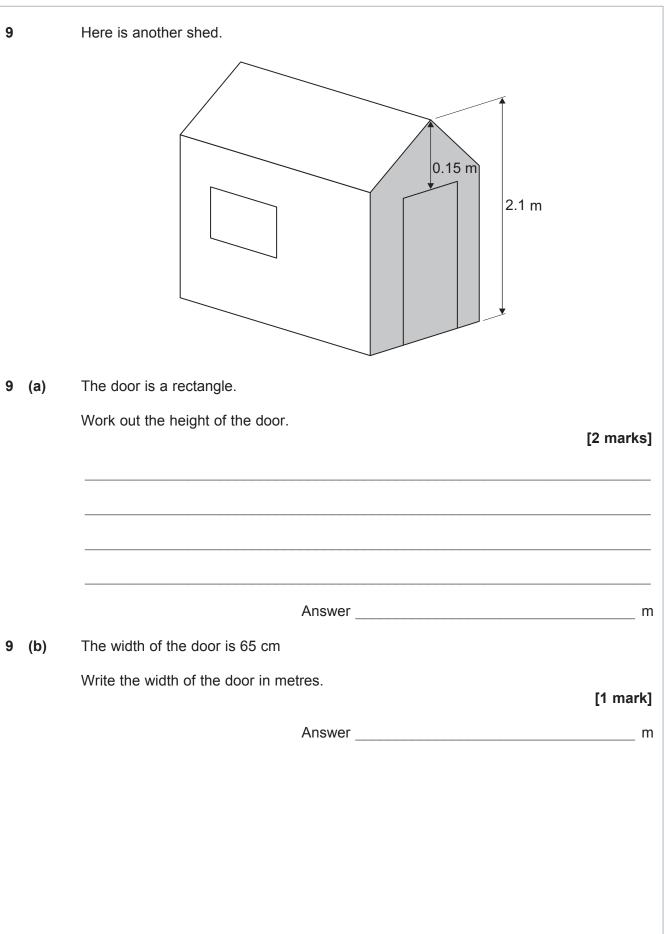












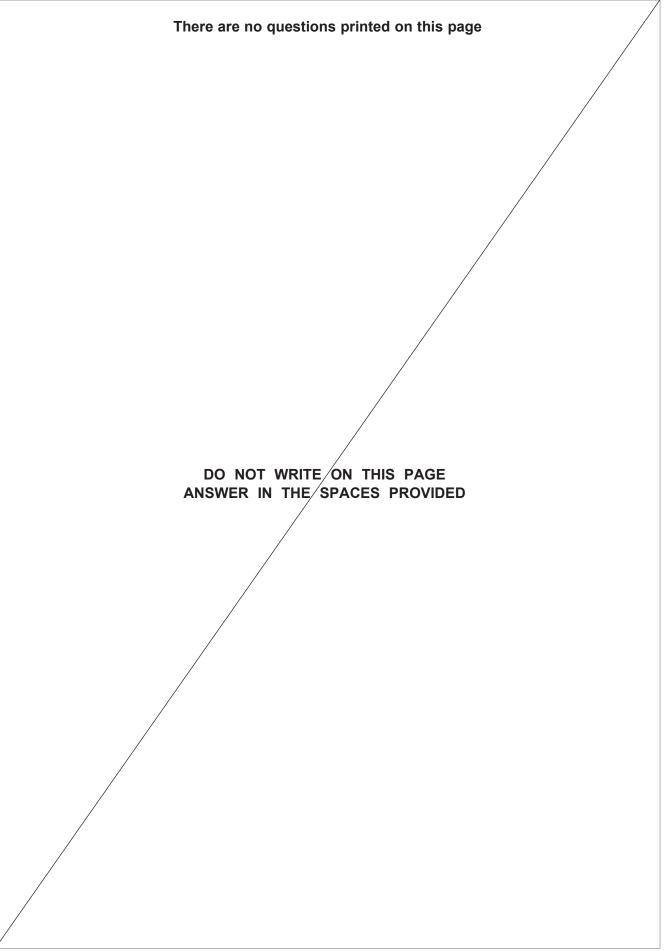


9 (c)	Work out the perimeter of the door. [2 marks				
	Answer m				
9 (d)	What shape is the shaded side of the shed? [1 mark]				
	Answer				
10	The shed needs a new window, shown below.				
	43 cm 43 cm Not drawn accurately				
	The gardener says the area of the window is 206.4 cm ²				
	By using estimates, explain how you know that the gardener is not correct. You must show your working. [2 marks]				
	END OF QUESTIONS				

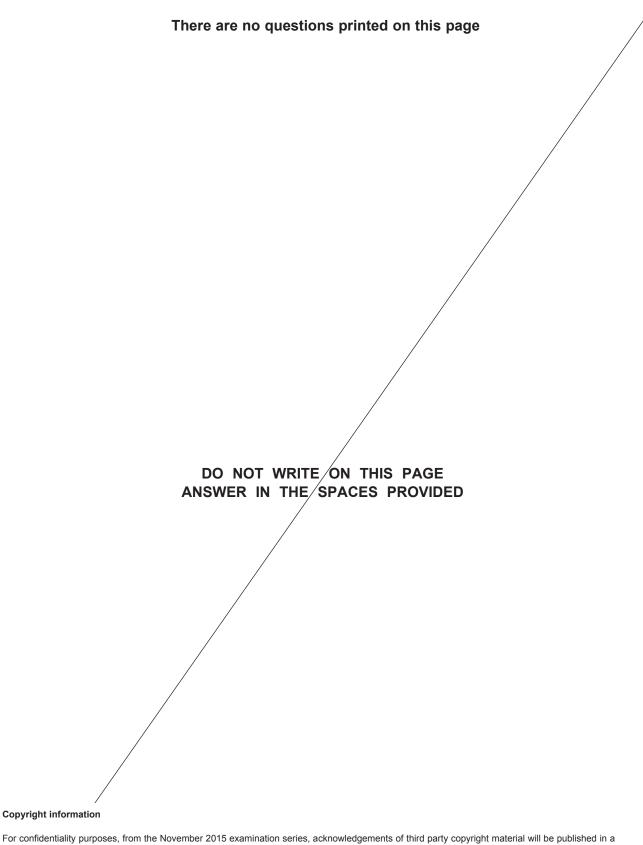












separate booklet rather than including them on the examination paper or support materials. This booklet is published after each examination series and is available for free download from www.aqa.org.uk after the live examination series.

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