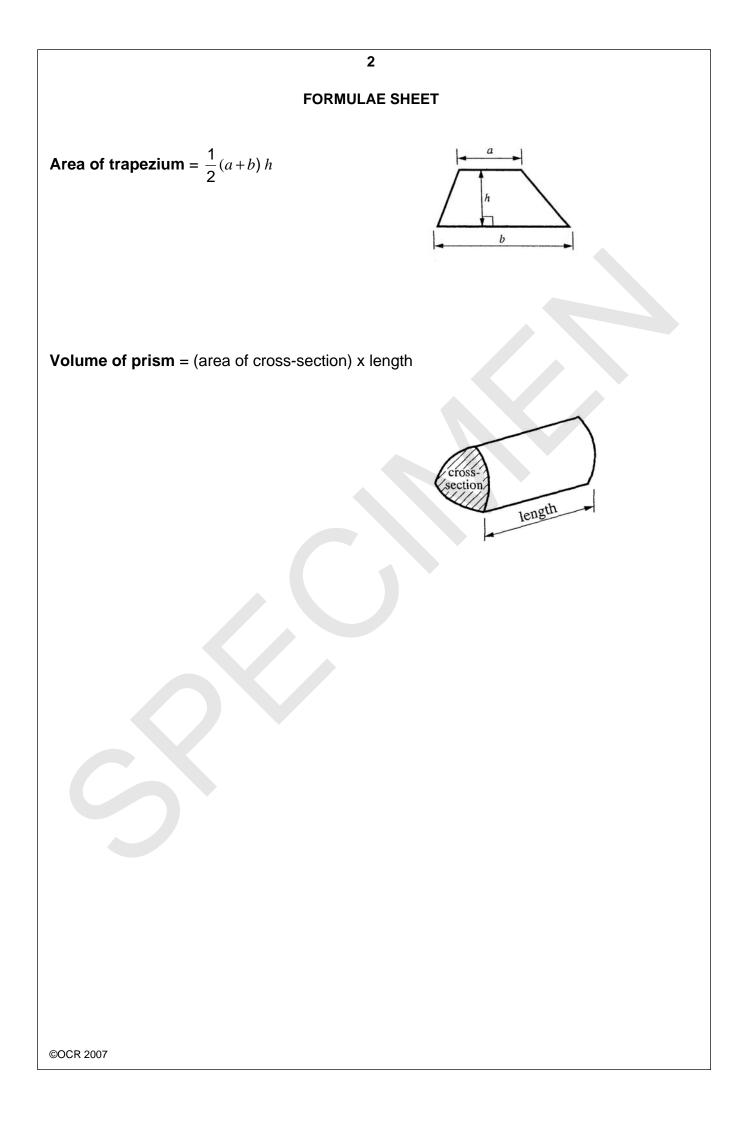
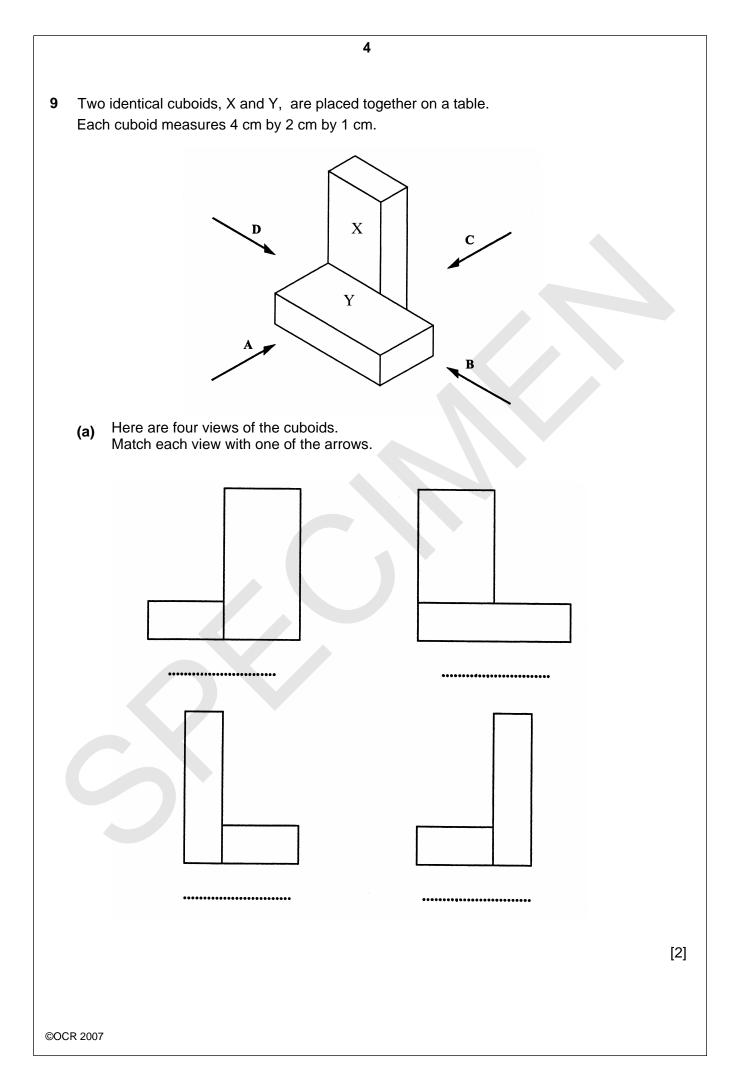
		SPE	CIM	EN
GENERAL C	ERTIFICATE OF SECONDARY EDUCATION	B2	73/B	
MODULE I	M3 – SECTION B			
SPECIME	N			
Additional Mat Ge Tra	swer on the question paper. erials: ometrical instruments icing paper (optional) ictronic calculator		me: 30 minu	tes
Candidate Name				
Centre Number	Candida Numbe			]
<ul> <li>Answer all the</li> <li>Use blue or bl</li> <li>Read each qu answer.</li> <li>In many quest</li> <li>Do not write in</li> <li>Do not write of</li> <li>WRITE YOUR ELSEWHERE</li> </ul> INFORMATION F <ul> <li>You are expect</li> <li>The number oo</li> <li>The total number</li> </ul>	ne, centre number and candidate number in the	grams only. you have to do bef ven if the answer is CE PROVIDED. A er.	s incorrect.	
			For Examir	ner's Use
			Section B	
	This document consists of <b>9</b> printed pages	and <b>3</b> blank pages		
SP (SLM) T12103		an exempt Charity		[Turn over

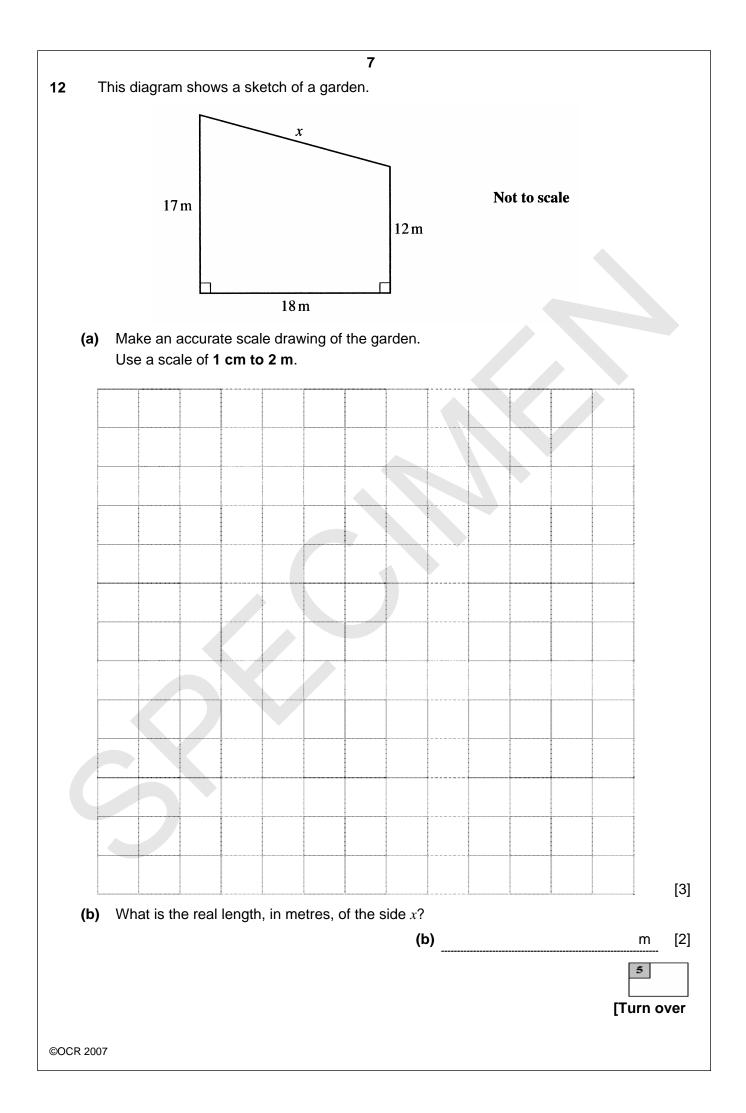


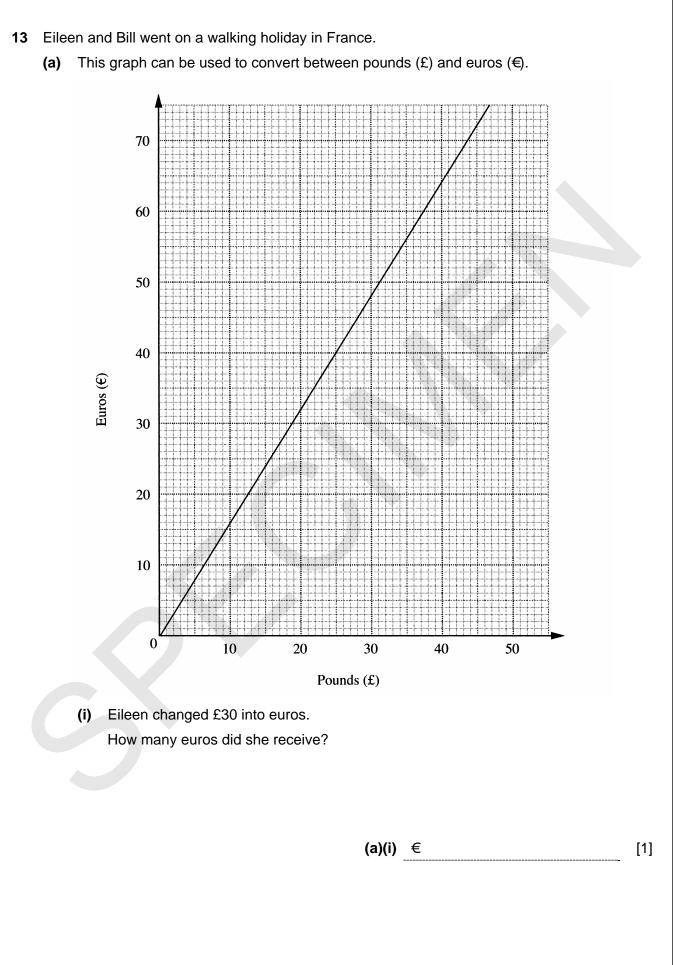
3 Tom is going by train from London to Preston. 8 Leave London 8:30 9:30 .... Leave Crewe 11:40 10:05 Arrive Preston 11:15 12:35 (a) He wants to catch the 9:30 train from London. He allows 40 minutes to get from home to the station. What time does he leave home? [1] (a) (b) How long should the 9:30 train take to travel from London to Crewe? Give your answer in hours and minutes. (b) hours minutes [1] (C) The 9:30 train from London was 45 minutes late arriving at Preston. What time did it arrive at Preston? (c) \_\_\_\_\_ [1] 3 [Turn over ©OCR 2007



						5							
9	<b>(b)</b> On th	ne grid be	elow, dr	aw an	accura	ate dia	gram of	the top	o of cub	ooid Y.			
										_			
										_			
							-						
										]			[0]
												_	[2]
												4	
10	Pat opens Each drinł He makes	k he mak	es uses	e of or 3 40 mi	ange s illilitres	quash. of orar	nge squ	uash.					
	How many	/ millilitre	s of ora	inge so	quash a	are left	in the l	oottle?					
			*										
												ml	[3]
												3	
											Г	Turn o	ver
©OC	CR 2007												

	6						
11 (a)	) Pro-print uses this formula to work out the price, in pounds, of posters.						
	Multiply the number of posters by 3, then add 25						
	Work out the price of 15 posters from Pro-print.						
	(a) £	[2]					
(b)	Fasta-print uses this formula to work out the price, in pounds, of posters.						
	P is the price in pounds n is the number of posters Work out the price of 12 posters from Fasta-print.						
	(b) £	[1]					
	3						
©OCR 2007							





8

					9						
13	(ii)	They sper	nt €35 in a i	restauran	t.						
		Use the g	raph to con	vert €35 i	into pound	ds.					
						(ii)	£				[1]
	(iii)	When they	/ returned f	rom Fran	ce they h	ad €2(	00 left.				
			n is this in p		a						
		rou must	show all yo		ıy.						
						(iii)	£				[2]
(b)	The	se are the	distances,	in kilomet	res, they	walke	d each da	y.			
		15	18	17	25		19	15	24		
	Wo	rk out the m	nean distan	ice.							
						(b)			ł	<m< td=""><td>[3]</td></m<>	[3]
Section	B To	otal [25]								7	
be (C	en so CR) te	ion to reprodu ught and clea o trace copyri isher will be p	ared where p ght holders,	bossible. Ev but if any it	very reason tems requiri	able ef ng clea	fort has be rance have	en made by unwittingly	the publish	ner	
Ui	niversi	part of the ( ty of Cambrid ty of Cambrid	lge Local Ex								
©OCR 2007	,										









OXFORD CAMBRIDGE AND RSA EXAMINATIONS General Certificate of Secondary Education

MATHEMATICS C MODULE M3 – SECTION B Specimen Mark Scheme

B273/B

The maximum mark for this paper is 25.

This document consists of **3** printed pages and **1** blank page.

8	(a)	8:50 or equivalent	1	
	(b)	2 (hours) 10 (minutes)	1	
	(c)	13:20	1	Or equivalent
			3	
9	(a)	CA		W1 for two correct
	( )	DB	2	
	(b)	rectangle 4cm by 2cm	2	Accept any orientation
	( )	5 ,		W1 for rectangle with one pair of
				sides correct
			4	
10		200	3	W2 for 800 seen <i>or</i>
				M1 for use of 1000 and
				<b>M1</b> for 40 x 20
			3	
11	(a)	70	2	<b>W1</b> for 45 seen <i>or</i> or figs 7 (0)
	(b)	60	1	
			3	
12	(a)	correct scale drawing	3	W1 for each of the 3 given sides correct
				Allow $\pm 0.2$ cm
	(h)	18·1 to 19	2	<b>W1</b> for 9 to 9.5 seen
	(b)	10.1 10 19	2	Allow $\pm 0.1$ cm
				f.t. from <i>their</i> drawing
				it. nom then drawing
			5	
13	(a)(i)	47 to 49	1	
	(ii)	21 to 23	1	
	(iii)	120 to 130	2	M1 for any correct method e.g.
				€40 = £25
	(b)	19	3	<b>M1</b> for $\sum x(=133)$ and
				<b>M1 f</b> or <i>their</i> 133 ÷ 7
			7	

Section B Total 25

Question	AO2	AO3	AO4	Total
8	3			3
9			4	4
10			3	3
11	3			3
12		5		5
13	4		3	7
Totals	10	5	10	25

Assessment Objectives Grid

**BLANK PAGE**