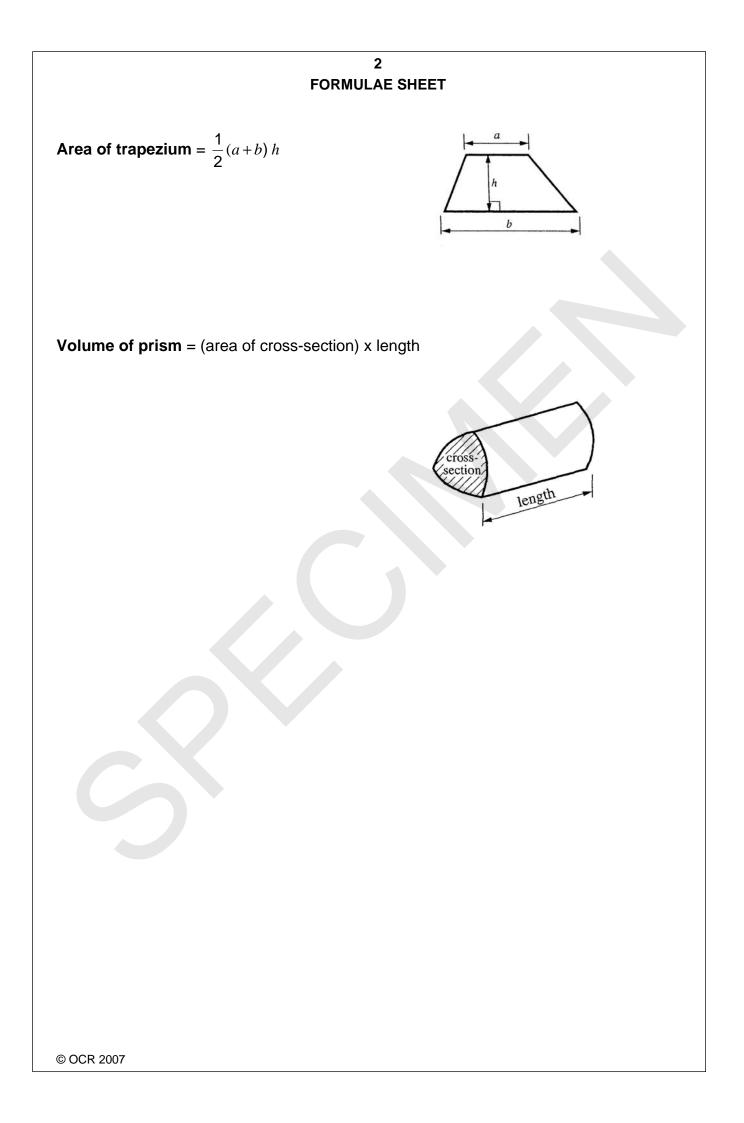
OCR RECOGNISING ACHIEVEMENT	SPECIMEN
GENERAL CERTIFICATE OF SECONDARY EDUCATION MATHEMATICS C	B273/A
MODULE M3 – SECTION A	
SPECIMEN Candidates answer on the question paper. Additional Materials: Geometrical instruments Tracing paper (optional)	Time: 30 minutes
Candidate Name	
Centre Number Candidate Number	
 INSTRUCTIONS TO CANDIDATES Write your name, centre number and candidate number in the box Answer all the questions. Use blue or black ink. Pencil may be used for graphs and diagra Read each question carefully and make sure you know what you answer. In many questions marks will be given for a correct method even Do not write in the bar code. Do not write outside the box bordering each page. WRITE YOUR ANSWER TO EACH QUESTION IN THE SPACE ELSEWHERE WILL NOT BE MARKED. INFORMATION FOR CANDIDATES The number of marks is given in brackets [] at the end of each question of marks for this section is 25. 	ms only. a have to do before starting your n if the answer is incorrect. E PROVIDED. ANSWERS WRITTEN
WARNING You are not allowed to use a calculator in this paper.	For Examiner's Use Section A

This document consists of **9** printed pages and **3** blank pages.

SP (SLM) T12103

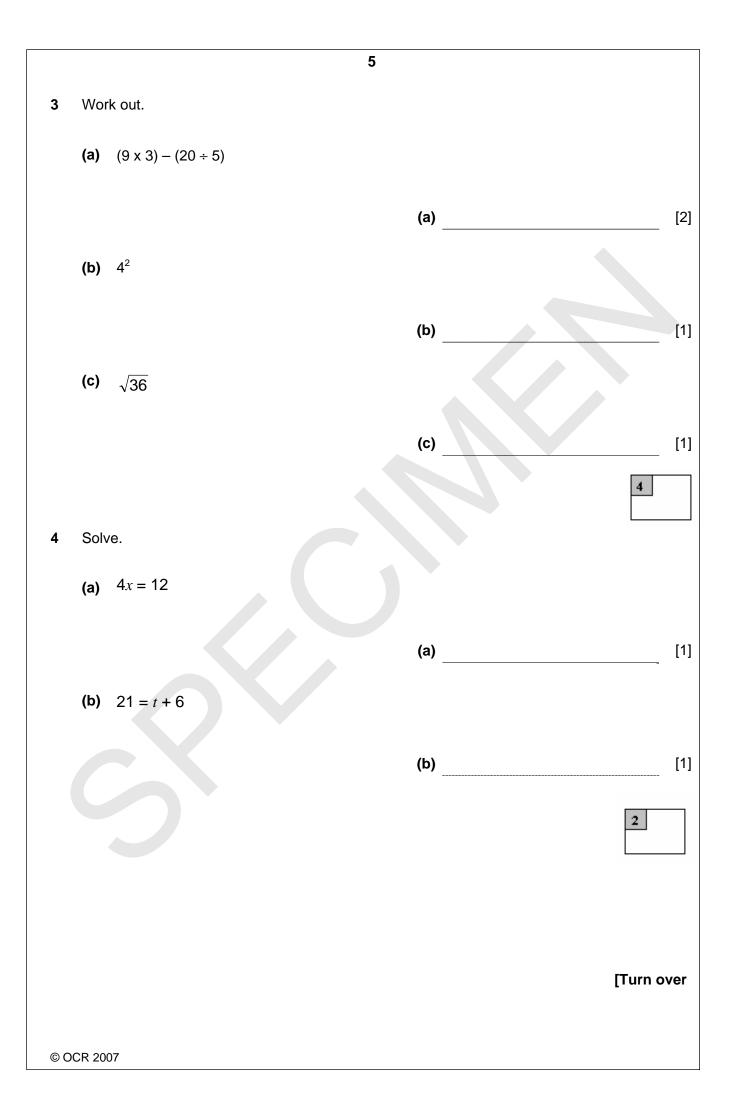
© OCR 2007

OCR is an exempt Charity



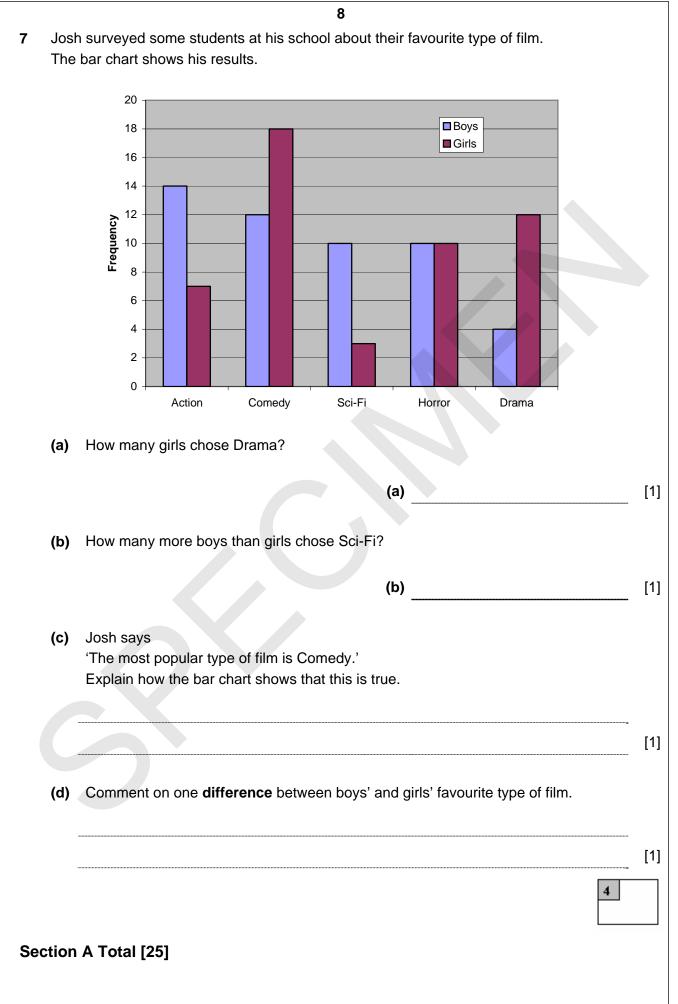
			3	
1	(a)			
		Paul weighs himself. The scale shows Paul's weight.		
		How much does he weigh?		
			(a)	kg_[1]
	(b)	Paul now weighs himself carryin The scale now shows 90 kg.	g his rucksack.	
		How much does the rucksack we	eigh?	
			(b)	kg [1]
				2
©O	CR 20	07		[Turn over

		4		
2	(a)	Mary went to a garden centre. She bought 2 She paid with a $\pounds 5$ note.	2 packets of seeds at 60p each.	
		How much change did she receive?		
			(a) £	[2]
		Montha have be a stravely and a stravely		
	(b)	Martha bought 8 strawberry plants. She paid 70p for each plant.		
		Work out the total cost of 8 plants. Give your answer in pounds.		
			(b) £	[2]
	(c)	Peter bought some raspberry canes. He paid £16 for 10 canes.		
		Work out the cost of one cane.		
			(c) _£	[2]
			6	
©O	CR 20	07		



			6				
5	Han	nah has these eight					
	She	picks one shape wi	hout looking.				
	(a)	Hannah says					
			/ I pick a circle is	$\frac{1}{2}$."			
		Is Hannah right or Give a reason for y	wrong?	2			
			because				
							[1]
	(b)	On the scale below	v, mark with arrows,				
		the probability she	picks a square, S,				[1]
		the probability she	picks a triangle, T.				[1]
		Label the arrows S	and T.				
)		1		
						3	
		07					
© U(CR 200	UT IIII					

		7				
6	lshn	nael buys a packet of 40 balloons for a party.				
	(a)	25% of them are blue.				
		Work out 25% of 40.				
			(a) _		%	[2]
	(b)	$\frac{3}{5}$ of them are yellow.				
		Work out $\frac{3}{5}$ of 40.				
		5				
			(b)			[2]
					4	
				[Т	urn ov	/er
	CR 200	07		_		



© OCR 2007

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (OCR) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

OCR is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.









OXFORD CAMBRIDGE AND RSA EXAMINATIONS

B273/A

General Certificate of Secondary Education

MATHEMATICS C MODULE M3 – SECTION A Specimen Mark Scheme

The maximum mark for this paper is 25.

6		70			1	1
1	a)	73	1		1	
	b)	17	1			f.t. for 90 – their (a)
			2			
2	a)	£3·80	2			B1 for digits '38'
						Or M1 for (£)5 – their 2 x 60(p)
	b)	5.60	2			M1 for 8 x 70 seen
						or figs 56 seen
	c)	1.60	2			M1 for 16 ÷ 10
	•,	1.00				
			6			
		22	•			
3	a)	23	2			M1 for 27 or 4 seen or
						for answer 31
	b)	16	1			
	c)	6	1		1	
					1	
			4		1	
			L			
4	a)	3	1			Accept embedded answers in
	b)	15	1			either part
	,		2			
			~			
~	-)	Wran ev 4 single suit of 0				
5	a)	Wrong: 1 circle out of 8	1			Reason essential
	b)	S at between 0.5 and 2.5	1			No labels scores a maximum of 1
		cm from [1]				mark in (b)
		T at between 0 and 0.5 cm from [0]	1			
		from [0]				
			3			
						25
6	a)	10	2			M1 for $\frac{25}{100}$ x 40 or
						W1 for $50\% = 20$
	b)	24	2			M1 for $\frac{3}{50}$ x 40 or
						W1 for 8 seen
			4			
7		12	4		1	
1	a)		1		1	
	b)	7 One standal fan sjela a haas	1		1	
	c)	Greater total for girls + boys	1		1	Must mention total of both bars
		than for any other type			1	
	d)	Comment about a difference	1			Must include a comparison
1				1	1	1
			4			

Section A Total 25

Assessment Objectives Grid

Question	AO2	AO3	AO4	Total
1		2		2
2	6			6
3	4			4
4	2			2
5			3	3
6	4			4
7			4	4
Totals	16	2	7	25

BLANK PAGE