

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
General Certificate of Secondary Education

MATHEMATICS C
(Graduated Assessment)



1966/2331A

MODULE M1 – SECTION A

Wednesday **28 JUNE 2006** Morning 30 minutes

Candidates answer on the question paper.

Additional materials:
 Geometrical instruments
 Tracing paper (optional)

Candidate
Name

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Centre
Number

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Candidate
Number

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TIME 30 minutes

INSTRUCTIONS TO CANDIDATES

- Write your name, Centre number and candidate number in the boxes above.
- Answer **all** the questions.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- In many questions marks will be given for a correct method even if the answer is incorrect.
- 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 PROVIDED. ANSWERS WRITTEN ELSEWHERE WILL NOT BE MARKED.**

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this Section is 25.

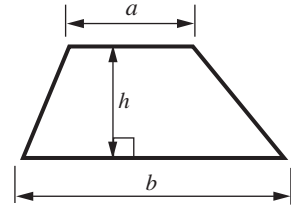
WARNING
 You are not allowed to use a
 calculator in Section A of this paper.

FOR EXAMINER'S USE	
Section A	
Section B	
TOTAL	

This question paper consists of 7 printed pages and 1 blank page.

Formula Sheet

Area of trapezium = $\frac{1}{2} (a + b)h$



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1 Find the missing numbers.

(a) ● + 7 = 10

(a) ● =[1]

(b) ▲ + ▲ = 8

(b) ▲ =[1]

2

2 (a) Complete this multiplication grid.

×	2	9
3	6	12
5	10	20	45
.....	14	28	63

[3]

(b) Use the grid to complete.

45 ÷ =

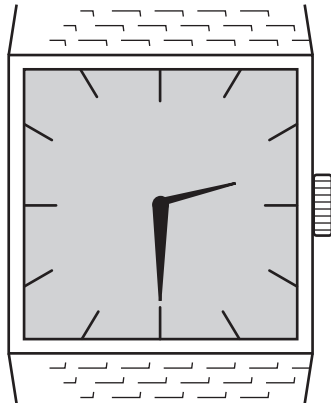
[1]

4

[Turn over

3 Jen plays in a hockey match.

(a) The first half starts at this time.



The first half of the match lasts for 40 minutes.

At what time does the first half finish?

(a)[2]

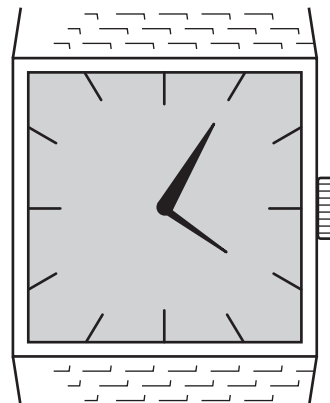
(b) There is a 10 minute break between each half.

At what time does the second half start?

(b)[1]

(c) The game should finish at four o'clock.
It finishes at the time shown here.

How much injury time is played?



(c)minutes [1]

4 Use numbers from this list to answer these questions.

6 7 11 15 30 37 40

(a) Write down all the odd numbers.

(a)[1]

(b) Write down all the numbers divisible by 10.

(b)[1]

(c) Write down all the numbers divisible by 5.

(c)[1]

(d) Which two of the numbers add up to 52?

(d)
.....[1]

(e) Which two of the numbers have a difference of 29?

(e)
.....[1]

5

5 Write these lengths in order of size, shortest first.

1.2 m	6 cm	6 m	12 cm
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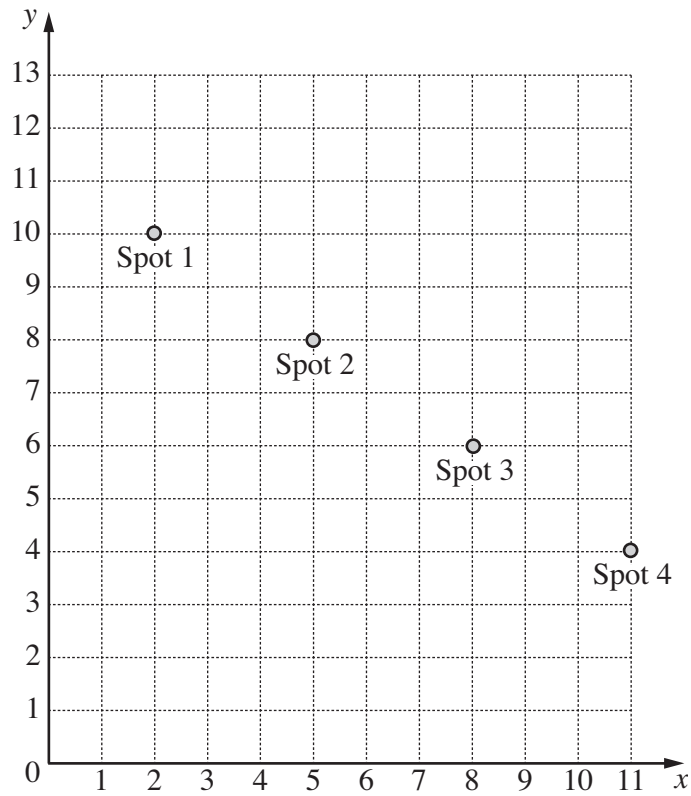
.....
shortest

[2]

2

[Turn over

6 Here is a pattern of spots.



(a) Complete this table.

Spot	Coordinates of spot
Spot 1	(..... ,)
Spot 2	(5 , 8)
Spot 3	(..... ,)
Spot 4	(11 , 4)
Spot 5	(..... ,)

You will need to work this out.

[3]

(b) How did you work out the coordinates of Spot 5?

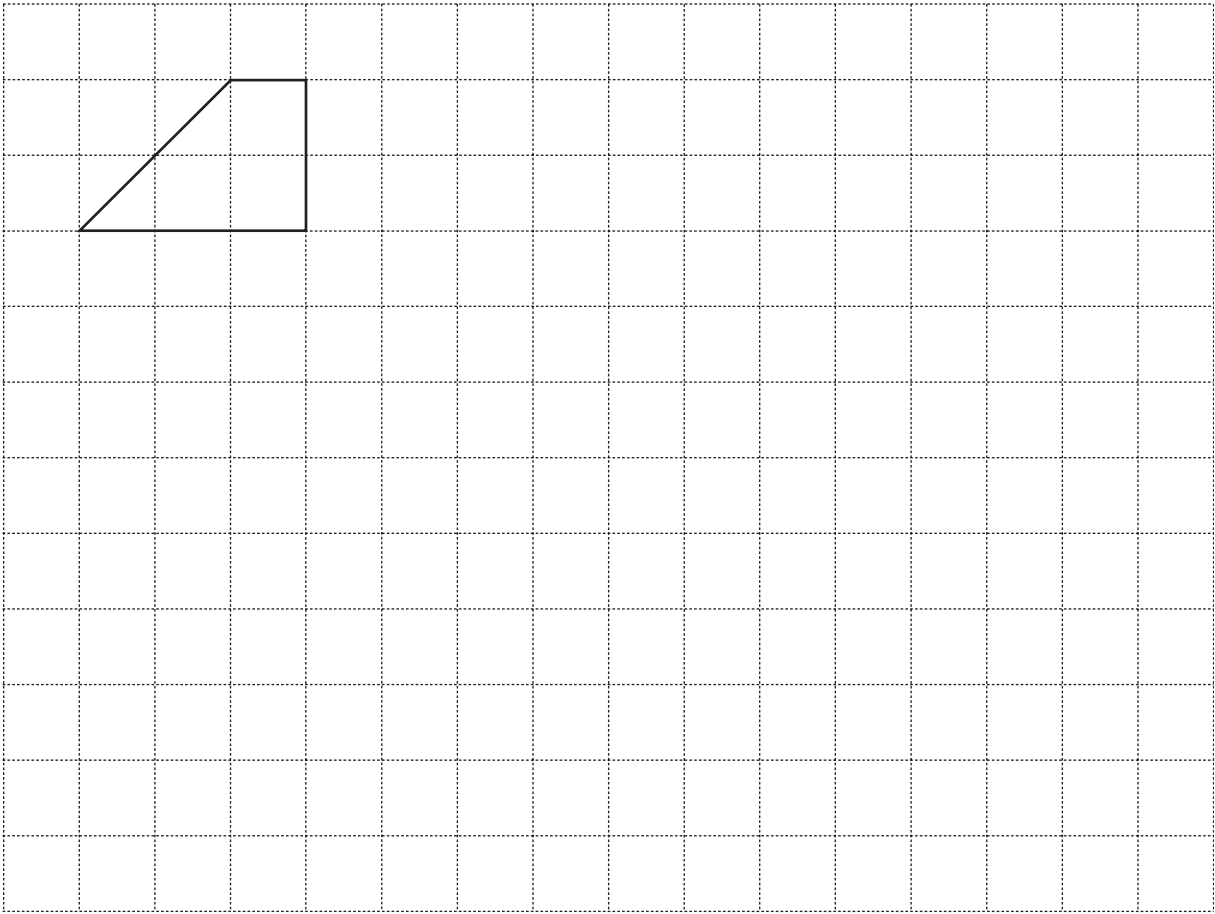
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.....

.....[2]

5

- 7 Draw an enlargement of this shape.
Make each line three times as long.



[3]

3

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