

FOR OFFICIAL USE

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F

KU RE

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Total Marks

2500/402

NATIONAL
QUALIFICATIONS
2010

WEDNESDAY, 5 MAY
9.40 AM – 10.20 AM

MATHEMATICS
STANDARD GRADE
Foundation Level
Paper 2

Fill in these boxes and read what is printed below.

Full name of centre

Town

Forename(s)

Surname

Date of birth

Day Month Year

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Scottish candidate number

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Number of seat

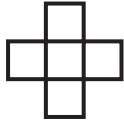
- You may use a calculator.**
- Answer as many questions as you can.
- Write your working and answers in the spaces provided. Additional space is provided at the end of this question-answer book for use if required. If you use this space, write clearly the number of the question involved.
- Full credit will be given only where the solution contains appropriate working.
- Before leaving the examination room you must give this book to the Invigilator. If you do not, you may lose all the marks for this paper.



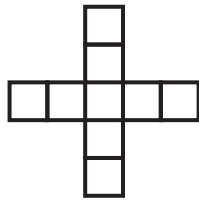
Marks

	KU	RE
4		
2		

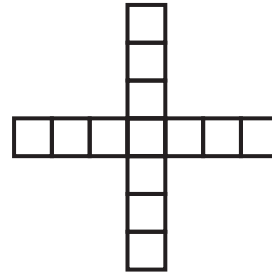
3. Anne is drawing crosses. Each cross is made up of squares as shown.



Cross number 1



Cross number 2



Cross number 3

(a) Complete this table.

Cross number	1	2	3	4	5	6		11
Number of squares	5	9						

WORKING

4

(b) Write down a rule for finding the number of squares if you know the cross number.

RULE

2

Marks

KU RE

4. The expenses for an Orienteering club outing are shown below.

Petrol for Minibus	£ 45.84
Lunches	£ 67.72
Maps	£ 27.50
Entry Fees to Course	£
	<hr/>
Total Expenses	£ 222.81
	<hr/>



Calculate the cost of the Entry Fees to the Course.

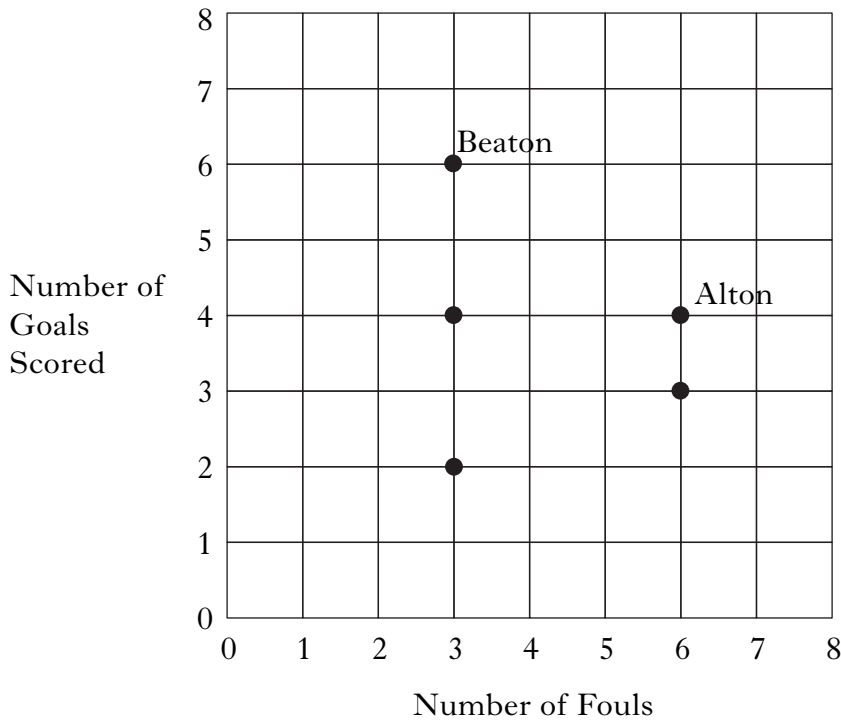
WORKING	
ANSWER	£

3

Marks

	KU	RE
1		
3		

10. Alex recorded the number of fouls and the number of goals scored by five local hockey teams one Saturday afternoon.



Alton had 6 fouls and scored 4 goals.

(a) How many goals were scored by Beaton?

ANSWER	goals
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1

(b) Use the clues below to label each dot on the diagram with the correct team name.

- Daiton scored the same number of goals as Alton.
- Beaton scored twice as many goals as Exton.
- Chelton had the same number of fouls as Beaton.

WORKING	
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3

