

FOR OFFICIAL USE

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F

KU RE

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Total Marks

2500/402

NATIONAL
QUALIFICATIONS
2007

THURSDAY, 3 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

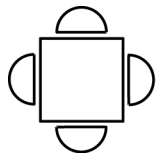
- You may use a calculator.**
- Answer as many questions as you can.
- Write your working and answers in the spaces provided. Additional space is provided at the end of this question-answer book for use if required. If you use this space, write clearly the number of the question involved.
- Full credit 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.



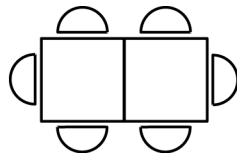
Marks

	KU	RE
4		
2		

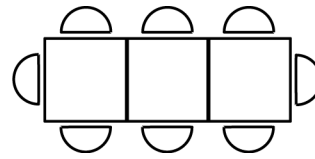
6. In a restaurant, tables and chairs are set out as shown below.



1 table



2 tables



3 tables

(a) Complete this table.

Number of tables	1	2	3	4	5	6		13
Number of chairs	4	6						

WORKING

4

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

RULE

2

KU	RE
1	
3	

11.

ATLETICO LEISURE CENTRE	
Activity	Ticket Price
Aquatrims	£3.20
Swim	£4.65
Aerobics	£3.25
Gym	£4.30
Sauna	£4.15

(a) Ian buys a ticket for the gym.
How much does this cost him?

ANSWER	£
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1

(b) Atletico Leisure Centre offers a special monthly ticket costing £25.
This special ticket allows you to use the activities as often as you wish for one month.
Janet buys a special monthly ticket.
She goes to Aerobics 10 times in that month.
How much does Janet save?

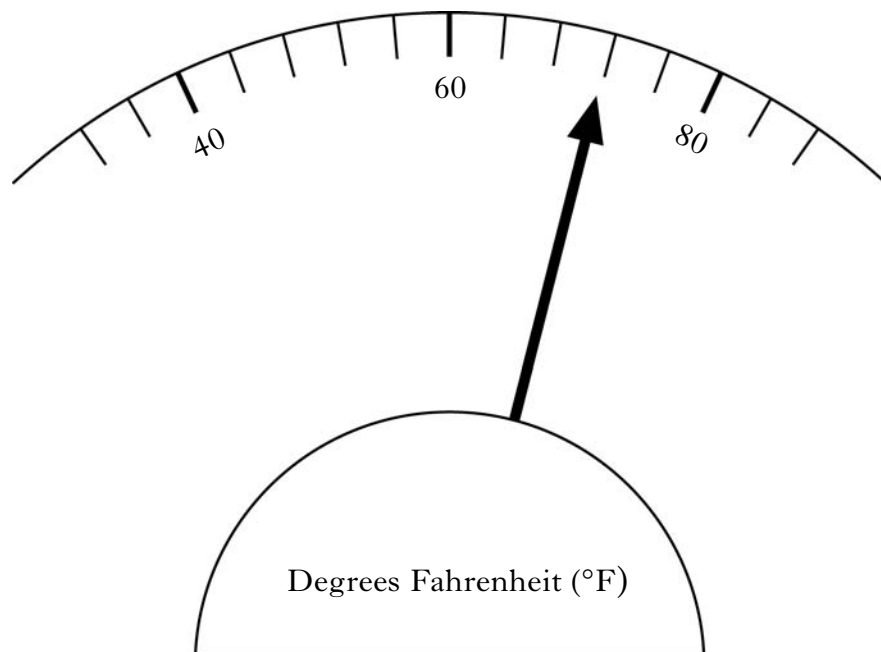
WORKING	
ANSWER	£

3

Marks

KU RE

14. The thermometer below shows the temperature in degrees Fahrenheit.



What temperature does the thermometer show?

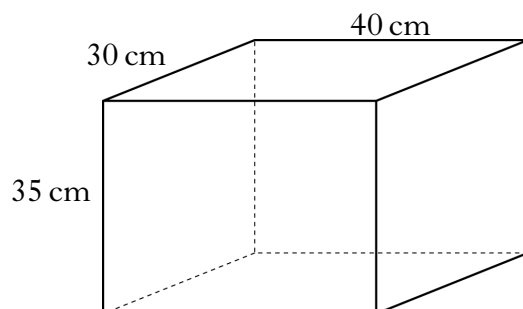
ANSWER		°F
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2

Marks

KU	RE

16. Ed makes a footstool. It is in the shape of a cuboid, 40 centimetres long, 30 centimetres broad and 35 centimetres high.

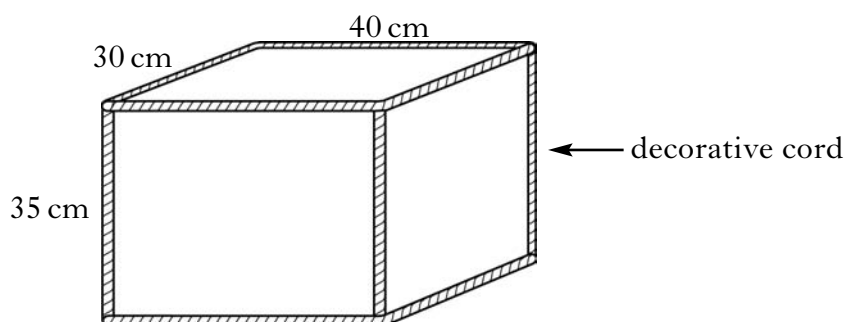


- (a) Calculate the volume of Ed's footstool.

WORKING	
ANSWER	cubic centimetres

2

- (b) Ed fills the footstool with foam and then puts a decorative cord around **all** the edges.



Calculate the **total length** of the decorative cord Ed needs to go around **all** the edges of the footstool.

WORKING	
ANSWER	centimetres

3

[END OF QUESTION PAPER]

ADDITIONAL SPACE FOR ANSWERS