

FOR OFFICIAL USE

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F

KU RE

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2500/402

NATIONAL
QUALIFICATIONS
2011

WEDNESDAY, 4 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.



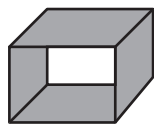
Marks

	KU	RE
4		
2		

6. A furniture company makes wooden shelf units in different sizes.

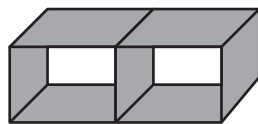
Some of the sizes are shown below.

Shelf size 1



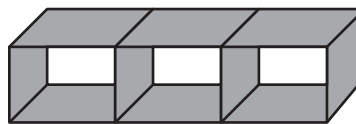
4 pieces of wood

Shelf size 2



7 pieces of wood

Shelf size 3



(a) Complete this table.

Shelf size	1	2	3	4	5	6		13
Number of pieces of wood	4	7						

WORKING

4

(b) Write down a rule for finding the number of pieces of wood if you know the shelf size.

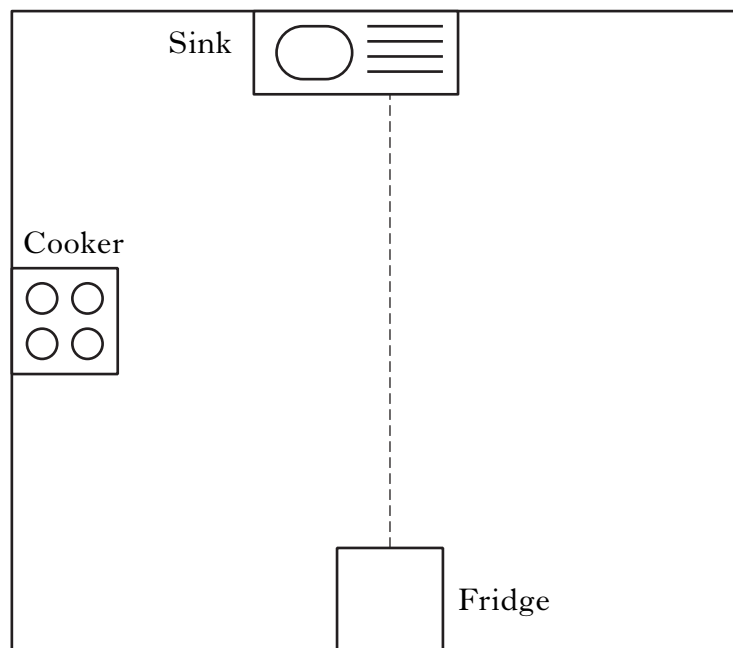
RULE

2

Marks

	KU	RE
1		
2		
1		

7. This is a plan of Gordon's kitchen.



(a) A broken line has been drawn on the plan to show the distance from the fridge to the sink.

Measure this distance.

ANSWER		centimetres
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1

(b) The scale of the plan is **1 centimetre represents 50 centimetres**.
Find the actual distance from the fridge to the sink in centimetres.

WORKING		
ANSWER		centimetres

2

(c) Write down the actual distance from the fridge to the sink **in metres**.

ANSWER		metres
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1

