



Rewarding Learning

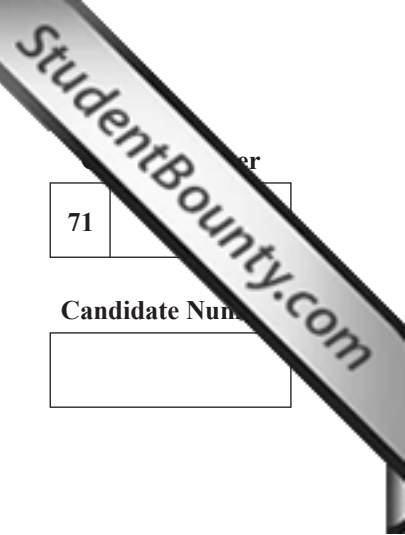
General Certificate of Secondary Education
January 2011

Mathematics

Module N1 Paper 1
(Non-calculator)
Foundation Tier

[GMN11]

TUESDAY 11 JANUARY
9.15 am – 10.00 am



71

Candidate Number

TIME

45 minutes.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.

Write your answers in the spaces provided in this question paper.

Answer **all thirteen** questions.

Any working should be clearly shown in the spaces provided since marks may be awarded for partially correct solutions.

You **must not** use a calculator for this paper.

INFORMATION FOR CANDIDATES

The total mark for this paper is 44.

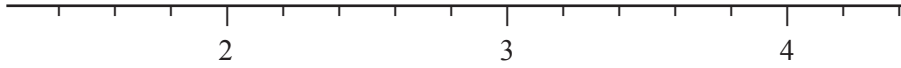
Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

You should have a ruler, compasses, set-square and protractor.

For Examiner's use only	
Question Number	Marks
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
Total Marks	



9



Draw and label arrows to show A, B and C on the number line above.

(a) A at 2.9

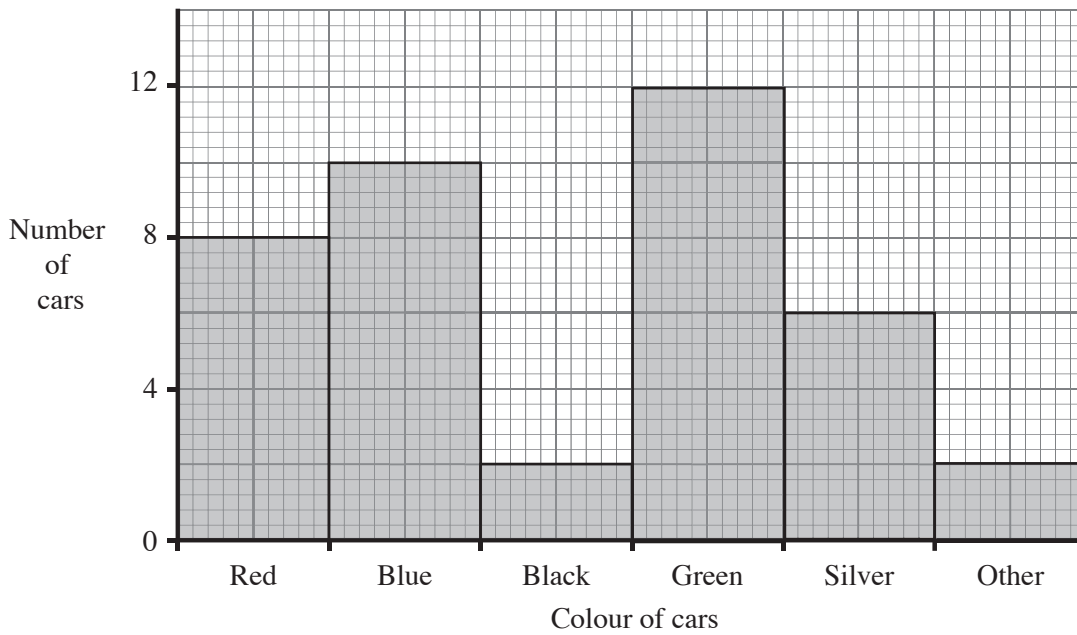
(b) B at $3\frac{2}{3}$

(c) C at $1\frac{1}{2}$

[3]

Examiner Only	
Marks	Remark

10 The colours of the cars passing the school gates were noted during a school day. The bar chart for the data is shown below.

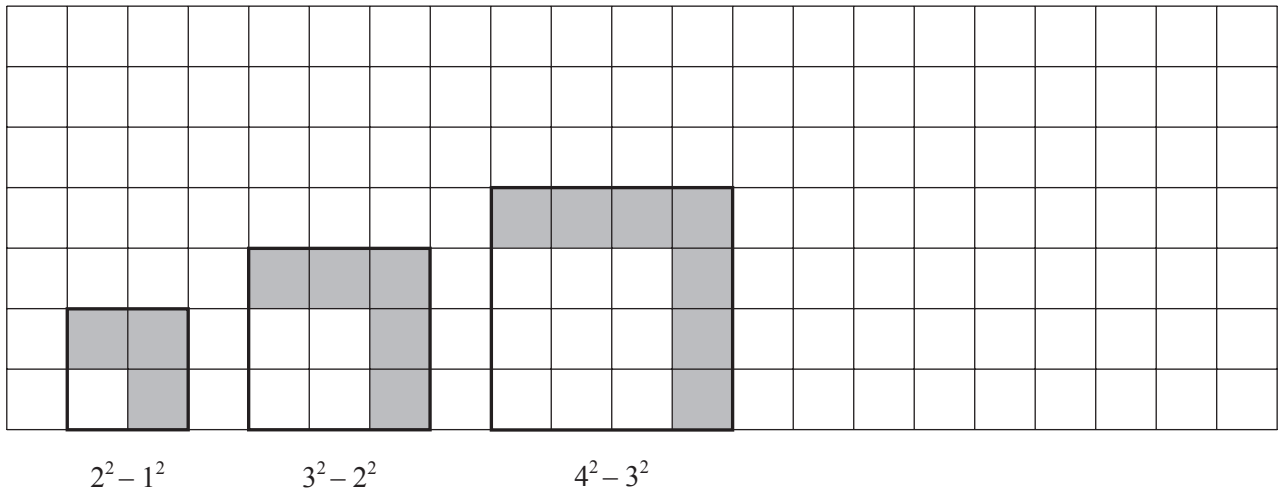


(a) How many red cars were there?

Answer _____ [1]

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11 A sequence of patterns is drawn below.



(a) Draw the pattern for $5^2 - 4^2$ [1]

(b) Fill in the blanks in the table

$2^2 - 1^2 = 4 - 1 = 3$ $3^2 - 2^2 = 9 - 4 = 5$ $4^2 - 3^2 = 16 - 9 = 7$ $5^2 - 4^2 = \underline{\quad} - \underline{\quad} = \underline{\quad}$
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[1]

Examiner Only	
Marks	Remark

THIS IS THE END OF THE QUESTION PAPER

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