

Centre No.						Paper Reference								Surname	Initial(s)
Candidate No.						5	3	8	1	F	/	5	A	Signature	

Paper Reference(s)

5381F/5A

Edexcel GCSE

Mathematics (Modular) – 2381

Paper 5 – Section A (Calculator)

Foundation Tier

Unit 1 Test – Data Handling

Tuesday 2 March 2010 – Morning

Time for Section A: 20 minutes



Examiner's use only

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Team Leader's use only

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Section	Leave Blank
A	
B	

Materials required for examination

Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser, calculator. Tracing paper may be used.

Items included with question papers

Nil

Instructions to Candidates

In the boxes above, write your centre number, candidate number, your surname, initials and signature. Check that you have the correct question paper. Answer ALL the questions. Write your answers in the spaces provided in this question paper. If you need more space to complete your answer to any question, use additional answer sheets.

Information for Candidates

The marks for individual questions and the parts of questions are shown in round brackets: e.g. (2). This section has 4 questions. The total mark for this section is 15. The total mark for this paper is 30. There are 8 pages in this question paper. Any blank pages are indicated. **Calculators may be used for Section A only.** If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

Advice to Candidates

Show all stages in any calculations. Work steadily through the paper. Do not spend too long on one question. If you cannot answer a question, leave it and attempt the next one. Return at the end to those you have left out.

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SECTION A

Answer ALL FOUR questions.

Write your answers in the spaces provided.

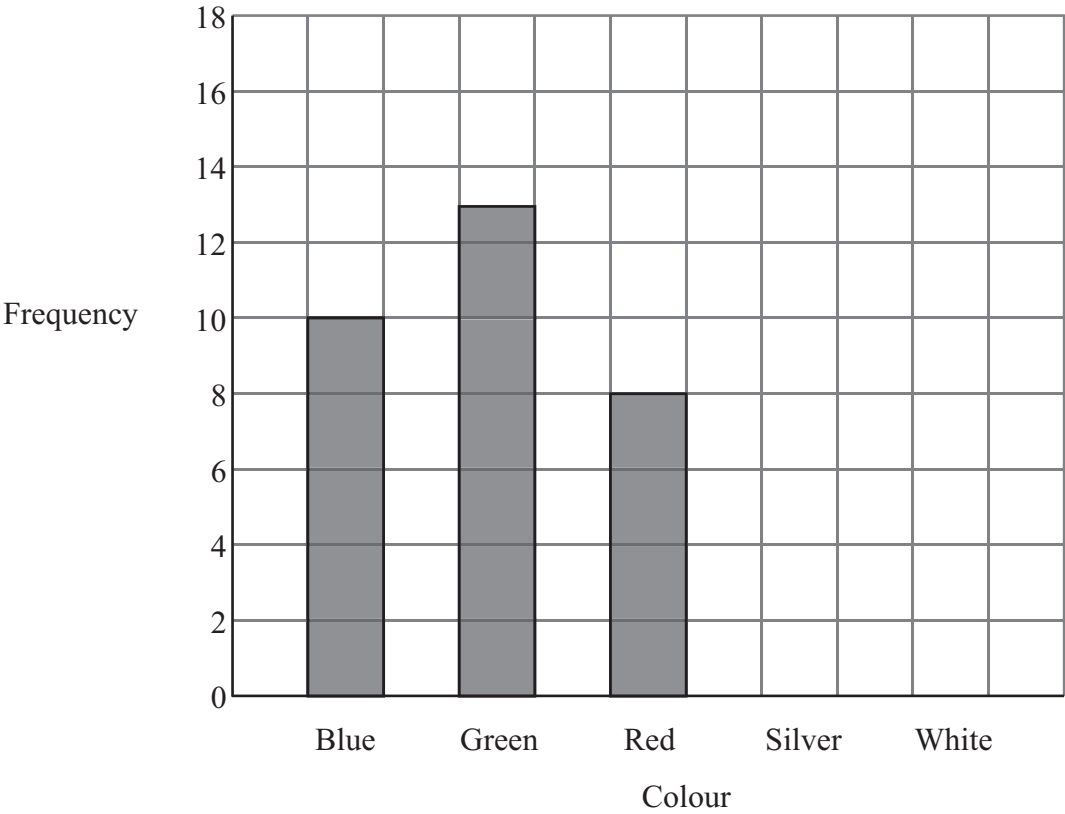
You may use a calculator in this section.

You must write down all stages in your working.

1. The table shows some information about the colours of all the cars in a car park.

Colour	Frequency
Blue	10
Green	13
Red	8
Silver	16
White	5

- (a) Complete the bar chart.



(2)



<p>(b) Which colour of car is the mode?</p> <p>.....</p> <p>(1)</p> <p>(c) Work out the total number of cars in the car park.</p> <p>.....</p> <p>(1)</p> <p>(Total 4 marks)</p>	<p>Leave blank</p> <p>Q1</p> <input type="text"/>
<p>2. Here are the weights, in kilograms, of seven parcels.</p> <p>1.5 2.0 1.1 1.2 2.8 1.6 1.9</p> <p>Find the median weight.</p> <p>.....kg</p> <p>(Total 2 marks)</p>	<p>Q2</p> <input type="text"/>



3. 75 people stayed at a hotel.

This two-way table shows some information about their gender and age group.

	Age group			Total
	5 - 14	15 - 24	25 - 74	
Male	9			
Female			20	39
Total		26	37	75

- (a) Complete the two-way table. (3)
- One of these people is to be picked at random.
- (b) Write down the probability that this person will be in the 15 – 24 age group.

..... (2) Q3

(Total 5 marks)





4. The manager of a supermarket records the waiting times of 50 customers at a checkout.

The table shows information about her results.

Waiting time (t seconds)	Frequency		
$0 \leq t < 60$	3		
$60 \leq t < 120$	7		
$120 \leq t < 180$	20		
$180 \leq t < 240$	15		
$240 \leq t < 300$	5		

Work out an estimate for the mean.

..... seconds

(Total 4 marks)

TOTAL FOR SECTION A: 15 MARKS

END

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Q4



N 3 6 4 0 6 A 0 5 0 8



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