

Centre No.						Paper Reference (complete below)	Surname	Initial(s)
Candidate No.						5	F / A	Signature

Paper Reference(s)

**5542F/8A 5381F/5A**  
**Edexcel GCSE**  
**Mathematics B (Modular) – 2544**

Paper 8 – Section A (Calculator)

Unit 2 Test – Data Handling

**Mathematics (Modular) – 2381**

Paper 5 – Section A (Calculator)

Unit 1 Test – Data Handling

**Foundation Tier**

Thursday 12 June 2008 – Morning

Time for Section A: 20 minutes



**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

Examiner's use only

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Team Leader's use only

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Section	Leave Blank
A	
B	

**Instructions to Candidates**

In the boxes above, write your centre number, candidate number, the paper reference, your surname, initials and signature. The paper reference is shown above. If more than one paper reference is shown, you should write the reference of the paper for which you have been entered.

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 5 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  $\pi$  button, take the value of  $\pi$  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 FIVE questions.**

**Write your answers in the spaces provided.**

**You must write down all stages in your working.**

1. The table shows some information about five children.

<b>Name</b>	<b>Gender</b>	<b>Age</b>	<b>Hair Colour</b>
Aaron	Male	6	Black
Becky	Female	10	Brown
Kim	Female	6	Brown
Darren	Male	9	Blonde
Emily	Female	4	Red

- (a) Write down the colour of Darren's hair.

.....  
**(1)**

- (b) Write down the name of the oldest child.

.....  
**(1)**

- (c) Work out the mean of the ages of the children.

.....  
**(2)**

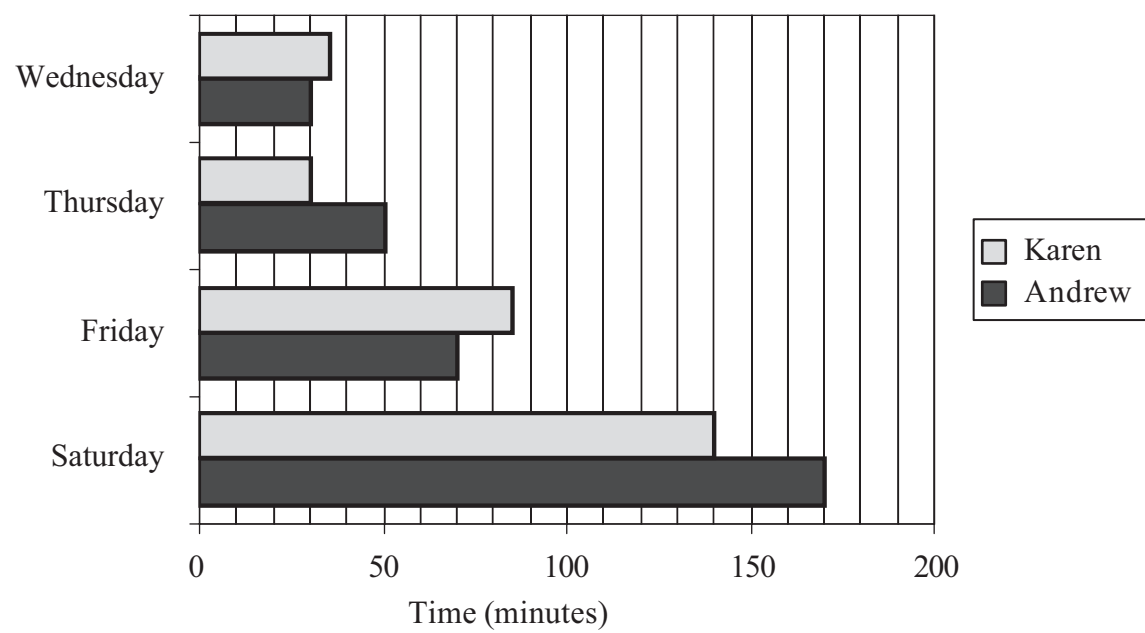
**(Total 4 marks)**

**Q1**



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2. The bar chart shows information about the amount of time, in minutes, that Andrew and Karen spent watching television on four days last week.



Karen spent more time watching television than Andrew on two of these four days.

(a) Write down these two days.

.....  
and .....  
(2)

(b) Work out the total amount of time Andrew spent watching television on these four days.

..... minutes  
(2)

(Total 4 marks)

Q2



Leave  
blank

3. The two-way table shows some information about the number of students in a school.

	Year Group			Total
	9	10	11	
Boys			125	407
Girls		123		
Total	303	256		831

Complete the two-way table.

Q3

(Total 3 marks)

4. Valerie is the manager of a supermarket.

She wants to find out how often people shop at her supermarket.  
She will use a questionnaire.

Design a suitable question for Valerie to use on her questionnaire.  
You must include some response boxes.

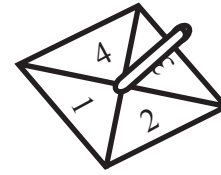
Q4

(Total 2 marks)



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5. Marco has a 4-sided spinner.  
The sides of the spinner are numbered 1, 2, 3 and 4  
The spinner is biased.



The table shows the probability that the spinner will land on each of the numbers 1, 2 and 3

Number	1	2	3	4
Probability	0.20	0.35	0.20	

Work out the probability that the spinner will land on the number 4

.....

(Total 2 marks)

Q5

**TOTAL FOR SECTION A: 15 MARKS**

**END**



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