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

Paper Reference(s)

5381F/5A

Examiner's use only

Team Leader's use only

Edexcel GCSE

Mathematics (Modular) – 2381

Paper 5 – Section A (Calculator)

Foundation Tier

Unit 1 Test – Data Handling

Tuesday 3 March 2009 – Morning

Time for Section A: 20 minutes

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 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 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

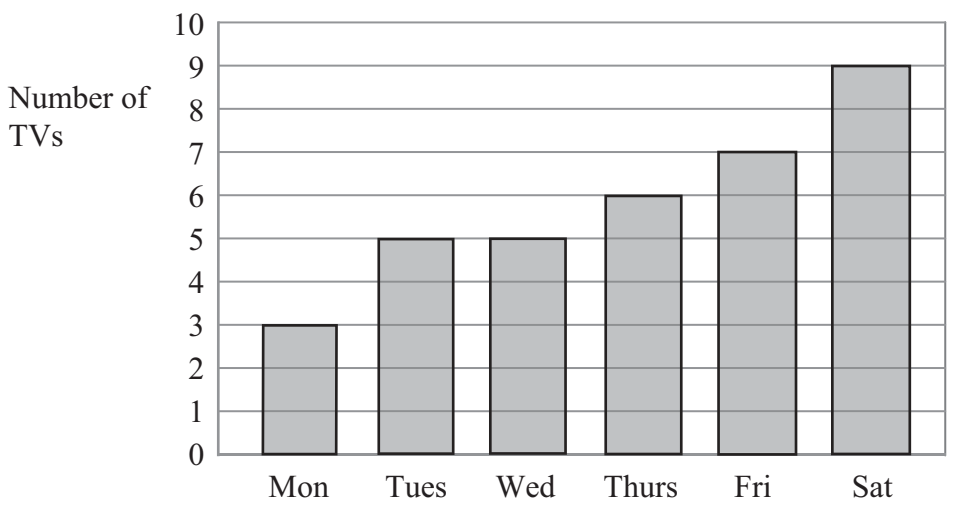
Answer ALL FIVE questions.

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 bar chart shows the number of TVs sold by a shop six days last week.



(a) How many TVs were sold on Friday?

.....

(1)

(b) On which day was the **least** number of TVs sold?

.....

(1)

(c) On which two days were the same number of TVs sold?

..... and .....

(1)

Q1

(Total 3 marks)

Leave blank

2. Nick has 6 coins.
Each coin comes from a different country.
Here is some information about these coins.

Coin	Country	Shape	Weight (g)
20 pence	United Kingdom	7-sided	5
500 yen	Japan	circular	7
10 centime	Switzerland	circular	3
1 dollar	Canada	11-sided	7
2 rupee	India	11-sided	6
5 cent	United States	circular	5

(a) Which coin comes from Switzerland?

.....

(1)

(b) Which coin has the same weight as the 500 yen coin?

.....

(1)

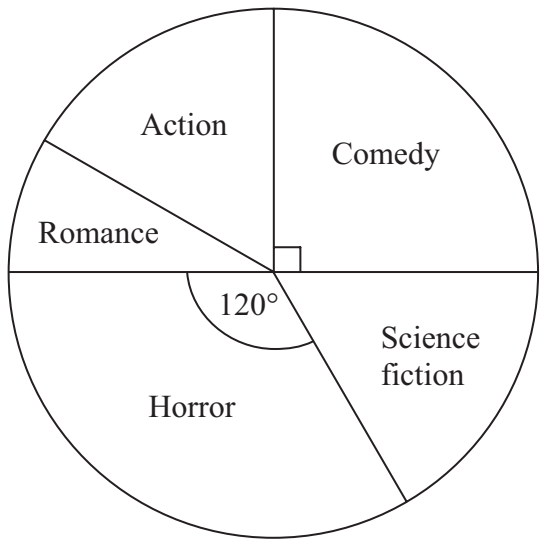
Q2

(Total 2 marks)

Leave blank

3. Colin carried out a survey.
He asked some students in Year 10 which type of film they liked best.

He used the results to draw this pie chart.



(a) What fraction of the students said "Comedy"?

.....

(1)

20 students said "Horror".

(b) Work out the total number of students Colin asked.

.....

(2) **Q3**

(Total 3 marks)

Leave blank

4. 80 children went on a school trip.
They went to London or to York.

23 boys and 19 girls went to London.
14 boys went to York.

(a) Use this information to complete the two-way table.

	London	**York**	**Total**
Boys			
Girls			
Total			

(3)

One of these 80 children is chosen at random.

(b) What is the probability that this child went to London?

.....

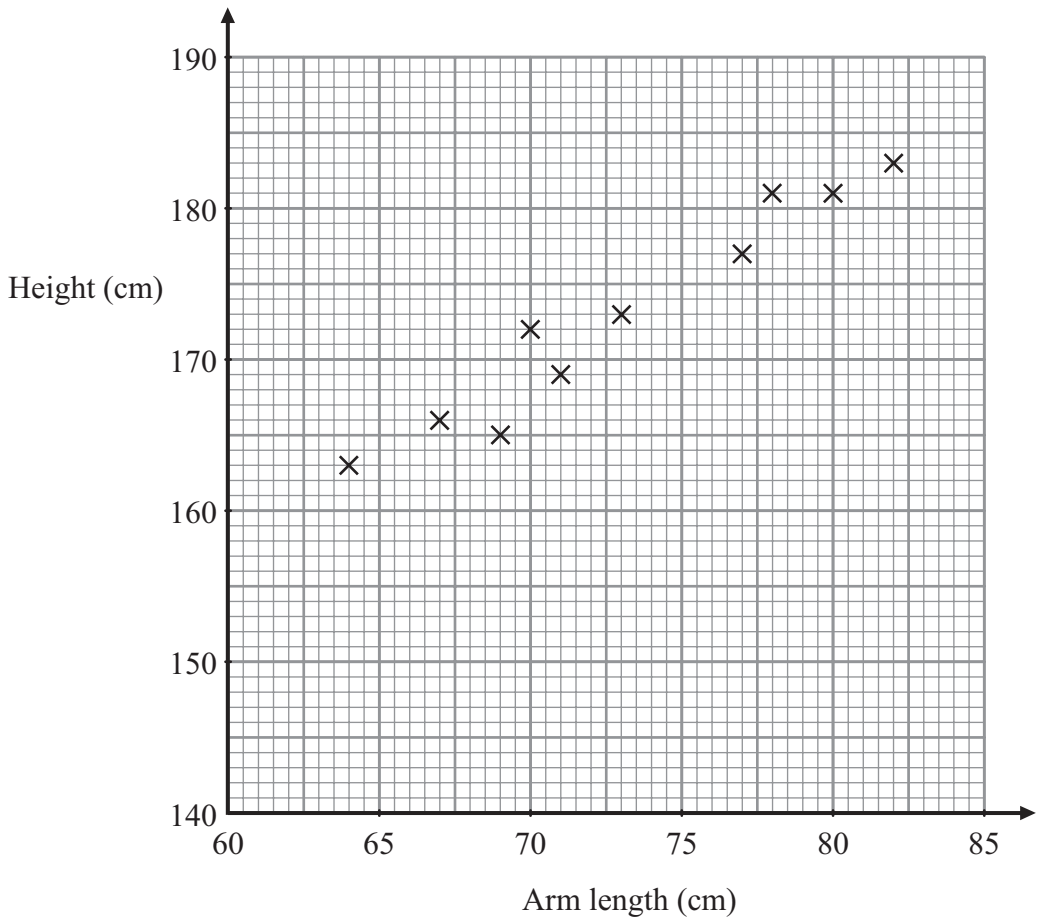
(1)

(Total 4 marks)

Q4

Leave blank

5. The scatter graph shows some information about 10 students.
It shows the arm length and the height of each student.



(a) What type of correlation does this scatter graph show?

.....
(1)

(b) Draw a line of best fit on the scatter graph.

(1)

Another student has an arm length of 75 cm.

(c) Use your line of best fit to estimate the height of this student.

..... cm
(1)

Q5

(Total 3 marks)

TOTAL FOR SECTION A: 15 MARKS

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