Examiner's use only

Team Leader's use only

Edexcel GCSE

Mathematics
Unit 1 – Section B – (Non-Calculator)
Data Handling

Foundation Tier

Specimen Paper
Time: 20 minutes

Materials required for examination
Ruler graduated in centimetres and
millimetres, protractor, compasses,
pen, HB pencil, eraser.
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)**.
There are 4 questions in this question paper. The total mark for this section is 15.
There are 4 pages in this question paper. Any blank pages are indicated.
Calculators must not be used.

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.

N 2 5 4 7 8 A 0 1 0 4

Turn over

edexcel
advancing learning, changing lives

SECTION B
Answer ALL FOUR questions.
Write your answers in the spaces provided.
You must NOT use a calculator for this section.
You must write down all stages of your working.

1.   Luigi and Francesca carried out a survey of the vehicles passing their house.
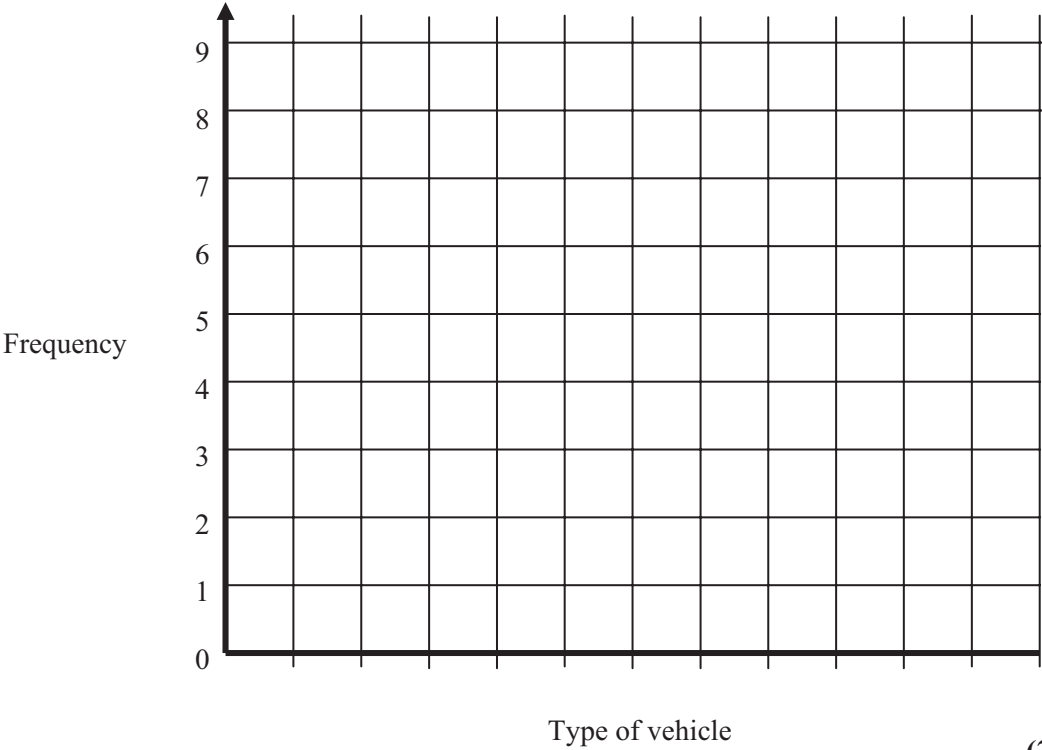   Here are their results.

Car	Van	Lorry	Bike	Bus	Car
Van	Car	Car	Van	Lorry	Bike
Bike	Bike	Van	Lorry	Bike	Car
Car	Bus	Lorry	Car	Lorry	Bike

   (a) Complete the tally **column** and frequency column in the frequency table.

Type of vehicle	**Tally**	**Frequency**
Car		
Van		
Lorry		
Bike		
Bus		

(2)

   (b) Draw a bar chart for this data on the grid.

Frequency

Type of vehicle

(2)

   (c) Which type of vehicle was most common?

....

(1)

(Total 5 marks)

2. Phil rolls a dice and flips a coin once.

Work out the probability that he gets a 6 and a head.

....

(Total 3 marks)

3. 60 British students each visited one foreign country last week.

This two-way table shows information about which countries the students visited.

	France	Germany	Spain	Total
Female			9	34
Male	15			
Total		25	18	60

(a) Complete the two-way table.

(3)

One of the students is picked at random.

(b) Write down the probability that this student visited Germany last week.

....

(1)

(Total 4 marks)

4. Tom collects information about the age and cost of some Ford Mondeo cars.

He plots a scatter graph of his results. Here is his graph.
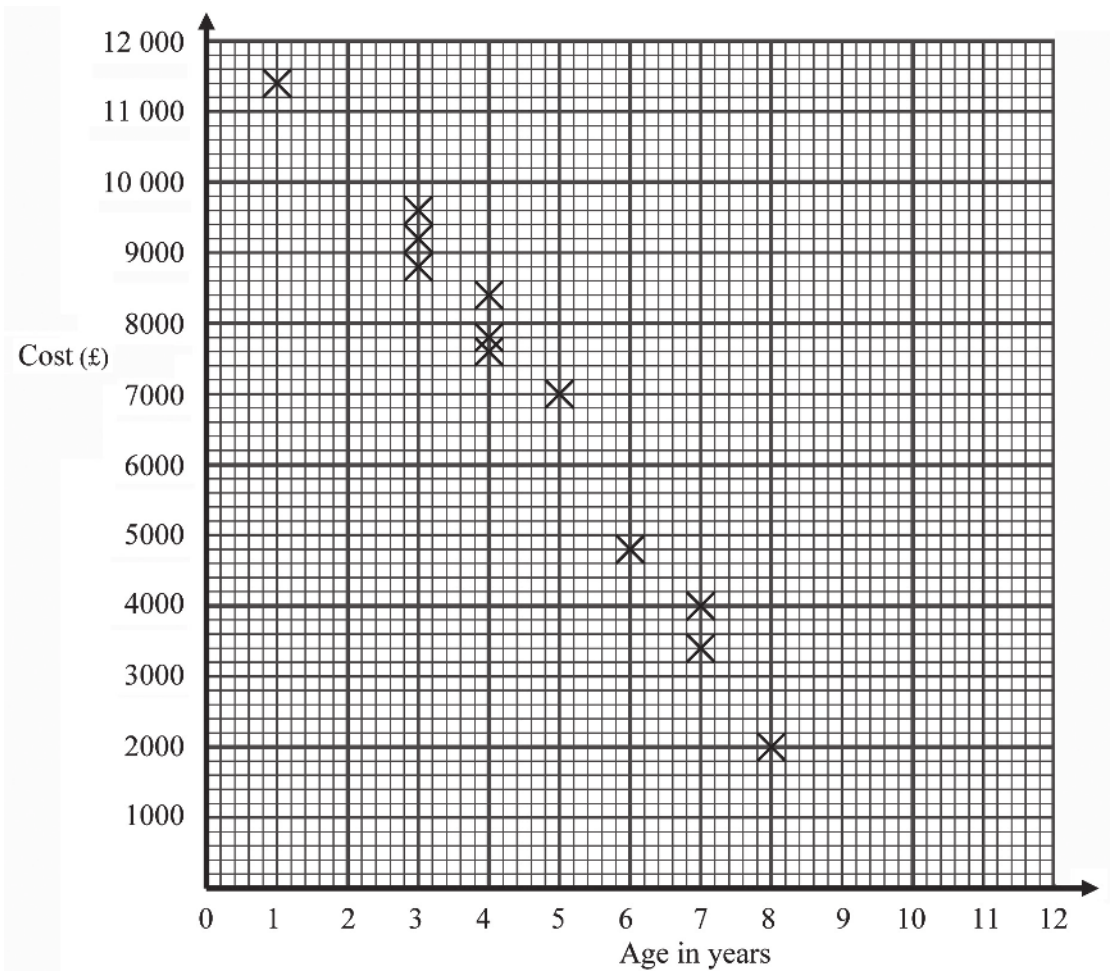
Tom collects data on 3 more Ford Mondeo cars.

Age	2	7	9
Cost (£)	10 000	3000	1000

(a) Plot these points onto the scatter graph.

(1)

(b) Estimate the price of a car which is 9 years old.

....

(2)

(Total 3 marks)

TOTAL FOR SECTION B: 15 MARKS

END