

Centre No.						Paper Reference				Surname	Initial(s)			
Candidate No.						1	3	8	0	/	3	H	Signature	

Paper Reference(s)

**1380/3H**

**Edexcel GCSE**

**Mathematics (Linear) – 1380**

Paper 3 (Non-Calculator)

**Percentages**

Past Paper Questions

Arranged by Topic



Examiner's use only

--	--	--

Team Leader's use only

--	--	--

**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.

**You must NOT write on the formulae page.**

**Anything you write on the formulae page will gain NO credit.**

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 26 questions in this question paper. The total mark for this paper is 100.

There are 24 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.

Lots more free papers at:

<http://bland.in>

Compiled by Peter Bland






*Turn over*

**edexcel**  
advancing learning, changing lives

More free papers and model answers from <http://bland.in>

Leave  
blank

1. A tin of cat food costs 40p.  
A shop has a special offer on the cat food.

<b>Special offer</b>		
Pay for 2 tins and get 1 tin free		
		

Julie wants 12 tins of cat food.

- (a) Work out how much she pays.

£ .....  
(3)

9 of the 12 tins are tuna.

- (b) Write 9 out of 12 as a percentage.

..... %  
(2)

The normal price of a cat basket is £20  
In a sale, the price of the cat basket is reduced by 15%.

- (c) Work out the sale price of the cat basket.

£ .....  
(3)

**(Total 8 marks)**

Q1

2. A school shop sells four flavours of crisps.

Sandra kept a record of the sales of crisps in one week.  
The table gives some information about the sales.

Flavour	Percentage sales
Plain	25%
Salt & Vinegar	40%
Cheese & Onion	20%
Beef	

(a) Complete the table.

(1)

(b) Which flavour of crisp had the highest percentage sales?

.....  
(1)

(c) Write 25% as a fraction in its simplest form.

.....  
(2)

The school shop sold 200 packets of crisps that week.

(d) How many packets of Cheese & Onion crisps were sold during that week?

.....  
(2)

Q2

(Total 6 marks)

Leave  
blank

3. The table shows the percentage of each type of book in a library.

Type of book	Percentage
Children's	24%
General	42%
Mystery	13%
Romance	15%
Science fiction	2%
Thriller	4%

(a) What type of book has the smallest percentage?

.....  
(1)

(b) Write 13% as a decimal.

.....  
(1)

(c) Write 24% as a fraction.  
Give your answer in its simplest form.

.....  
(2)

There are 3000 books in the library.

(d) Work out 15% of 3000

.....  
(2)

**(Total 6 marks)**

**Q3**



<p>4. Hajra's weekly pay this year is £240 This is 20% more than her weekly pay last year.</p> <p>Bill says 'This means Hajra's weekly pay last year was £192'.</p> <p>Bill is wrong.</p> <p>(a) Explain why.</p> <p>.....</p> <p>.....</p> <p style="text-align: right;"><b>(1)</b></p> <p>(b) Work out Hajra's weekly pay last year.</p> <p style="text-align: right;">£ .....</p> <p style="text-align: right;"><b>(2)</b></p> <p style="text-align: right;"><b>(Total 3 marks)</b></p>	<p>Leave blank</p> <p style="text-align: center;"><b>Q4</b></p> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>





	Leave blank <input type="checkbox"/>
<p>5. A hotel has 56 guests. 35 of the guests are male.</p> <p>(a) Work out 35 out of 56 as a percentage.</p> <p>..... % (2)</p> <p>40% of the 35 male guests wear glasses.</p> <p>(b) Write the number of male guests who wear glasses as a fraction of the 56 guests. Give your answer in its simplest form.</p> <p>..... (4)</p> <p><b>(Total 6 marks)</b></p>	<b>Q5</b> <input type="checkbox"/>

6. In a sale the normal price of a book is reduced by 10%.  
The sale price of the book is £4.86

Calculate the normal price of the book.

£.....

Q6

(Total 3 marks)

**BLANK PAGE**