

Centre No.						Paper Reference				Surname	Initial(s)		
Candidate No.						1	3	8	0	/	4	H	Signature

Paper Reference(s)

1380/4H

Edexcel GCSE

Mathematics (Linear) – 1380

Paper 4 (Calculator)

Fractions

Past Paper Questions

Arranged by Topic



Examiner's use only

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Team Leader's use only

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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.

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 may be used.

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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1. (a) Use your calculator to work out $\frac{4.7}{9.4-3.5}$

Write down all the figures on your calculator display.

.....
(2)

- (b) Write these numbers in order of size.
Start with the smallest number.

0.82 $\frac{4}{5}$ 85% $\frac{2}{3}$ $\frac{7}{8}$

.....
Q1

(2)
(Total 4 marks)

2. The two-way table shows some information about students in Years 7, 8 and 9.

	Year 7	Year 8	Year 9	Total
Can swim		61	74	
Cannot swim	33			60
Total			84	250

Complete the two-way table.

Q2

(Total 3 marks)

<p>3. A concert ticket costs £45 plus a booking charge of 15%.</p> <p>Work out the total cost of a concert ticket.</p> <p style="text-align: right;">£</p> <p style="text-align: right;">(Total 3 marks)</p>	<p>Leave blank</p> <p style="text-align: center;">Q3</p> <input style="width: 20px; height: 20px;" type="text"/>
<p>4. A shop sells CDs and DVDs.</p> <p>In one week the number of CDs sold and the number of DVDs sold were in the ratio 3:5</p> <p>The total number of CDs and DVDs sold in the week was 728</p> <p>Work out the number of CDs sold.</p> <p style="text-align: right;">.....</p> <p style="text-align: right;">(Total 2 marks)</p>	<p style="text-align: center;">Q4</p> <input style="width: 20px; height: 20px;" type="text"/>

5. Michael buys 3 cartons of milk.

The total cost of these 3 cartons of milk is £4.20

Work out the total cost of 7 of these cartons of milk.



£

(Total 3 marks)

6

6. Andy sells CDs

He sells each CD for £8.80 plus VAT at $17\frac{1}{2}\%$

He sells 650 CDs

Work out how much money Andy receives.

£

(Total 4 marks)

7



7. Three boys shared £48 in the ratio 5:4:3

Daniel received the smallest amount.

(a) Work out the amount Daniel received.

£
(3)

A year ago, Daniel's height was 1.24 metres.
Daniel's height has now increased by 9.5%.

(b) Work out Daniel's height now.
Give your answer to an appropriate degree of accuracy.

..... m
(4)

(Total marks)

Q14



Leave
blank

8. A garage sells British cars and foreign cars.

The ratio of the number of British cars sold to the number of foreign cars sold is 2 : 7

The garage sells 45 cars in one week.

(a) Work out the number of British cars the garage sold that week.

.....
(2)

A car tyre costs £80 plus VAT at $17\frac{1}{2}\%$.

(b) Work out the total cost of the tyre.

£
(3)

The value of a new car is £12 000

The value of the car depreciates by 20% per year.

(c) Work out the value of the car after 2 years.

£
(3)

(Total 8 marks)

Q8



<p>9. There are some sweets in a bag.</p> <p>18 of the sweets are toffees. 12 of the sweets are mints.</p> <p>(a) Write down the ratio of the number of toffees to the number of mints. Give your ratio in its simplest form.</p> <p style="text-align: right;">..... :</p> <p style="text-align: right;">(2)</p> <p>There are some oranges and apples in a box. The total number of oranges and apples is 54 The ratio of the number of oranges to the number of apples is 1 : 5</p> <p>(b) Work out the number of apples in the box.</p> <p style="text-align: right;">.....</p> <p style="text-align: right;">(2)</p> <p style="text-align: right;">(Total 4 marks)</p>	Leave blank
	Q9 <input type="text"/>





<p>10. Toby invested £4500 for 2 years in a savings account. He was paid 4% per annum compound interest.</p> <p>(a) How much did Toby have in his savings account after 2 years?</p> <p>£</p> <p>(3)</p> <p>Jaspir invested £2400 for n years in a savings account. He was paid 7.5% per annum compound interest.</p> <p>At the end of the n years he had £3445.51 in the savings account.</p> <p>(b) Work out the value of n.</p> <p>.....</p> <p>(2)</p> <p>(Total 5 marks)</p>	Leave blank
	Q10 <input type="checkbox"/>

11. (a) Work out $\frac{2}{3} \div \frac{5}{6}$

Give your fraction in its simplest form.

.....
(3)

(b) Work out $2\frac{1}{3} - 1\frac{2}{5}$

.....
(3)

Q11

(Total 6 marks)

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