

## 1380/4H Edexcel GCSE

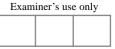
### Mathematics (Linear) – 1380

Paper 4 (Calculator)

# Fractions

Past Paper Questions

Arranged by Topic



Team Leader's use only



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

#### **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  $\pi$  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.







		4.7				Leave blank
<b>1.</b> (a) Use your c	alculator to work	$\frac{4.7}{9.4 - 3.5}$	-			
Write down	n all the figures of	on your calcul	ator display			
					(2	 2)
	e numbers in orde					
				2 7		
	0.82	$\frac{4}{5}$ 8	35%	$\frac{2}{3}$ $\frac{7}{8}$		
						01
					() (Total 4 marks)	QI 2)
2. The two-way ta	able shows some	information a	bout studen	ts in Years 7, 8	3  and  9.	
	Year 7	Year 8	Year 9	Total	_	
Can swim		61	74			
Cannot swim	33			60	_	
Total			84	250		
Complete the ty	wo-way table.					
-						02
					(Total 3 marks	Q2

	Leave
<b>3.</b> A concert ticket costs £45 plus a booking charge of 15%.	blank
<b>5.</b> A concert ticket costs 245 plus a booking charge of 15%.	
Work out the total cost of a concert ticket.	
£	Q3
(Total 3 marks)	
<ul><li>4. A shop sells CDs and DVDs.</li><li>In one week the number of CDs sold and the number of DVDs sold were in the ratio 3:5 The total number of CDs and DVDs sold in the week was 728</li></ul>	
Work out the number of CDs sold.	
	Q4
(Total 2 marks)	
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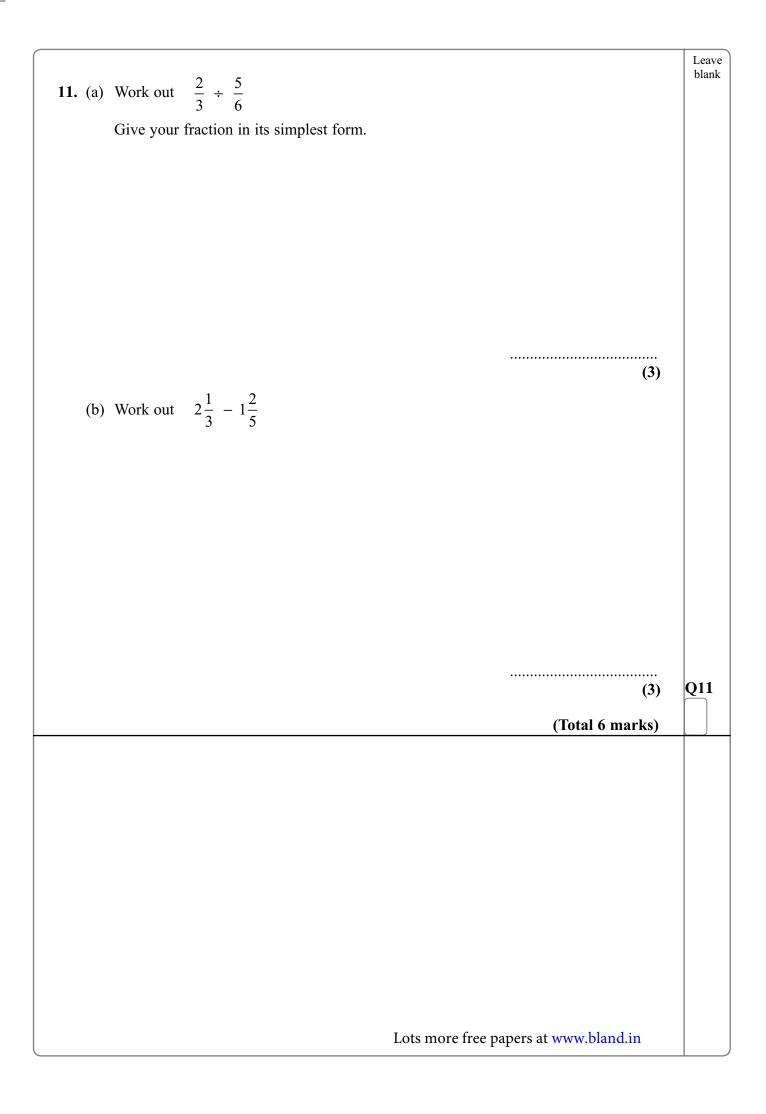
5.Michael buys 3 cartor	ns of milk.				ł
	nese 3 cartons of mil	k is £4.20			
	cost of 7 of these ca			MILK	
			WITK		
			£		н -
				(Total 3 marks)	
6. Andy sells CDs He sells each CD f	or £8.80 plus VAT a	at $17\frac{1}{2}$ %			
He sells 650 CDs					
Work out how muc	h money Andy recei	ves.			
					a an an an a sa a sa a sa a gung a gung a gung gung gung gung gu
					and a second
					an a
				£	
				(Total 4 marks)	
		L ata m	ara fraa nanara	ıt www.bland.in	

		bla	ave ink
7.	Three boys shared £48 in the ratio $5:4:3$		
	Daniel received the smallest amount.		
	(a) Work out the amount Daniel received		
7. Three boys shared £48 in the ratio 5:4:3         Daniel received the smallest amount.         (a) Work out the amount Daniel received. <i>£</i>			
	£		
	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.	(3) (3) (3)	
	m		
	(4)		Q1
	(3) ago, Daniel's height was 1.24 metres. Is height has now increased by 9.5%. ork out Daniel's height now. We your answer to an appropriate degree of accuracy. m (4)		
	iel received the smallest amount. Work out the amount Daniel received. <i>£</i>		
	Lots more free papers at www.bland.in		

8. A garage sells British cars and foreign cars.		Leave blank
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 the	hat 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 $\pounds 12000$ The value of the car depreciates by 20% per year.		
(c) Work out the value of the car after 2 years.		
	£	
	(3)	<b>Q8</b>
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		Leave blank
9.	There are some sweets in a bag.	Dialik
	18 of the sweets are toffees.	
	12 of the sweets are mints.	
	<ul><li>(a) Write down the ratio of the number of toffees to the number of mints. Give your ratio in its simplest form.</li></ul>	
	(2)	
	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	
	(b) Work out the number of apples in the box.	
	(2)	Q9
	(Total 4 marks)	
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	Lots more nee papers at www.bland.m	

	T-1	L   ł
<b>J</b> •	Toby invested £4500 for 2 years in a savings account. He was paid 4% per annum compound interest.	
	(a) How much did Toby have in his savings account after 2 years?	
	£	
	Jaspir invested £2400 for $n$ years in a savings account. He was paid 7.5% per annum compound interest.	
	At the end of the $n$ years he had £3445.51 in the savings account.	
	(b) Work out the value of <i>n</i> .	
	(2)	Q



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