## Non-Calculator

Q1		
₹.	Billy wants to buy these tickets for a show.	
	4 adult tickets at £15 each	
	2 child tickets at £10 each	
	A 10% booking fee is added to the ticket price.	
	3% is then added for paying by credit card.	
	Work out the total charge for these tickets when paying by credit card.	
	Answer £	
		(Total 5 marks)
-		
Q2	'. Work out 51% of 400	
	Work out 51% of 400	
	Answer	
		(Total 2 marks)

Q3. Increase	£190	by	35%
	Answer £		
			(Total 3 marks)
Q4.	·- coooo		
The cash price for a boiler Customers can pay the ca	sh price or pay monthly	<b>y</b> .	
Cash Price	Pay	Monthly	
£2000	60 monthly	payments of £40	
Work out the percentage i	increase from the cash	price when paying monthl	y.
			<del></del>
	Answer		% (Total 4 marks)

40	00 × 0.07	400 × 0.7	400 × 1.07	400 × 1.7 (Total 1 mar
.) W	/ork out 1.!	56 ÷ 0.4		
) W	/rite down a de	cimal that is more than	$\frac{7}{11}$ and less than $\frac{7}{9}$	
		Answer		(
:) W	/rite down a fra	ction that is more than	41% and less than 42%	
		Answer		

Q7	What is 150% of 36?	?				
	Circle your answer.					
	18	24	4 54	4	186	
						(Total 1 mark)
Q8	•					
	Circle the calculation	that increases 5	50 by 200%			
	50 × 1.2	50 ×	2 5	0 × 2.2	50 × 3	
						(Tatal 1 )
						(Total 1 mark)
Cal	<u>culator</u>					
Q9	In a sale the normal ¡	price of a dress is	s reduced by 25%	ń		
	The sale price is then	reduced by £10	)	v		
	The dress is now price	ced at £80				
	The manager says,					
	"The pric	e is now one-thi	rd less than the n	ormal price."		
	Show that he is corre	ect.				
						<del></del>
						<del></del>

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(Total 5 marks)

## Q10.

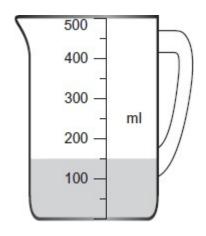
The table shows the GCSE Mathematics results of the students in a school.

Grade	U	G	F	Е	D	С	В	Α	A*
Number of students	0	8	20	43	37	51	34	30	17

Answer	Total 5 maı
l 1.	
	opulation of England was
In 1981 the population of England was 46 million. In 2011 the posts million.	
In 1981 the population of England was 46 million. In 2011 the position.  Work out the increase in population as a percentage of the 1981 f	igure.
53 million.	igure. 
53 million.	igure. 
53 million.	igure. 
53 million.	igure.

		drink	is	fruit	:	juice?
drir	nk is made b	y mixing 650	) ml of water with	150 ml of fruit jui	ce. What pe	(Total 4 m
			Answer			
)	Work out	4/5 of 295				
			Answer			

Q14. Some water is shown in a 500 ml measuring jug.



What	percentage	of	the	jug	is	filled	with	water?	
		Λη						· %	
		AII	swei					<sup>%</sup> (Total 2 mar	'ks)

Q15.



Work	out	the	price	of	the	car	before	it	was	reduced.
										(Total 3 mark

16. Increase	4200	by	38%
			(Total 2 mar
17. The price of a comp By how much is the	uter is reduced by 17.5% TI price reduced?	ne reduced price is £26	4
	Answer F		
	Allower Z		(Total 4 mar
18.			
What is 18 as a perc Circle your answer.	entage of 72?		
18%	20%	25%	40%
			(Total 1 ma

Q19.

Circle the multiplier that r	reduces a quantity by	12.5%	
0.125	0.875	12.5	87.5

(Total 1 mark

				(Total i mark
Q20.				
	exam has two par	oers.		
Ani	lscores			
	33 out of 60 on	paper 1		
	and			
	75 out of 100 c	on paper 2		
Wo	rk out his percent	age score for the exam.		
		Answer		%
				(Total 3 marks)
Q21.				
	rease	400	by	37%
		Answer		
				(Total 2 marks)

Q22.	Vhich statement is true?	
С	ircle your answer.	
	10% of 50 = 50% of 20	
	10% of 10 = 20% of 20	
	10% of 20 = 20% of 10	
	10% of 40 = 25% of 100	(Total 1 mark)
Q23.	ophie sells birthday cards.	
	She adds 30% profit to the cost price.  She sells the cards for £2.34 each.  She wants to increase her profit to 40% of the cost price.	
Н	low much should she sell each card for?	
_		
·		
<u>-</u> -		
	Answer £	
		(Total 3 marks)

Q24.				
Work	out	258%	of	6300
				<del></del>
	Ans	wer		
				(Total 2 marks)
025				
Q25.	00% of the students a	ro dirle		
in a school, c	00 % Of the students a	re girts.		
	the girls walk to scho			
20% of	the boys walk to sch	ool.		
What percen	tage of the students w	alk to school?		
	Ans	wer		
				(Total 3 marks)