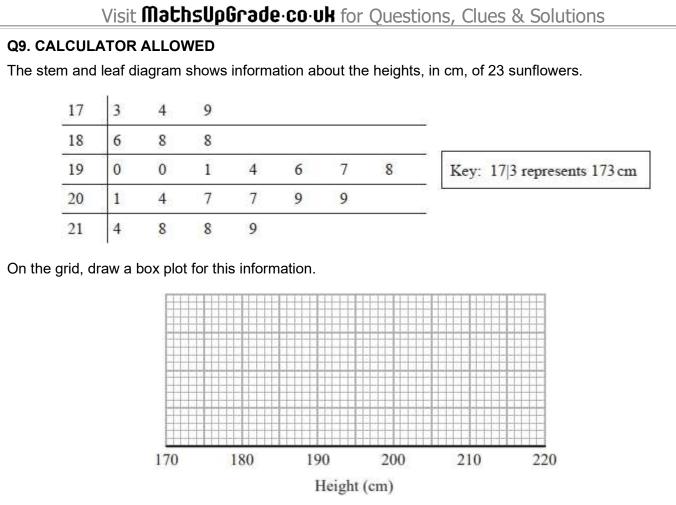
		ALCUL								ΤΙΟ						
Jake a	and Sa	rah eac	h play	ed a	com	outer g	jame s	six tir	nes.							
	scores ke	for eac							D							
					8	11	12		8							
	irah /ho hao	2 d the mo		.0 nsiste	7 ent so	14 cores	4 Jake c		10 rah? Y	′ou mu	st aive	a reas	on for y	vour a	nswer.	
																(1)
Jake	played	a differ	ent ga	me 2	0 tim	es.										(-)
The s	tem an	id leaf d	iagran	n shc	ows ir	ıforma	ition al	bout	his sc	ores.						
	0	9														
				9 mar-			-8									
	1	2 3	3 4	5			_6									1
	2	56	66	6	7							Key 1 2	represe	ents 12	2 points	
	3	1 3	4 6	8												
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		s modal								nost of	ten in t	he dia	gram.			(1)
												(To	otal for	ques	tion = 2	(T) marks)

14	0	2		9					Ke	y: 15	1	Fan	presents 151
15	1	1		3		5	7		Re	y. 15		rep	resents 151
16	2	4		5		7	8	9					
17	6	6		7		9							
18	0	0		1									
-						-		n. Their h ys with th	-		-		cm. s of the girls.
·····										 		for a	 uestion = 3 m
					20 foo 25	tballers	23	26	29	(29	Fotal f	-	 uestion = 3 m 30
Q3. NO	e the ag	es, in <u>y</u>	years					26 28	29 32				
Here are	e the ag	es, in y 17 21	years 32 17		25 40	41 35	23 34		32	29	32		30
Here are	e the ag drew this	es, in y 17 21	years 32 17		25 40	41 35	23 34	28 informati	32 on.	29 19	32 27		30
Here are Wayne	e the ag drew this	es, in <u>y</u> 17 21 s stem 9	years 32 17		25 40 diagra	41 35	23 34	28 informati	32 on.	29 19	32 27		30 31
Here are Wayne (1	e the ag drew this 7 7	es, in <u>y</u> 17 21 5 stem 9 5	years 32 17 and 6	leaf o	25 40 diagra	41 35 am to s	23 34	28 informati	32 on.	29 19	32 27		30 31
Here are Wayne (1 2	e the ag drew this 7 7 1 3	es, in <u>y</u> 17 21 s stem 9 5 2	years 32 17 and 6	leaf o	25 40 diagra	41 35 am to s	23 34	28 informati	32 on.	29 19	32 27		30 31

	3	1	4	5							
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	6	3	4	59			L			3	
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	LCULATO									estion = 2	
Here are				ot in a Fre							
	76	82	84	69	80	64	70	81	75	91	
	87	67	80	70	94	76	81	69	71	77	
 One of f				be choser		-		1	rench tes	t is 71	
	rites. The	probabi	lity that	this studer	nt failed th	ne Frenc	h test is	4			
Omar w Omar is											

	s, in kilometre	s per hour	r, of 15	cyclists	i.			
		16	22	34	18	24		
		22	33	28	19	41		
		23	25	31	40	23		
Show this information	on in a stem a	nd leaf dia	agram.					
							(Total for que	stion = 3 marl
Q7. CALCULATOR		$e_{\rm S}$ of 15 i	childror	2				
Here are the height						150	147	
	123	147		135		150	147	
	129	148		149		125	137	
	133	138		133		130	151	
(a) Show this inform	mation in a ste	m and lea	af diaar	am.				
			5					
Ê								
						-		
8								
One of the children	is chosen at r	andom						
				iaht aro	ator th	on 140 c	m?	
	bability that th		10 0 110	igni gre	ลเฮเ แ		111 !	
(b) What is the pro								

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Q8. CALCULATOR ALLOWED	
The stem and leaf diagram gives information about the speeds of 27 cars.	
$\frac{3}{4} = \frac{8}{1 + 3 + 6 + 7 + 8 + 8 + 9 + 9}{5 + 2 + 2 + 6 + 7 + 7 + 8 + 8 + 9 + 9 + 5 + 2 + 2 + 4 + 6 + 7 + 7 + 8 + 8 + 9 + 9 + 3 + 8 + 8 + 8 + 18 + 18 + 18 + 18 + 1$	
miles per hour (1) (b) Work out the range.	
miles per hour	lat
(1)	hsU
One of the cars is chosen at random.	DGr
Jack says,	ape,
"The probability that the speed of this car is more than 60 miles per hour is $\frac{1}{3}$ " (c) Jack is wrong. Explain why.	lathsUpGrade.co.uk
(2) (Total for question = 4 marks)	



(Total for question = 3 marks)