MEAN, MEDIAN, MODE, RANGE

Guidance

- Read each question carefully before you begin answering it.
 Spend proper time for each question.
 Attempt every question.

- 4. Check your answers seem right.
- 5. Always show your workings









He spins	(7)				iis iabe	ileu i	10 5.				
Here are	his scor	es.									
1	4	4	2	3	4	5	1	4	1		
(a) Find	the mod	de.									
									•••••		(1)
(b) Work	out the	mean									
											(2)
(c) Work	out the	range									
(0)											
											(2)
Simone records the number of minutes she spends on her mobile phone over											
7 days.											
8	5	13	6	24	19	10					
Find the r	nedian.										
										ps:	autos
										[[]]	(2)





	e are the										
10		12	13	10	11	14	15	10	12	13	
(a)	Find the	e mode	Э.								
(-)											
										UZ SARAZAZ	(1)
(b)	Find ou	it the n	nedian.								
											(2)
(c)	Work o	ut the	range.								
											(2)
(d)	Work o	ut the	mean.								
											 (2)





١.	A football to	eam pl	ayed s	ix gan	nes.					
He	re are the nu	mber o	of goals	s they	score	d in ead	ch game:	6		
		0	3	2	2	5				
		575	100	453	1000 1000 1000	₩.				
	(a) Work or	ut the r	nedian	numb	oer of o	goals s	cored.			
										(2)
										(-)
	(b) Work	out the	mean	numb	er of g	oals so	cored.			
									***************************************	(2)
										\- /
	The footbal	ll team	play o	ne mo	ore gar	ne.				
	The mean	numbe	r of go	als sc	ored in	ncrease	es to 4.			
	/ / / / /		0.500.004.00±00 = 0.00 0 0.	•			10 10 10 10 10 10 10 10 10 10 10 10 10 10 10			
	(c) Work o	ut the	numbe	r of go	oals so	cored in	the seve	nth game.		
										(2)
										(2)





lere are their sc	ores.	
31 29	20 35 32 38 32	
a) Work out the	mode.	
		(1)
b) Work out the	median.	
		(2)
c) Work out the	range.	

		(2)
he pass mark fo	or the test is 75%.	
1) How many st	tudents pass the test?	
i) How many s	duents pass the test:	





Hann	ah is re	ecordir	ng the r	umbe	er of le	tters in	each	word ir	n an art	icle.	
Thes	e are th	ne first	ten len	gths.							
	3	4	5	6	2	4	3	7	3	6	
(a)	Work o	ut the	mediar	١.							
											(2)
(b)	Calcula	ate the	mean.								
(2)	04.04.0										
											(2)
											(-)
The	11 th w	ord ha	s 4 lette	ers.							
(c)	Tick th	e box	which o	lescri	oes wh	nat affe	ect this	will ha	ve on t	he mean.	
		The m	ean will ase			ean will the sa		The m increa	ean wil		
			7		Г			Г			
		<u> </u>	_		_			Ь			
											(1)
(d)	Tick th	e box	which o	descri	bes wh	nat affe	ect this	s will ha	ive on t	he media	n.
	т	he med	lian will	1	he me	dian wi	II	The n	nedian v	vill	
		ecrease		11.7		the san		increa			
			-					10-2			(1)





7.	Show	n below	are fi	ve ca	rds whic	ch are	arrange	d in ord	der fro	m small	est to	argest	
		5						-					
	The range of the cards is 4. The median of the cards is 8. The mean of the cards is 7.												
	Work	out the	4 mis	sing n	umbers								
											085381391 8 1		
								,	, .		and .	(4)	





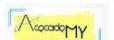
8 boys and 8 girls from a class run 100m.
 The times taken, to the nearest second, for each girl are:

15 20 24 18 19 21 26 29

The mean of the boys' times is 25 seconds. The range of the boys' times is 14 seconds.

Thomas says that "the boys in our class are faster than the girls."

Is he correct?





9.	A set of All of t The ra The m												
	Write	down a	a possi	ble s	et of s	ix numb	ers.						





(4)