

Edexcel GCSE Mathematics (Linear) – 1MA0

QUESTIONNAIRE

Materials required for examination

Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser.

Tracing paper may be used.



Instructions

Use black ink or ball-point pen.

Fill in the boxes at the top of this page with your name, centre number and candidate number. Answer all questions.

Answer the questions in the spaces provided – there may be more space than you need. Calculators may be used.

Information

The marks for each question are shown in brackets – use this as a guide as to how much time to spend on each question.

Questions labelled with an **asterisk** (*) are ones where the quality of your written communication will be assessed – you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.

Advice

Read each question carefully before you start to answer it.

Keep an eye on the time.

Try to answer every question.

Check your answers if you have time at the end.

Notes:

- 1. Make sure that your questions include a TIME FRAME; e.g. Day, Week, Month...
- 2. Always have an option for ZERO or NONE
- 3. DO NOT have OVERLAPPING INTERVALS
- 4. Include at least 4 tick boxes
- 5. Your last Interval should be: More than

(a) Design a suitable table for a	Antibiation of the Control of the Co	could use to collect this int	formation.
Type of Pilm	Tally	Freque	ency
Comedy			
Achon			
Sciencefichio			
Musicals	general management and the photometric for graphy and construction of the construction	पूर्व करणा है जिस के किए क	Street, port of the second state of the second
Other		Control	(2)
b) Give one reason why. ① Small some ② Only asked p			e lopinio
10 Small som	eople in da	ss - same ag	e lopinio
① Small some	eaple in classication characteristics and research contact the people spend research	ss - same ag	e/opinio
Alison wants to find out how must be is going to use a questionnal Design a suitable question for A	ich time people spend realire.	ading books.	e /opinuo (1) (3 marks)
O Small some Only asked possible is going to use a questionnal Design a suitable question for A	ich time people spend realire.	ading books.	e /opinuo (1) (3 marks)
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OSmall some Only asked partition wants to find out how must be signed a suitable question for A tow much fimeworks per week	ich time people spend realire.	ading books.	(3 marks)
O Small sonn O Sma	eaple in classification in the people in classification in the people spend reading. It is a spend of the people spend reading in the people in classification in the people	ading books.	(3 marks)

Sam wants to find out the types of film people like best.

1.

out how much time people spend playing sport. on a questionnaire.	
How much time do you spend playing sport?	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
hings wrong with this question. 2 Frame in question (per day	y/week)
are not exhaustive (2-3 an	d more than 4)
uestion for Pradeep's questionnaire to find out how mu	(2) ach time people spend
Time do you spend playing	sport each wee
-60 mins	
-120 mins	(2)
	(4 marks)
how much time people spend watching television. ionnaire. estion for Guy's questionnaire.	
TV do you watch per o	day?
60 min	
120min	
	How much time do you spend playing sport?

	How much money do you spend buying CDs?	
	$\square £10 - £30$ $\square £30 - £50$ $\square £50 - £70$ \square more than £70	
•	own two things wrong with this question.	
1	time frame in question	••••••
	box for no spending	•••••
2		
	00 people in a CD store to do her questionnaire.	•
ula asks 10		
) Her sam	ple is biased.	
) Her sam Explain	why.	nd/bio
) Her sam Explain		nd/bio CD sle

The manager of a department store has made some changes.	
She wants to find out what people think of these changes.	
She uses this question on a questionnaire.	
"What do you think of the changes in the store?"	
Excellent Very good Good	
(a) Write down what is wrong about this question.	
· No negative box	
· No regative box · Boxes imply opinions	
	(1)
This is another question on the questionnaire.	
"How much money do you normally spend in the store?"	
A lot Not much	
(b) Write down one thing that is wrong with this question.	
· People will have different opinions of these	
· No time frame in question	
	(1)
(Total 2 mai	

	council is planning to build a new swimming pool.
The counc	cillors want to get the views of the local people.
Councillo	r Smith suggests taking a sample from the people who attend the local sports centre.
* Pe	in why this would not be a good sample. ople at sports centre already use it ample should be from other places
,,,,,,,,,,	
Councillor	r Singh suggests taking a simple random sample of 100 people.
	ke one person from each page of phone book sk people in town centre

	(1
The counc	cil decided to use a questionnaire to find out how often people would use the swimmin
pool.	· · · · · · · · · · · · · · · · · · ·
pool. (c) Design	cil decided to use a questionnaire to find out how often people would use the swimmin
pool. (c) Design	cil decided to use a questionnaire to find out how often people would use the swimming a question the council could use on their questionnaire.
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pool. (c) Design	cil decided to use a questionnaire to find out how often people would use the swimming a question the council could use on their questionnaire. Often would you use the pool each were none
pool. (c) Design How	cil decided to use a questionnaire to find out how often people would use the swimming a question the council could use on their questionnaire. Often would you use the pool each were none

"How often do	o you go to a restaur	ant?"			
	Never	Sometimes	Ofte	en	
•		wrong about this question. In guestions			
	r boxes r metimes/	reflect on per Often	ople's a	pinion	
					(2)
restaurant. How of	Phen do you	on Gordon could use to f			eat out at a
restaurant. How of Inon	Phen do you				eat out at a
restaurant.	Phen do you				eat out at a
restaurant. How of I non I one	Phen do you	u eat at a re	Staur		eat out at a
restaurant. How of non concern two concerns	Phen do you ago		pasta?"	ant each	eat out at a
restaurant. How of non a constant on the constant on the constant of the const	Then do you ago od way to find out we two reasons why the	ree that pizza is better than	pasta?"	like to eat.	eat out at a
restaurant. How of non a concept of two series are a conc	Then do you ago of way to find out we two reasons why the ke to eat.	ree that pizza is better than	pasta?" his restaurant	like to eat.	eat out at a control of the control
restaurant. How of non over the control	Then do you ago of way to find out we two reasons why the ke to eat.	ree that pizza is better than what people who might use his is not a good way to f	pasta?" his restaurant ind out what p	like to eat.	ight use his
restaurant. How of non a constaurant in the constau	Then do you ago of way to find out we two reasons why the ke to eat.	ree that pizza is better than what people who might use his is not a good way to f	pasta?" his restaurant ind out what p	like to eat.	ight use his

Gordon is going to open a restaurant.

	How man	ıy hours do you	spend listening	to music?	
	1 to 5	5 to 10	10 to 20	over 20	
(a) Write down to	· P · S		t i	1	
2. Boxes	s overla	<u> </u>			
				•••••	(2)
				it how much time	teenagers spend
How m	any hou	us of r	nusic de	you list	en to
1) non	~				
Zpagetop command	- 2hrs				
	in - 4hrs				(2)
Browner (grand)				•	Total A marke)
Sophie wants to fi	re id out the amou	nt of time peop	le exercise.	((Total 4 marks)
Sophie wants to fit She will use a que (a) Design a suita	nd out the amou stionnaire. ble question for	Sophie to use i			(Total 4 marks)
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