

*للحصول على أوراق عمل لجميع الصفوف وجميع المواد اضغط هنا

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* للحصول على أوراق عمل لجميع مواد الصف السادس اضغط هنا

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* للحصول على جميع أوراق الصف السادس في مادة رياضيات ولجميع الفصول, اضغط هنا

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* للحصول على أوراق عمل لجميع مواد الصف السادس في مادة رياضيات الخاصة بـ اضغط هنا

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* لتحميل كتب جميع المواد في جميع الفصول للـ الصف السادس اضغط هنا

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للتحدث إلى بوت المناهج على تلغرام: اضغط هنا

https://t.me/almanahj_bot

Student	Class	Date	
Name	Oluss	Duto	

MULTIPLE CHOICE QUESTIONS:

	Wh	at is the best description for the least common multiple (LCM)?
	A	the least non-zero number that is a multiple of two or more whole numbers
1	В	the least number that is a multiple of the denominators
	С	the least number that is a multiple of the numerators
the least non-zero number that is a multiple of a		the least non-zero number that is a multiple of a fraction

	Wh	at is the LCM of 3 and 5?
2	Α	2
	В	3
	С	5
	D	15

	Wh	What is the GCF of 18 and 42?				
	A	3				
3	В	6				
	С	24				
	D	60				

	Wri	te $\frac{4}{56}$ in simplest form.
	A	$\frac{21}{56}$
4	В	$\frac{2}{56}$
	С	$\frac{1}{14}$
	D	$\frac{2}{14}$

		ich three common multiples for 3 and 8 are missing from the list below? 48, 72,,, 168, 192,	
	A	3, 8, 24	
5	В	24, 24, 24	
	С	96, 110, 144	
	D	96, 120, 144	
		almanahi com/ao	
	What is the LCM of 4, 7 and 8?		

6	Wh	What is the LCM of 4, 7 and 8?		
	A	28 14 14 14 14 14 14 14 14 14 14 14 14 14		
	В	32		
	С	56		
	D	224		

The fastest fish in the world is the sailfish. If a sailfish swims at a constant rate, how many kilometers can the sailfish travel in 6 hours?

Hours Travelled	0	1	2	3	4	5	6
Kilometers Travelled	0	68	136	204	272	340	?

7

A	6 km
В	68 km
С	406 km
D	408 km

What is the ratio of people to cars?

6 cars 150 people

A 1: 25

B 6: 150

C 6: 1

D 25: 1

	Divide 55 into two groups so that the ratio is 4 : 7.			
	Α	11:7		
9	В	35 : 20		
	С	20 : 35		
	D	220 : 385		

To make 5 shwarmas, you need 0.5 kg of chicken. How many kg of chicken do you need for 20 shwarmas?

No. of Shwarmas 5 20

No. of Shwarmas520Kg of Chicken0.5

10

Α	2
	_

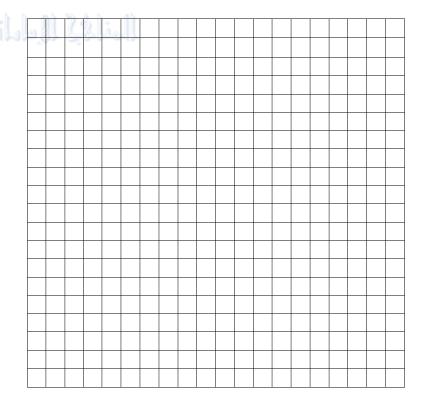
В	2.5

EXTENDED RESPONSE QUESTIONS:

	A school population was predicted the current population is 700 stude working clearly.				
11					
				marks:	/ 2
	almanahi.com/a	3			<u> </u>
	1.24.1.01 7.6.1.11				16
	The grade 7 teacher collected more student paid the same amount, whe the GCF). Show all your working.	ney from stude hat is the most	nts for three days fo the tickets could cos	r a school trip. st per student?	(Hint: Find
	1	Sunday	AED 64		
		Monday	AED 36		
10		Tuesday	AED 52		
12	· ·	<u> </u>			
				marks:	/ 4
				marks.	7 4
	a) Ahmed planted 6 flowers i	n 9 minutes. A	i planted 8 flowers i	n 12 minutes.	Calculate
	how long it took each of th	em to plant 1 f	lower.		
40				marks:	/ 2
13	b) Who planted the flowers fa	aster? Explain	your answer.		
				marks:	/ 2

a) Graph the ordered pairs for Khalifa's Running Record. Remember to use correct scales and label the *x*-axis and *y*-axis of your graph.

Khalifa's Running Record												
Day, x	(x, y)											
1	4	(1, 4)										
2	8	(2, 8)										
3	12	(3, 12)										
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marks: / 4

b) Describe the pattern in terms of the day and kilometers ran by Khalifa.

14

14

marks: / 1



MULTIPLE CHOICE SECTION:	/10
EXTENDED RESPONSE SECTION:	/15
TOTAL MARKS:	/25
PERCENT:	%

|--|





Answer Key

MULTIPLE CHOICE QUESTIONS:



Α
D
В
С
D
C
D
D
С
Α

EXTENDED RESPONSE QUESTIONS:

	Ans: 1200 students							
	 Number of students in 10 years Number of students in total 	• 50 x 10 = 500 (1 mark)						
Q11	• 700 + 500 = 1200 st							
	 The 1st mark is awarded if working shown. The 2nd mark may be awarded if the answer is 	correct, but "700 +500" is not shown.						

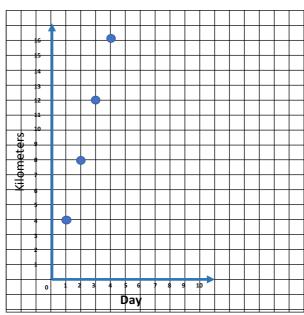
	Ans: AED 4										
	1. Factors of 64 • 64: 1, 2, 4, 8, 16, 32, 64										
	(1 mark) 2. Factors of 36 • 36: 1, 2, 3, 4, 6, 9, 12, 18, 36 (1 mark)										
Q12	3. Factors of 52 • 52: 1, 2, 4, 13, 26, 52 (1 mark)										
	4. GCF of 64, 36, and 52 • GCF is 4, hence AED 4 (1 mark)										
	 Factors for 64, 36 and 52 must be shown for 1st 2nd and 3rd marks. Answer of AED 4 must be stated. If AED is not written, still award the 4th mark. 										

	Ans: Ahmed = 1.5 minutes Ali = 1.5 minutes										
	1. Ahmed's time to plant 1 flower • 9 ÷ 6 = 1.5 minutes (1 mark)										
Q13 (a)	2. Ali's time to plant 1 flower • 12 ÷ 8 = 1.5 minutes (1 mark)										
	 If there is no working but the correct final answer for Ahmed or Ali, award the mark(s). Do not penalise if the units are not written. 										
	If student writes "1 minute 30 seconds," this is also acceptable.										

	Ans: Both Ahmed and Ali had the same speed	d.		
Q13	Equivalent Ratios	•	Both Ahmed an speed.	d Ali had the same (1 mark)
(b)	 Pupils just need to mention that the speed was If the answer from 13 (a) shows otherwise, the this. 			rrect answer based on

Ans: C	heck the grid																								
1.		id w		oth	a	xe	S				•	1	Х	ar	nd	y a	ахє	es	со	rre	ctly			ed. narl	۲)
2.	Both axes a	re c	orre	ectly	s s	cal	led	l.			•	,	Х	ar	nd	y a	axe	es	со	rre	ctly	sc	ale	d	
																						((1 r	narl	()
3.	Graph orde the table.	red ¡	pair	s pr	es	en	ite	d ir	า		•	1	2	CC	oor	diı	nat	es	s p	lott	ed (tly narl	۲)
4.	Graph orde the table.	red pairs presented in								•	•	а	4	4 c	00	rdi	na	ites	s pl	lotte			rect narl		
		П								1				4											

Q14 (a)



If a student displays more than one quadrant, marks should still be awarded as long as the four points are plotted correctly.



	Ans: Check the statement for an example like by 4."	e, "As days increase by 1, kilometers increase
Q14	Compare ratios	 As days increase by 1, kilometers increase by 4.
(b)		(1 mark)
	The pupil must state an increase in day and ki kilometers as days increase is mentioned, awareness.	ometers. If no value is given but the increase in ard the mark.

