

THE ARIAL EXAMINATIONS® P.7 SET I TERM II 2023 MATHEMATICS

Time allowed: 2 hours 30 minutes

Index No.

School Number					r	Ca	Candidate's Number				

Name:	
School: _	class

Read the following Instructions carefully

- 1. This paper is made up of two sections: A and B.
- 2. Section A has 20 questions (40 marks).
- 3. Section B has 12 questions (60 marks).
- 4. Answer ALL questions in both sections A and B.
- 5. All answers must be written in spaces provided Using blue or black pens or Ink. Only diagrams Should be done in pencil.
- 6. Unnecessary crossing of answers will lead to Loss of marks.
- 7. Do not fill anything in boxes indicated for Examiners' Use only.

<u>Subject</u>	teacher's	Commen	t to the le	<u>arner</u>	

FOR EXAMINERS' USE ONLY					
page	Marks	Initials			
Page 2					
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Page 8					
Total					

Approved by
Team Leader

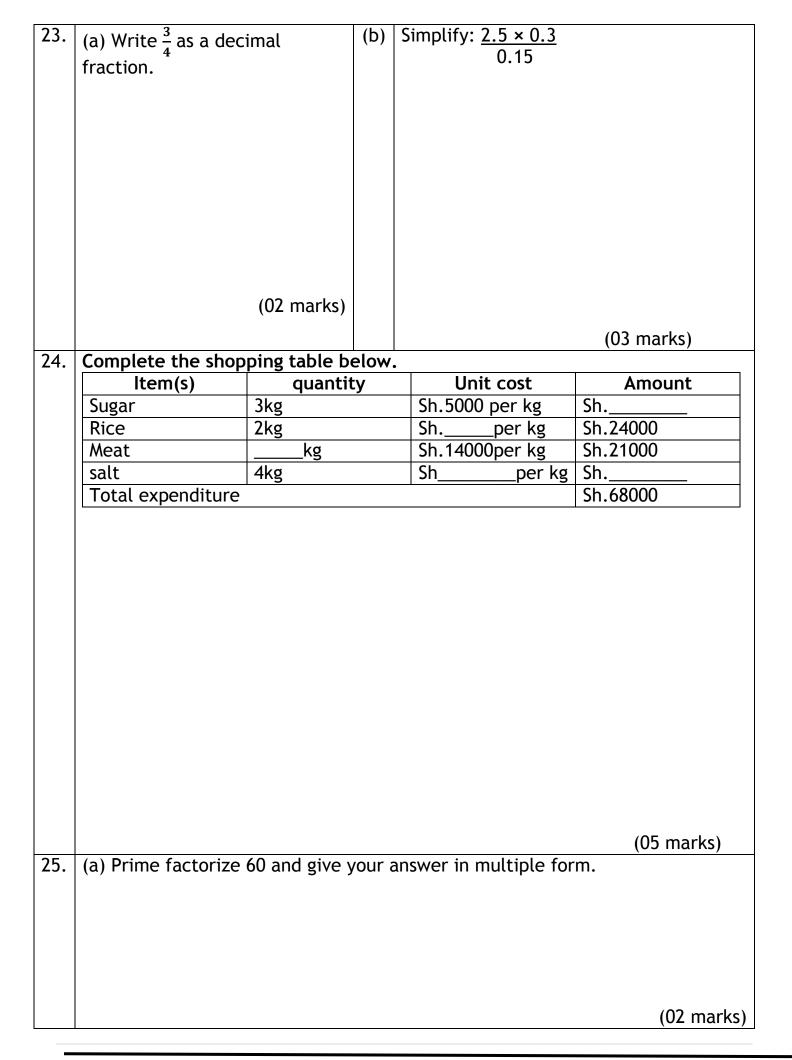


SECTION A: 40 MARKS

	SECTION A. 40 MARKS			
1.	Workout: 21 × 4	2.	Write LXIV in Hindu Arabic numerals.	
3.	Expand 9785 using value form.	4.	Simplify: $^-8$ $^-5$	
5.	Workout: <u>5</u> ÷ <u>5</u> 8 7	6.	In a Venn diagram below, shade set (NUB) £	
7.	Find the next number in the sequence. 1, 5, 11, 19, 29,	8.	4 pineapples cost sh. 3200. Find the cost of 7 similar pineapples.	
9.	Find the size of an angle P in degree P in	grees	5.	
10.	A motorist covered 56km in 35 m hour.	ninut	es. Calculate his speed in kilometres per	

11.	Given that x=5 and y=6. Find the value of xy.	12.	Round off 8573 to the nearest hundreds			
13.	Subtract: weeks days 6 4 - 2 6	14.	Find the length of a square whose area is 100m ²			
15.	Using a ruler, a pencil and a pair of compasses only, construct an angle of 90° in the space below.					
16.	The average score of 4 boys is 75	5%. F	ind the total score.			
17.			(\$) in Uganda shillings is (Ugsh) is US\$1 to collars are bought for 657,000 Uganda			

18.	Solve: 5(k−1) = 10	19.	It is 0.75km from the church to the nearest trading centre. Express the distance in metres.
20.	Calculate the volume of the soli	d figu	ure below.
	7dm		
		TION	B (60 MARKS)
21.		the r	number of pupils who like Mathematics
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(a) Find the value of y. (02marks)
(b)	Find the value of x.	(c)	Find the chance of randomly selecting a member who likes one subject only to be the class monitor.
	(02marks)		(02 marks)
22.	(a) State the place value of 2 and 3 in the number. 13402 _{five}	(b)	Workout: 110 _{two} + 11 _{two}
	(02 marks)		(02 marks)



	(b) Find the Lowest Common Mu	ltiple	(LCM) of 112 and 16.	
26.	(a)Find the supplement of 34 ⁰			(03 marks)
20.	(a) The the supplement of 54			
				(02 marks)
	Workout the value of y in degree	es.	(03 mark	s)
	3m+20 ⁰ m			
			200/ 200/ 200/	
27.	Some P.7 pupils scored marks in 30%, 50% and 30%	a ma	thematics test. 80%, 50%, 30%	, 44%, 30%,
(a)	Find their median score.	(b)	Calculate their mean mark.	
	(02marks)		(03 marks)	
	(∪£IIIui NJ)		(U) 111U1 NJ	

28.	In a class of 80 pupils, $\frac{1}{10}$ are absent and the rest are present. (a)How many pupils are present?				
				(03marks)	
	(b) If each absentee is asked to be collected from this class?	oring	a dozen reeds, how many reed	s will be	
				(03marks)	
29.	Use the diagram below to answer	100			
	(a) Find the length MC.				
(1.)		() I		narks)	
(b)	Calculate its area	(c)	Find the perimeter.		
	(02marks)		(02marks)		

30.	(a) Solve: 4 + = 9 (02marks)	(b)	Solve: $\frac{w}{7} = 2$ (02mks)
31.	(a) A forty minute lesson started at 8:30am. At what time did it end?	(b)	Show a quarter to noon on the clock face below.
			9 • 3
32.	(02marks)		(02marks) ompasses only. Construct a triangle AVE
	in which AV =6cm, angle AVE =90	0ºand	
(b)	Measure		(04marks)
(5)	(i) length AE		(01mark)
	(ii) angle VAE		(01mark)
		F	ND