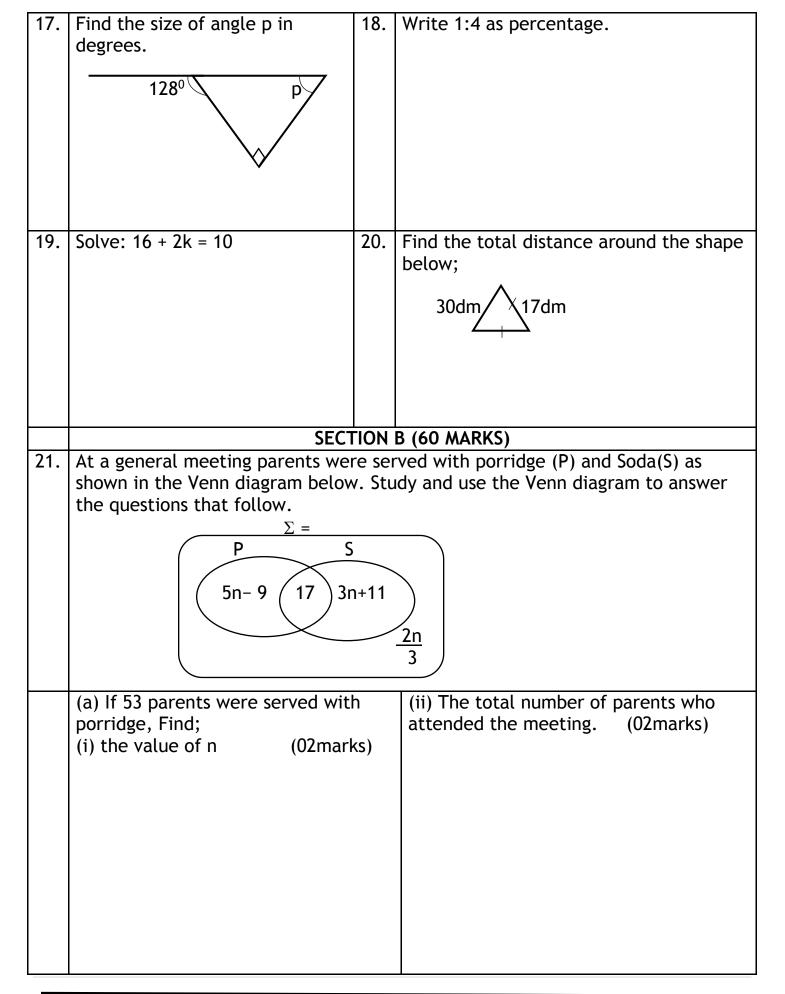
THE ARIAL EXAMINATIONS® P.7 PRE-MOCK SET II 2023

		Time	allowed: Index	: 2 hours 3 : No.	0 minut	es			
		Scho	ol Numb	per		Person	ersonal number		
Name:									
School:							_class_		
Read the	e follow	ing Inst	ructions	s carefull	у				
	•	•		•		FOR I	EXAMINER	RS' USE C	DNLY
•	This paper is made up of two sections: A and B Section A has 20 questions (40 marks)					page	Marks	: 11	nitial
. Section B has 12 questions (60 marks)					Page 2	?			
. Answer ALL questions in both sections A and B					Page 3	3			
. All answers must be written in spaces provided					Page 4	4			
sing blue or black pens or Ink. Only diagrams					Page :	5			
hould be done in pencil.					Page	5			
. Unnecessary crossing of answers will lead to					Page 2	7			
oss of marks.					Page 8	3			
. Do not fill anything in boxes indicated for					Total				
xaminer	s' Use o	nly.						<u> </u>	
	Subject te	acher's Cor	nment to tl	he learner		Δ	pprove	d bv	7
								·- <i>y</i>	
						T (eam Le	ader	

SECTION A: 40 MARKS

	SECTION A: 40 MARKS				
1.	Workout: 39 ÷ 3	2.	Write in figures: seven thousand, ninety eight.		
3.	Given that B= {t, e, c, n, o} and C = {c, a, s, t} Find n(BUC)	4.	A trader counted tomatoes on his stall and tallied them as follows;		
5.	Change $3\frac{1}{4}$ hours to seconds.	6.	Simplify: 9p - 4(1 + p)		
7.	A boy bought 7 books at sh. 28000. How many books of the same kind can he buy with sh. 64000?	8.	Obua packed 3.5kg of glucose in packets each weighing 50g. How many packets did Obua pack?		

9.	Use a ruler and a protractor to draw an angle of 75° in the space below.	10.	Find the next number in the sequence. 1, 7, 16, 28,
11.	Round off 967 to the nearest hundreds.	12.	Workout: (71×39) + (29×39)
13.	Travelling at 54km/h, Juma covered a distance of 81km. Calculate the time the journey took him.	14.	Write the integers represented by letters m and n on the number line below. m 6 5 4 3 2 1 0 1 2 3 4 5 n (i) m (ii) n
15.	Paul scored the following marks in a series of Science test. 53%, 59%, 64%, 51%, 61% and 63%. Find Paul's median score.	16.	A tailor sells a pair of shorts at sh 12000. Find the cost of 18 similar shorts.



	(b) Find the chance of picking a p chairperson PTA.	oaren	t who did not take any drink to be the	
			(02marks)	
22.	(a) Express <u>6</u> as a decimal 25	(b)	Simplify: 4 + 3 ÷ 9 15 7 14	
	fraction.			
22	(02marks)	(h.)	(02marks)	
23.	(a) Write the place value of 3 and 1 in 5301 _{six}	(b)	Workout: 42 _{five} +21 _{five}	
2.4	(02marks)	l l	(02marks)	
24.	The volume of rectangular prism (a) Find the height of the prism.	perov	(03marks)	
	h h			
	6cm			
	(b) Calculate the total surface ar	ea. (T.S.A) (03 marks)	

Study and complete Aine's shopping table below.						
ltem	Quantity	Unit cost	Amount			
Rice	3kg	Shper kg	Sh 15000			
Sugar	kg	Sh 5000 per kg	Sh 7500			
Cooking oil	750ml	Sh 14000 per litre	Sh			
Salt	$2\frac{1}{2}$ kg	Shper kg	Sh 5000			
Total expendi	Sh					

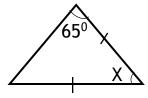
(05marks)

26. Find the supplement of 82°

25.

(02 marks)

(b) Find the size of angle x in degrees.



(03marks)

- 27. In a certain test given in class, the marks scored, frequency and total marks are shown in the table below.
 - (a) Complete the table below. (03 marks)

Marks scored	Frequency	Total marks
40	3	120
	7	350
60		540
70	4	280
55	2	

(b)	Calculate their arithmetic mean mark				
			(02marks)		
28.	At a party attended by 900 guests, $\frac{2}{5}$ of them were females and the rest were				
	males. 20% of males and 40% of fo	emal	es were children.		
(a)	How many males attended the	(b)	How many children were there?		
	party?				
	(02marks)		(03marks)		
29.			+ .		
	(a) Use the number line to worko	ut 3	- '4		
		ı			
	8 7 6 5 4 3 2 1 0 +1	1 +2	+3 +4 +5		
			(03marks)		
(b)	Workout 1 - 5 (finite 7)				
			(O2marks)		
30.	(a) A string is 3 metres long.	(b)	(02marks) Find the length of the string in		
	How many 75cm pieces can be	` ,	decimetres (dm)		
	cut from the string?				
	(03marks)		(02marks)		

31.	(a) Solve: $\frac{3x}{5} = 9$	(b)	Owen is 6 years younger than Annitah. If their total age is 34 years, how old is Annitah now?
			Annican now:
	(00 1)		(02 1)
	(02marks)		(03marks)
32.	Using a ruler, a pencil and a pair		
	(a) Construct a triangle DEF such	that	DE=10cm, EF= 8cm and DF= 6cm
			(04marks)
			(στιπαικο)
	(b) Measure angle DFE		
			(01mark)
			(/)