

The PRIME EXAMINATIONS 2023 P.7 PRE – PLE MAGIC SET IV MATHEMATICS

		Time allowe	d 2 hours	30 mii	nutes		
INDEX NO:	Random No.	Personal		al No.	Togg of	WELL EXPL WITH TESTS	FOR AINED LESSON VIDEOS S BY EXPERT TEACHERS
Candidate's N	Name:					DOWNLOAD	THE PRIME LEARN APP
	Signature:						
School Rand	lom No		***************************************			***************************************	***************************************
District ID:		***************************************	***************************************			•••••••	
DEAD THE							•••••
(READ THE !	FOLLOWING INST	RUCTIONS C	AREFULLY	F	OR EXA	AMINERS' US	E ONLY
1. Do not write your school or district name anywhere on this paper.		The second second	STION MBER	MARKS ATTAINED	INITIALS		
					-5		
2. This paper has two sections: A and B Section A has 20 questions and section B has 12 questions. The		6	- 10				
paper has 9 printed pages.			11	- 15			
3. Answer all	3. Answer all questions. All the working for both		16	- 20			
provided.	sections A and B must be shown in the spaces			21	- 22		
				23	- 24		
bount beut	All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than		25	- 26	THE REAL PROPERTY.		
grapits and	diagrams will not	be marked.			- 28		
5. No calcula	itors are allowed in	the examina	tion room.	29	- 30		
that cannot	ry changes in you easily be read ma	r work and ha y lead to loss	ndwriting of marks	31	- 32		
7. Do not fill a	anything in the table	e indicated "F	or	THE RESERVE AND ADDRESS OF THE PARTY OF THE	TAL		
Examiners' use only", and those boxes inside the question paper.			side the			APPROVED:	-
PUBLISHERS OF					Mathe	Consultant	

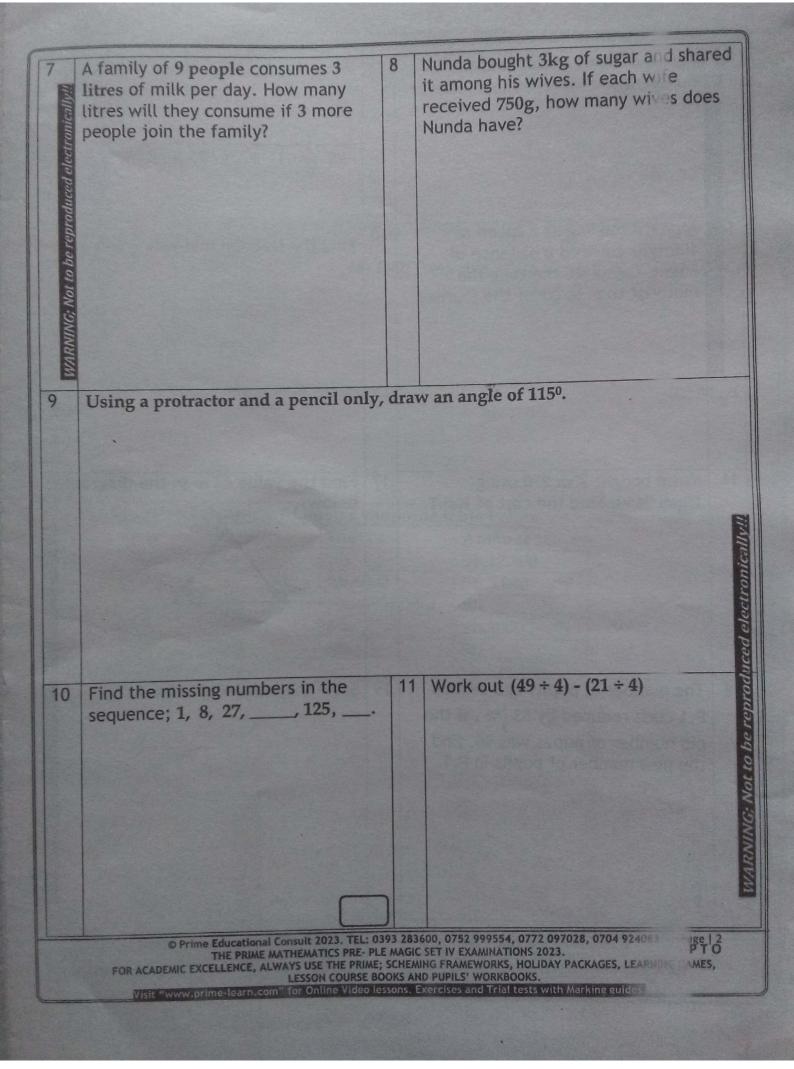
SCHEMING FRAME WORKS, PUPILS' WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES, LEARNING GAMES AND MORE...

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Turn Over

Section A (40 Marks) Write in figures; Nineteen thousand Find the missing number twenty four. 36 + The table below shows pupils in four Given that set $T = \{1, 2, 3, 4, 5, 6, 7\}$ 4 classes who have eye problems. $TUS = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$ TALLY $T \cap S \{3, 4, 5\}$, Find n(S) CLASS P.4 ## P.5 P.6 111 P.7 How muny pupils have eye problems altoget!:er? An Art and Craft lesson started at Subtract 3(p + 2) from 7p. twenty minutes to three in the afternoon. Write the time it started in 24 hour clock © Prime Educational Consult 2023. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 Page | 1
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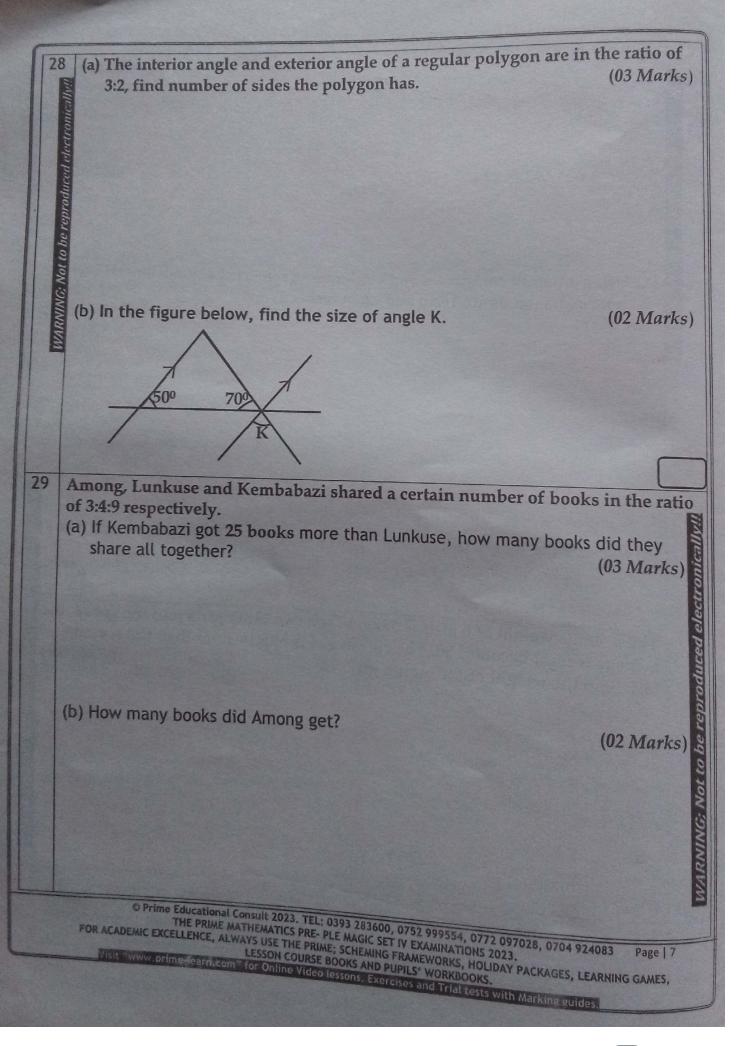
[17	Round off 4568 to the nearest hundreds.	13	Work out; +4 -+7 on the number line.		
	nundreds.		-3 -2 -1 0 1 2 3 4 5 6 7 8		
1.	A cyclist moving at a speed of 40km/hr covered a distance of 60km. Calculate the time the motorist took to cover the journey.	15	Find the fraction mid-way $\frac{1}{2}$ and $\frac{1}{3}$.		
16	Maiso bought Ksh 270 using Ugsh 9450. Find the cost of Ksh1.	17	Find the value of m in the diagram below. 3m 600		
18	The number of pupils in a certain P.1 class reduced by $33\frac{1}{3}\%$. If the old number of pupils was 96, find the new number of pupils in P.1.	19	Solve the inequality: 11 > 3 - 2k		
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Tin Si	(b) Simpl	ify $\frac{1}{3}$ of $\frac{2}{5}$ +	$\frac{1}{4} \div \frac{15}{28}$		(03 Mark
electronically!!					
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del					
duce					
repro	The volum	mo of the fi	1 1 1 100	a cu list and and	wer the question
ber	below.	ne or the rigui	re below is 480cm	13. Study it and ans	swer the question
ot to	K		(a) Find the	value of h.	(03 Marks)
WARNING, NO		1	(4)	101	
VIVE	h				
MAR	8cm				
Z		10cm			
	(b) Calcul	ate the sum of	all its edges.		(02 Marks)
		2	an its eagest	Late Town	
4	Study and	d complete Ma	tovu's shopping t	able below	(06 Marks)
1	Item	Quantity	Unit cost	Amount	(001,2000)
	Posho	4kg	Sh	Sh.12,800	
	Beans	kg	Sh.6000	Sh.3,000	
	Sugar	750g	Sh.4000perkg	Sh	
	Milk	1½ ltrs	Sh	Sh.3000	
	Rice	3kgs	Sh	Sh	
	Total exp	penditure	用的 35 自由 3度 3 度	Shs.35,300	
-					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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			W 2023 TEL: 0393 28360	0 0752 999554 0772 097028	
		Prime Educational Con THE PRIME MATE	sult 2023. TEL: 0393 28360	0, 0752 999554, 0772 097028, T IV EXAMINATIONS 2023. FRAMEWORKS, HOLIDAY PACK PUPILS' WORKBOOKS.	0704 924083 Page 5

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20 Jena Herbal Company packs Jena Cough Mixture in 400 millilitre tins. How many such tins can be packed from a 12 litre container? Section B (60 Marks) At a birthday party, guests were served with Fanta (F) and Mirinda (M) as shown on the Venn diagram below. Study it carefully and use it to answer questions that follow. n(F n(M)6p + 1426 2p + 12(a) If 64 guests were served with Fanta, find; (i) the value of p. (02 Marks) (ii) the total number of guests who attended the party. (02 Marks) (b) Find the probability that a guest picked at random did not take any drink. (01 Mark) 22 (a) Express $\frac{2}{45}$ as a recurring decimal. (02 Marks) © Prime Educational Consult 2023. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 THE PRIME MATHEMATICS PRE- PLE MAGIC SET IV EXAMINATIONS 2023 Page | 4

25		0)? (03 Marks)
	(b) Work out $54_{\rm six} \times 22_{\rm six}$	(02 Marks)
2 SAINGAM	S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(03 Marks)
	(b) Measure the length QR.	(01 Mark)
27	giri. Find the weight of the control of	(05 Marks) (05 Marks)
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30 Myllosillyll	Kamya is 32 years old and his daughter is 14 years old. (a) How many years ago was Kamya three times as old as his daughte	r? (03 Marks)
G: Not to be reproduced electronically!!	(b) How old was Kamya then?	(02 Marks)
3 SANANING		
	30cm	
	44cm	
	(a) Find the diameter of the cylinder.	(02 Marks)
	(b) Calculate the; (i) Area of the sheet needed to cover the circular ends of the cylinder	er. (02 Marks)
	(ii) Capacity of the cylinder.	(01 Mark)
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