

## The PRIME EXAMINATIONS 2023

## P.7 PRE – PLE MAGIC SET IV

## MATHEMATICS

Time allowed 2 hours 30 minutes

			WELL EXPLAINED LESSON VIDEOS WITH TESTS BY EXPERT TEACHERS
INDEX NO:	Random No.	Personal No.	DOWNLOAD THE PRIME LEARN APP
			DOWNLOAD THE PRINCE LEARN COIN
Candidate's N	lame:		
Cardidate's S	Signature:		
School Rand	lom No		
District ID:			
C========	TOLLOWING INSTRUCTION	ONS CAREFULLY	FOR EXAMINERS' USE ONLY

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- 1. Do not write your school or district name anywhere on this paper.
- 2. This paper has two sections: A and B Section A has 20 questions and section B has 12 questions. The paper has 9 printed pages.
- 3. Answer all questions. All the working for both pections A and B must be shown in the spaces provided.
- 4. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
- No calculators are allowed in the examination room.
- 6. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
- 7. Do not fill anything in the table indicated "For Examiners' use only", and those boxes inside the question paper.

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FOR EXA	MINERS' US	E ONLY
QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 5		
6 - 10		
11 - 15		G
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30	,	
31 - 32		
TOTAL		

APPROYED:

Consultant

Mathematics Department (PEC

PUBLISHERS OF.-

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

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Kampala

Turn Over



The table below shows pupils in classes: who have eye problems.  The table below shows pupils in classes: who have eye problems.  CLASS TALLY  P.4 ##     P.5       P.6 ###      P.7 ##      How many pupils have eye problem altoget!:er?  An Art and Craft lesson started at twenty minutes to three in the afternoon. Write the time it started in 24 hour clock.  OPTIME Educational Consult 2013, TEL 0397 283600, 0752 999554, 0772 097028, 0704 924063 Page   11  POR ACADEMIC EXCHENCE, ALWAYS USET THE RANGE STI ME PARMANTONS 2023, ORDINAY PACKAGES, LEARNING GAMES FOR ACADEMIC SCALERCE, ALWAYS USET THE PRIME AND FERRANCE PROBLEMS FERRANCE PROBLEM FERRANCE PROBLEMS FERRANCE AND SCALENCE PROBLEMS. SCALENCE PROBLEMS FERRANCE PROBLEMS FER	Continu A (	40 N	<u> </u>
3 6  Given that set T = [1,2,3,4,5,6,7]  TUS = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]  T \(\text{TIS} = \frac{1}{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  T \(\text{TIS} = \frac{1}{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  T \(\text{TIS} = \frac{1}{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  T \(\text{TIS} = \frac{1}{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  T \(\text{TIS} = \frac{1}{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\text{TIS} = \frac{1}, 2, 3, 4, 5, 6, 7, 8, 9, 10\)  P \(\te	[2] 전문 - 전문 시민 전문 전문 경기 (1) 등 전문 기계 (1)	2	ALLIC III 1.2
TOS = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]  TOS [3, 4, 5], Find n(S)  An Art and Craft lesson started at twenty minutes to three in the afternoon. Write the time it started in 24 hour clock.  O Prime Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O Prime Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O Prime Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O Prime Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O Prime Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O PRIME Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O PRIME Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O PRIME Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.  O PRIME Educational Consult 2023. TEL: 0393 283600, 0752 999854, 0772 097028, 0704 924083 Page   1 THE PRIME MATHEMATICS PRE-PLE MAGIC SET IV EXAMINATIONS 2023.		·	twenty 1042
twenty minutes to three in the afternoon. Write the time it started in 24 hour clock.  O Prime Educational Consult 2023. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 Page   1  THE PRIME MATHEMATICS PRE- PLE MAGIC SET IV EXAMINATIONS 2023.  THE PRIME MATHEMATICS PRE- PLE MAGIC SET IV EXAMINATIONS 2023.  FOR ACADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SCHEMING FRAMEWORKS, HOLIDAY PACKAGES, LEARNING GAMES.	$T \cup S = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$	4	CLASS         TALLY           P.4         ##              P.5                       P.6         ###                 P.7         ##                 How many pupils have eye problems
FOR ACADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SCHEMING FRAMEWORKS, HOLIDAY PACKAGES, LEARNING GAMES	twenty minutes to three in the afternoon. Write the time it started	6	Subtract 3(p + 2) from 7p.
Visit "www.prime-learn.com" for Online Video lessons. Exercises and Trial tests with Marking guides.	FOR ACADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SO	HEMING	FRAMEWORKS, HOLIDAY PACKAGES, LEARNING GAMES

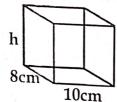
TA.	family of 9 people consumes 3	8	Nunda bought 3kg of sugar and shared
lit	tres of milk per day. How many tres will they consume if 3 more eople join the family?		it among his wives. If each wire received 750g, how many wives does Nunda have?
delectr			
Not to be reproduce			
G; Not to b			
WARVIN			7. 6.17.50
9	Using a protractor and a pencil onl	y, dra	iw an angle of 115°.
3			
45			
0			
10	Find the missing numbers in the sequence; 1, 8, 27,, 125,	1	1 Work out (49 ÷ 4) - (21 ÷ 4)
	sequence, if of any		
类			•
	© Prime Educational Consult 2023, TEL THE PRIME MATHEMATICS PRE- FOR ACADEMIC EXCELLENCE, ALWAYS USE THE PR LESSON COURS	: 0393 2 - PLE MAG	83600, 0752 999554, 0772 097028, 0704 924083 ge   2 PTO GIC SET IV EXAMINATIONS 2023.
	THE PRIME MATHEMATICS	ME. SCH	EMING FRAMEWORKS, HOLIDAY PACKAGES, LEARNING

2	Round off 4568 to the nearest	13	Work out; *4 - *7 on the number 1/2
allm	hundreds.	No. of Paris Section 1	
ame		Section of the sectio	
lectr		The same of the sa	-3 -2 -1 0 1 2 3 4 5 6
		The second secon	6 7
ndme			
T TOO	A cyclist moving at a speed of	15	
o pe	40km/hr covered a distance of	The second secon	Find the fraction mid-way $\frac{1}{2}$ and $\frac{1}{2}$
Not	60km. Calculate the time the motorist took to cover the journey.	N SECTION OF SECTION S	
NG	to cover the journey.	NOT THE PARTY OF T	and the second s
WARNI		NAME OF TAXABLE PARTY.	red and a second a
22		No. According to the second of	
		COM- E COLONIO DE LA COLONIO D	
		discount of the second	
	- And Control	and the party of t	
16	Maiso bought Ksh 270 using	17	Findal
	Ugsh 9450. Find the cost of Ksh1.	17	Find the value of m in the diagram below.
		Parameter State of the State of	/3m
			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
			5m
			60
		THE RESIDENCE OF THE PROPERTY	
18	The number of pupils in a certain		
	crass reduced by 33 10	19	Solve the inequality: $11 > 3 - 2k$
	old number of pupils was 96, find	Section of the section of	11 3 - 2k
	the new number of pupils in P.1.		
		Colinga	
		To an and a stage of	
10 p		MITTER AND PROPERTY OF STREET	
		and of South Property and	
		and any state of the state of t	이 보통 이 많은 그 사이 작품이 많은 <mark>(편안</mark> ), 이 없 보통 - 사용이 하는 전상 (전원 ) 이 전환 (전원 )
	FOR ACADEMY THE PRIME NOT THE	WWW.	0,0752 999554,0772 097028,0704 924083 Page   3 FRAMEWORNS, NOLIDAY, 0104
10000	FOR ACADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SC LESSON COURSE BOOK	283600 AGI SE	, 0752 999554, 0772 097038, 0704 924083 PREE   3 T IV EXAMINATIONS 2013, FRAMEWORKS, HOLIDAY PACKAGES, LEARNING GAMES, UPILS: WORKBOOKS.
iv is	ANY COURSE BOOK OF ONLY COURSE BOOK	HEMING	FRAMEWORKS, HOLIDAY PACKAGES, LEARNING GAMES, UPILS: WORKBOOKS.

(b) Simplify  $\frac{1}{3}$  of  $\frac{2}{5} + \frac{1}{4} \div \frac{15}{28}$ 

(03 Mar)

The volume of the figure below is 480cm<sup>3</sup>. Study it and answer the questions below.



(a) Find the value of h.

(03 Marks)

(b) Calculate the sum of all its edges.

(02 Marks)

Study and complete Matovu's sh

Tr.	complete Mat	ovu's shopping t	261 1 1
Item	Quantity	ovu's shopping t Unit cost	able below.
Posho	4kg	Sh.	Amount
Beans	kg		Sh.12,800
Sugar	750g	Sh.6000	Sh.3,000
Milk	1½ ltrs	Sh.4000perkg	Sh.
Rice	3kgs	Sh	Sh.3000
Total exp	enditure	Sh	Sh.
V "			Shs.35,300

(06 Marks)

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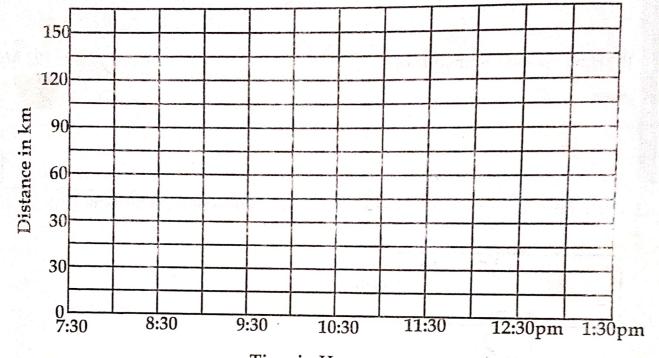
	at number has b		co 5110 (22 0		(03 Ma	rks
(b) W	ork out $54_{\rm six} \times 22_{\rm six}$	dv.			(02 Ma	rks
(-)						
					1.00	) C
(a) T	Jsing a pair of co	npasses and a	ruler only, cor	istruct a qua	adrilateral PQR	(S ulca)
	whose diagonals	are 16cm and 12	2cm respective	ely.	(03 Mai	rks j
	8 -					
						5
						man.
		th OP			(01 Mar	rk
(b	) Measure the leng	th QR.			(01 Mar	rk)
(b	) Measure the leng	th QR.			(01 Mar	rk)
			g. When two	other girls jo	in the group, th	
27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo heavier tha	in the group, th n the seventh	ne l
27 T		of 6 girls is 55k	anni ann 12 okt	other girls jo theavier tha	in the group, th	ne l
27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo heavier tha	in the group, th n the seventh	ne l
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27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo gheavier tha	in the group, the	ne l
27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo theavier tha	in the group, the	ne l
27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo heavier tha	in the group, the	ne l
27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo theavier tha	in the group, the	ne l
27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo heavier tha	in the group, the	ne l
27 T	The average weight	of 6 girls is 55k	anni ann 12 okt	other girls jo g heavier tha	in the group, the	ne l

(a) The interior angle and exterior angle of a regular polygon are in the ratio of 3:2, find number of sides the polygon has. (02 Marks) (b) In the figure below, find the size of angle K. Among, Lunkuse and Kembabazi shared a certain number of books in the ratio 29 of 3:4:9 respectively. (a) If Kembabazi got 25 books more than Lunkuse, how many books did they (03 Marks) share all together? (b) How many books did Among get? (02 Marks) O Prime Educational Consult 2023. TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083 Page 1
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EMIC EXCELLENCE, ALWAYS USE THE PRIME; SCHEMING FRAMEWORKS, HOLIDAY PACKAGES, LEARNING GAMES, LESSON COURSE BOOKS AND PUPILS' WORKBOOKS.

	as his daughter? (03 Marks
a) How old was Kamya than?	(02 Marks)
o) How old was Kamya then?	(OZ INZIIII)
The figure below shows a net of a cylinder whose hei	ight is 30cm.
30cm	
44cm	
the state of the sulinder	(02 Marks)
(a) Find the diameter of the cylinder.	(02 1/11/10)
(b) Calculate the;	
(b) Calculate the, (i) Area of the sheet needed to cover the circular end	ds of the cylinder.
	(02 Marks)
any 5 seitu of the cylinder	(0.15.1)
(ii) Capacity of the cylinder.	(01 Mark)
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THE PRIME MATHEMATICS PRE- PLE MAGIC SET IV EXAMINATION OF ACADEMIC EXCELLENCE, ALWAYS USE THE PRIME; SCHEMING FRAMEWORKS	HOLIDAY PACKAGES LEADING PTO
TEZZON CORUZE BOOKZ VHD BABITZ, MOKKBO	LEARNES, LEARNING CAMES.

(a) Show Epodoi's journey on the graph below.

(03 Marks)



Time in Hours

(b) Find the average speed for the whole journey.

(02 Marks)



REVISION TIP

Check the accuracy required for your solution (correct units, labeling of angles, putting the operation sign among others).

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