KAMPALA PRIMARY EXAMINATION BOARD PRIMARY SEVEN PRE - MOCK SET II EXAMS TERM II

ASSESSMENT 2024 MATHEMATICS

DUKATION: Z HOUKS 15 MINUTES

INDEX	EMIS NUMBER	PERSONAL NUMBER
NUMBER		

Name

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO. Read the following instructions carefully.

- This paper is made up of two sections. A and B
- Answers to both sections must be 2 written in the spaces provided.
- Section A has 20 questions (40 marks)
- Section B has 12 questions (60 marks)
- Attempt ALL questions. All answers to both Sections A and B MUST be written in 5. the spaces provided
- ALL answers must be written in blue or 6 Black ball point or ink. Only diagrams And graphs work must be done in pencil
- Unnecessary alternations of work will load 7. to loss of marks.

FOR EXAM	MINERS US	EONLY	
QN.NO.	MARK	SIGN	
1 - 10			
11-20			
21-22			
23-24			-
25- 26			H
27-28	3		
29-30			-
31-32	2		1
TOTA	L		

2. Simplify: 4y + y - 3y
Z. Same
4. Find the next number in the sequence. 12, 9, 6, 3,
6. Shanitah had 15 pens in a bag. If 9 pens were red and the rest were black. What is the probability of picking a black pen at random?
8. The area of a square flower garden is 196m². Find the length of each side.
10. Given that $32_k = 110_{\text{four}}$. Find the value of k.

11. Emmanuel had 5/6 of his salary and spent 1/4 of it. What fraction remained? 5 x 1 3/4 2/3 2	12. Write the mathematical statement represented on the number line below. 14. Hakim is thrice as old as Aisha. Their total age is 52 years. How
angles. How many sides has the polygon? Sides = Righ+ angles = 14.8 2) = 8 sides	old is Aisha? Let the age of Aisha be a Hakim Aisha Total Is Aisha a 3a 52 15 39 year $a+3a=52$ Aisha old $a=3a=52$ $a=3a$
15. Find the number which has been expanded below. (2x10²) + (7x10¹) (2x10x10) + (7x10) 200+70 270. 1. The number which has been expanded is 270¹	16. Ojok bought 30 books at sh. 6000 per dozen. How much did he spend? Idozen = Iz books Iz books = Sh'6000 30 books = (30 xSh-6000) Sh'180000
17. Joyce ate lunch at the time shown below. Express this time in 24 Hour clock notation.	18. Workout: 14 ÷ 2 14 † 2 15 5 19 7 5 19 7 5 114 † 2 = 7 15 5 3 6x

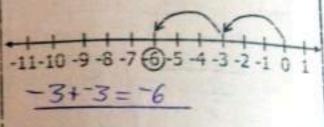
89 years

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11. Emmanuel ha	d 5/6 of his sa	alary
and spent 1/4 o	f it. What fra	ction
remained?		2/4
2×T	130 130 E	23
6 4	18	73

2 rem 6	2	6	14
34	2	3	2
1×	3	3	1
=24		1	1
=21	ZX	ZK	3=12

12. Write the mathematical				
statement represented on the				
number line below.				



14. Hakim is thrice as old as Alsha. Their total age is 52 years. How old is Alsha? Hakim

ı	Hakim	Alsho	a	Total	00.5
	a	30		52	15
	a+30 =	52	A	isha	old
1	Na =	-	H	5 /2	
3	241	14	_	+ 3	
		12		39	
V	a :	15			

Aisha 9460

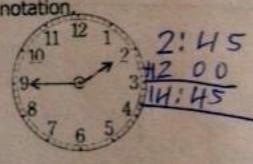
15. Find the number which has been expanded below.

$$(2x10^2) + (7x10^{-1})$$

 $(2x10x10) + (7x10^{-1})$
 $(2x10x10) + (7x10)$
 $200 + 70$

16. Ojok bought 30 books at sh. 6000 per dozen. How much did he spend?

17. Joyce ate lunch at the time shown below. Express this time in 24 Hour clock notation



18. Workout: 14 ÷ 2

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the ratio of 3:2. If he has 24 goats, how many sheep does she total ration have?

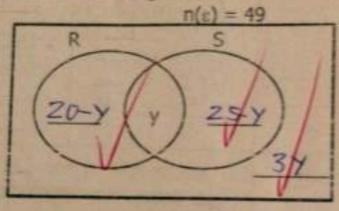
She Sheep

19. Nyapendi has goats and sheep in their GCF is 6. If one of the has 24 their GCF is 6. If one of the number is 24, find the second number

* Nex

SECTION B

- 21. In a village of 49 farmers, 20 grow rice (R), 25 grow sorghum (S) and v grow both crops while 3y grow neither of the two crops.
- a). Complete the Venn diagram below.



(3mks)

b). Find the value of y.

$$\frac{1}{2}y = A^{2}$$

$$\frac{2}{2}y = A^{2}$$

c). How many farmers grow neither rice nor sorghum?

37 =(5x5)x5/1=8 =8X2X2

(Imk) 68 farmers growneither rice nor

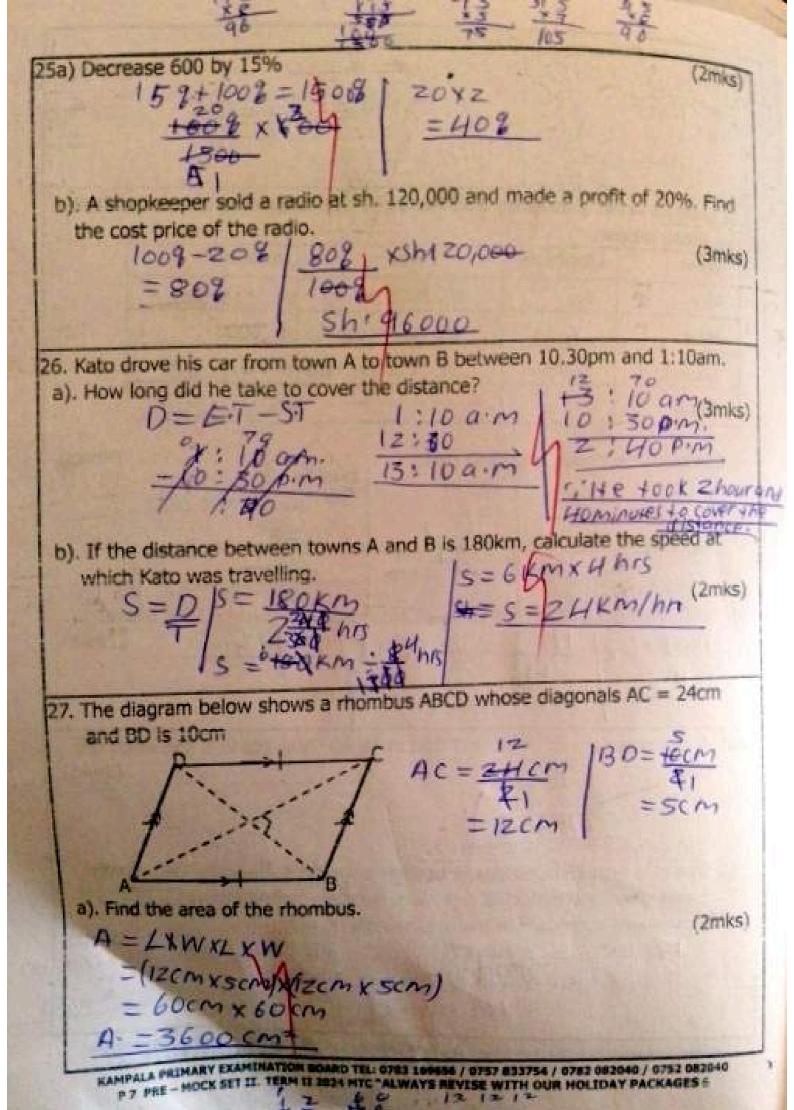
22a) Express 0.0508 in scientific form.

(2mks)

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= 100 marks



ST Calc	culate its perimeter.
D). Co-	
K=	12cm + Schillzchitsch
	17cm+17cm
	CONTRACTOR OF THE PROPERTY OF
	3HCM

28. Susan has two children, a son and a daughter. If the son is half her age, the daughter is a third her age and the total age of the two children is 30 years.

a). Find Susan's age.

TE 4 4114	Susans agr	De C
SUSAN	Daughter	Total
n	20	30

DIZA = 30 years (3mks) = loypus

b). How old is the son?

(1mk)

A cylindrical tank of diameter 70cm contains water to a height of 100cm.

Find the amount of water the tank contains in litres.

(4mks) = 1 D+D = 1 × 74 × 100 = 1 × 74 × 100 = 1 × 74 × 100 = 35 × 100 = 35 × 100 = 35 × 100 = 35 × 100

30. Given that x = 3y and y = 5. Find the value of;

(3mks)

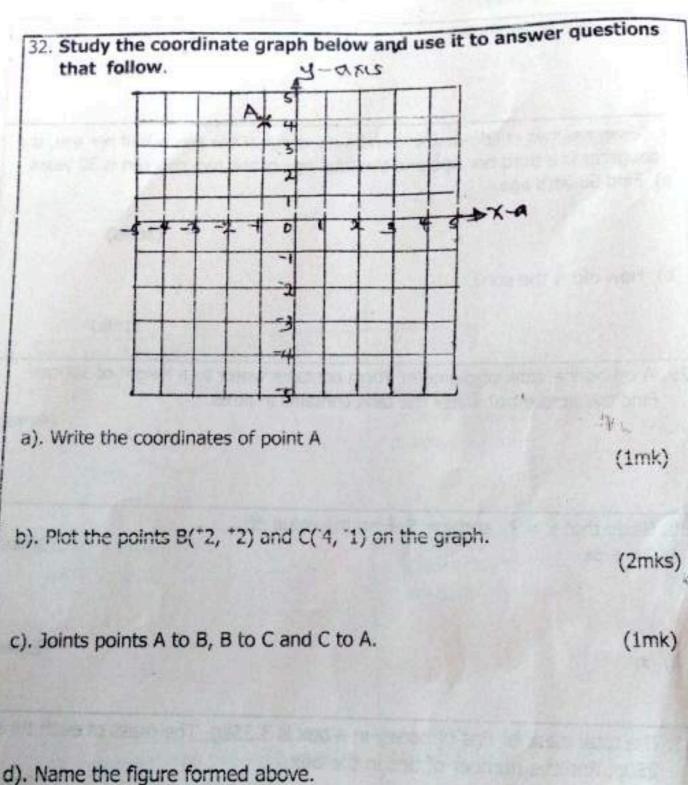
(Arriks)

(2mks)

31. The total mass of tins of honey in a box is 3.25kg. The mass of each tin is 250g, find the number of tins in the box.

- 13tins

(4mks)



The End