KAMPALA PRIMARY EXAMINATION BOARD

PRIMARY SIX SET I TERM III
ASSESSMENT 2023
MATHEMATICS
DURATION: 2 HOURS 30 MINUTES

Name: ....

School:

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

1. This paper is made up of two sections:
   A and B

2. Answers to both sections must be written in the spaces provided in full sentences.

3. Section A has **20** questions (40 marks)

4. Section B has **12** questions (60 marks)

5. **Attempt ALL questions.** All answers to both Sections A and B **MUST** be written in the spaces provided

6. ALL answers must be written in blue or Black ball point or ink. Only diagrams And graphs work must be done in pencil

7. Unnecessary alternations of work will lead to loss of marks

8. Any handwriting that cannot be easily Read may lead to loss of marks.

FOR EXAMINERS USE ONLY

QN.NO.	MARK	SIGN
1 - 10		
11- 20		
21- 22		
23- 24		
25- 26		
27- 28		
29- 30		
31- 32		
TOTAL		

SECTION A

1. Divide: $12 \div 13$

2. Write the place value of 5 in 4507

3. Solve: $m + 8 = 11$

4. Shade set A in the Venn diagram below

5. Find the GCF of 12 and 18

6. Workout: $\dfrac{2}{3} + \dfrac{1}{5} =$

7. Find the median of 6, 9, 7, 5, 3 and 10.
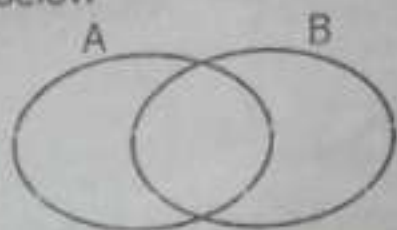
8. Show 3406 on the abacus below

9. Express $3\dfrac{1}{2}$ hours as minutes.

10. Workout: $6 + 6 \div 6$

11. The cost of 5 books is sh. 6500 Find the cost of 9 similar books
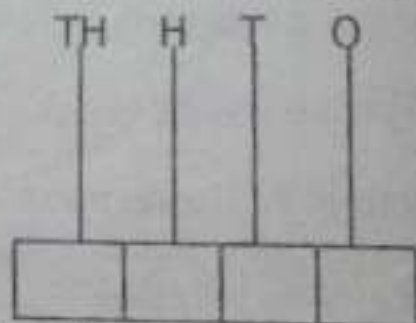
12. Decrease sh. 4,800 by 15 %

13. Workout:

weeks	days
4	2
- 2	5

_____

14. The area of the rectangle below is 40cm². Calculate it's length

4cm
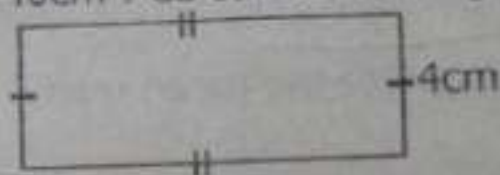
15. Using a protractor draw an angle of 50^0

16. Set Q has 32 subsets. Find the number of elements of set Q

17. Find the number which has been expanded below.

$(3\times10)+(7\times10)+(2\times10)+(4\times10)$

18. An empty tin weights 0.35kg. What will be the weight of 20 such tins?

19. Express 18 as a percentage of 20.

20. What integer is 5 steps on the left of +2?

SECTION B

21. Mubiru scored the following marks in end of term II exams

55, 90, 60, 80, 95, 60, 50

a) Find the modal mark.

(1mk)

b) Workout the range.

(1mk)

c) Find the median mark.
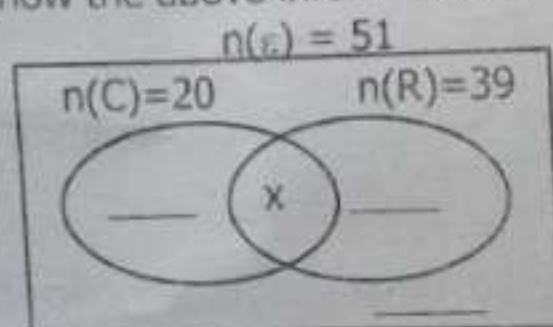
d) Calculate the mean mark

22. Simplify: $56 + 4.2 - 3.7$

b) Workout: $\dfrac{0.36 \times 0.4}{0.9}$

23. In a village of 51 farmers 20 grow cassava(C), 39 grow rice(R), X grow both crops while 21 grow neither of the two crops.
    a) Show the above information on the Venn diagram below.

b) Find the value of x.

c) How many farmers grow only one crop?

24a) Simplify: $4m + 6n - 2m + n$

b) Given that $x = 3$, $y = 2$ and $z = 4$. Find the value of $4x \div yz$

(2mks)
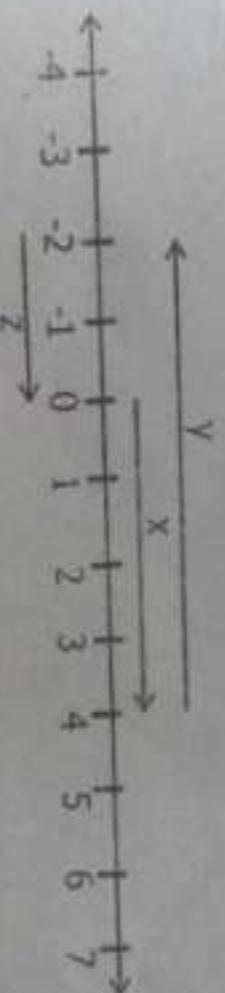
c) Solve: $2k - 5 = 9$

(2mks)

25. In a school of 240 pupils, $\frac{2}{5}$ of them are boys and the rest are girls

a) Find the fraction of girls.

(1mk)

b) How many boys are in the school?

(2mks)

c) How many more girls than boys are in the school?

(2mks)

26. Use the number line below to answer questions that follow

a) Write the integer marked;

(1mk@)

i) x

ii) y

iii) z

b) Write the mathematical statement for the numberline above.

(1mk)

27a). What is the place value of 2 in 203 five? (1mk)

b) Change 37ten to base five (2mks)

c) Workout: 1 3 2$_{five}$ (2mks)
$$\frac{-\ 1\ 4_{five}}{\underline{\hspace{3cm}}}$$

28a) A factory produces 75 crates of soda daily. If each crate contains 24 bottles, How many bottles of soda will the factory produce in five days? (3mks)

b) Find the sum of 447,398 and 354,876. (2mks)

29. John, Betty and Pius shared 72 books in the ration of 3:2:4 respectively.
a) How many books did each get? (3mks)

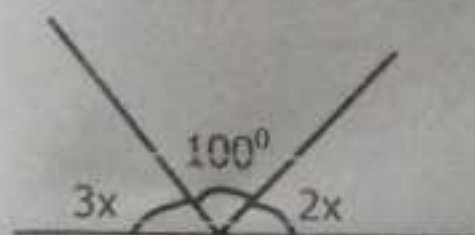b) How many books did Pius get than John? (1mk)

30. Find the value of unknowns below
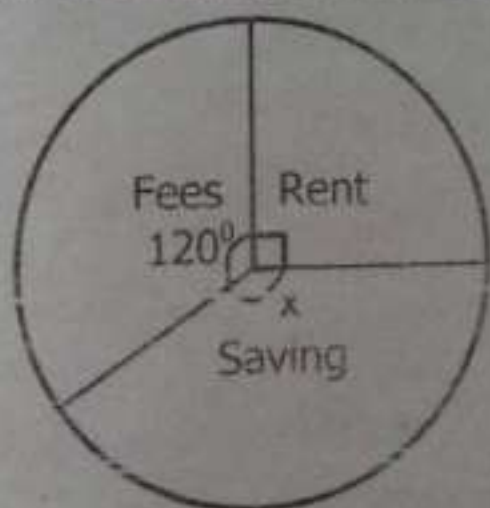
a)

40^0

$2k$

(2mks)

b)

$3x$ 100^0 $2x$

(3mks)

31a). Workout: 9 - 12 + 11

(2mks)

b) Find the simple interest on sh.120,000 for 3 years at 18% per year.

(2mks)

32. The pie - chart below shows how Mr. Okurut spent his July salary of sh. 540,000.

Fees | Rent
120^0
x
Saving

a) Find the value of x.

(2mks)

b) How much did he spend on fees? (2mks)

c) What percentage of the money was spent on rent? (1mk)

THE END