

KOLFRAM EDUCATIONAL SERVICES KAMPALA

MIDTERM II EXAMS 2023

PRIMARY FOUR MATHEMATICS

Time allowed: **2** hours **30** minutes

Index Number:

Random Number						Personal Number		

Candidate's Name: _____

Candidate's Signature: _____

School Name: _____

District Name: _____

DO NOT OPEN THIS BOOKLET UNLESS YOU ARE TOLD TO DO SO

Read and follow these instructions carefully:

1. This paper has **two** sections: **A** and **B**. Section A has **20** questions and section B has **12** questions. The paper has **7** printed pages.
2. Answer all questions. **All** answers to both sections **A** and **B** must be shown in the spaces provided.
3. All answers must be written using a **blue** or **black** ball point pen or ink. Any answer written in pencils other than on graphs and diagrams will not be marked.
5. 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 boxes inside the question paper.

FOR EXAMINERS USE ONLY

QN. NUMBER	MARKS	EXAMINER'S INITIAL
1-5		
6-10		
11-15		
16-20		
21-22		
23-24		
25-26		
27-28		
29-30		
31-32		
TOTAL		

A PRODUCT OF KOLFRAM EDUCATIONAL SERVICES KAMPALA

A leading manufacturer and distributor of Kolfram STANDARD premium workbooks, lesson note books, Kolfram textbooks for all classes, assessments, Past PLE Revision books, past PLE Revision workbooks and holiday packages

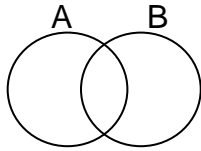
Turn over

SECTION A: 40 MARKS (2MARKS EACH)

1. Add: 2 3

$$\begin{array}{r} + 1 \quad 5 \\ \hline \end{array}$$

2. Describe the shaded region.



3. Find the value of 5 in the number 459

4. Add: $\frac{3}{7} + \frac{2}{7}$

5. Write as multiplication.

$$3 + 3 + 3 + 3 = \underline{\quad} \times \underline{\quad}$$

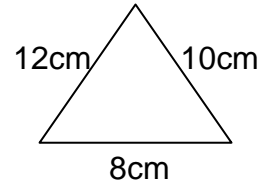
6. Arrange the following numbers beginning with the smallest.

13, 27, 3, 94, 213

7. Find the next number in the sequence:

0, 3, 6, 9,

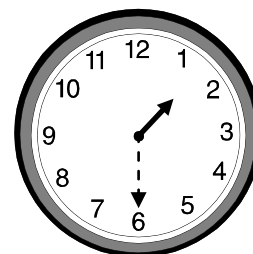
8. Find the distance around the figure.



9. There are 48 pupils in the class. If 26 of them are girls and the rest are boys, how many boys are in the class?

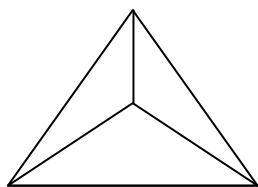
10. A pen costs Shs 400. What is the cost of 3 similar pens?

11. Tell the time.







12. Write 24 in Roman numerals.

13. How many triangles are in the figure below?



14. Change 4 metres to centimeters.

15. How many days are in 3 weeks?

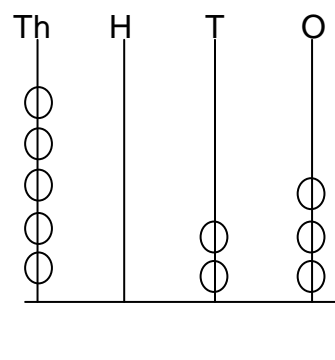
16. If  represents 10 apples.
How many apples are in    ?

17. Subtract 33 from 67.

18. If Set A = {vowel letters}.
List the elements of Set A.

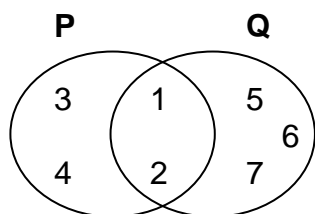
19. Solve: $m + 3 = 9$

20. What number is shown on the abacus below?



SECTION B: (60 MARKS)

21. Use the Vann diagram to answer the questions.



- (a) List all the members of Set P.
(1mark)

- (b) List members of Set Q ONLY.
(1mark)

- (c) Find $P \cap Q$ (2marks)

- (d) Find $P \cup Q$ (2marks)

22. Rahamah went to the shop and bought the items below:
 3 pencils at Sh. 400 each
 2 books at Sh. 300 each
 1 geometry set at Sh. 1500

(a) What is the total cost of the 3 pencils? (2marks)

(b) Find the cost of the 2 books. (2marks)

(c) How much money did Rahamah spend altogether? (2marks)

23. Complete the table below:

Days	_____	14	_____	_____
Weeks	1	_____	4	5

(1mark@)

24(a) Draw the following shapes:

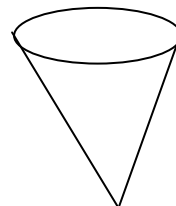
(i) Cylinder (1mark @)

(ii) Pentagon (1mark@)

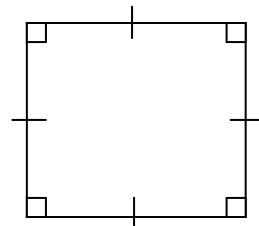
(b) Name the following shapes:

(1mark @)

(i)



(ii)



25. Study the magic square below:

8	1	6
a	5	b
4	c	d

If the magic sum is 15. Find the value of the missing numbers.

(1mark@)

(i) $a =$ _____

(ii) $b =$ _____

(iii) $c =$ _____

(iv) $d =$ _____

26. Luwaga harvested pineapples in the month of April as shown below:

Day	Mon	Tues	Wed	Thur	Fri
Pineapple	78	60	92	85	59

(a) On which day did Luwaga harvest the highest number of pineapples?
(1 mark)

(b) On which day was the lowest harvest recorded?
(1 mark)

(c) Find the total number of pineapples harvested on Monday and Thursday.
(2 marks)

26(d) Find the difference in pineapples harvested on Wednesday and Friday.
(2marks)

27. Find the value of the letters:
(1mark@)

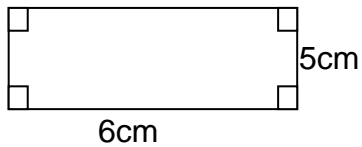
(a) $m + 5 = 13$

(b) $r - 6 = 4$

(c) $15 \div c = 5$

(d) $3 \times a = 9$

28. Study the figure below:



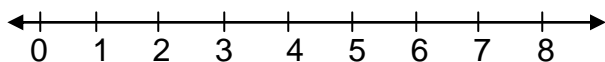
(a) Name the figure. (1mark)

(b) Find its area. (2marks)

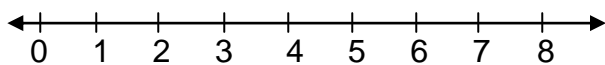
(c) Find its perimeter. (2marks)

29. Use a number line to work out the following: (2marks @)

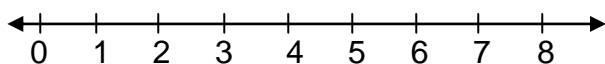
(a) $5 - 3$



(b) $4 + 2$



(c) 4×2



30. Use $>$, $<$ or $=$ to complete the statement. (1mark@)

(a) $3 + 5$ _____ $5 + 5$

(b) 803 _____ 308

(c) 7 days _____ 1 week

(d) IV _____ VI













31. Kato is 12 years old. Kigongo is 21 years old.

(a) Who is older? (1mark)

(b) Find the sum of their age. (2marks)

(c) Find the difference between their ages. (2marks)

32. The graph below shows the number of balls picked by four pupils of P.4 class.

Abdu	  
Moses	 
Adam	  
Rashid	   

Scale:  represents 5 balls

- (a) Who picked the least number of balls? (1mark)
- (b) How many balls did Rashid pick?
(2marks)
- (c) Find the total number of balls picked by all the pupils. (3marks)

Good Luck