KOLFRAM EDUCATIONAL SERVICES KAMPALA

MID TERM ONE EXAMINATION
2023

PRIMARY FIVE

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:

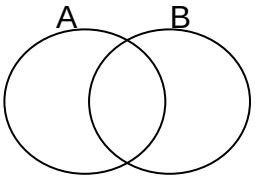
1. This paper has **two** sections: **A** and **B**. Section A has **20** questions and section B has **12** questions. The paper has **7** printed pages.
2. Answer all questions. **All** answers to both sections **A** and **B** must be shown in the spaces provided.
3. All answers must be written using 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		

SECTION A: 40 MARKS (2MARKS EACH)

1. Add: 44 + 12

2. Describe the shaded part.



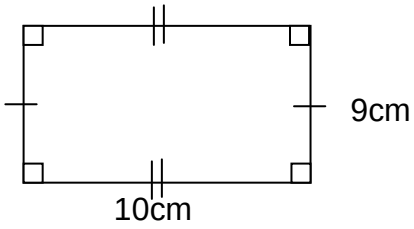
3. Find the value of 6 in 3602.

4. Add: $\frac{1}{2} + \frac{1}{3}$

5. A dice is tossed once. What is the probability that a prime number show up?

6. Simplify 3k + 5k – 7k

7. Find the perimeter of the figure below.



8. Find the next number in the sequence:

1, 3, 5, 7, _____

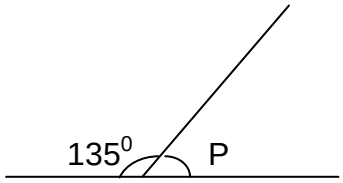
9. Divide: 2121 by 7

10. 3 books cost Shs 2100. Find the cost of one similar book.

11. An examination began at 8.00a.m and ended at 10.00a.m. How long did it last?

12. List down all the factors of 18.

13. Find the value of P in the figure given below.



14. Express 7m to cm

15. Write 2013 in words.

16. Tom is 14 years old. Sarah is 3 years younger than Tom. How old is Sarah?

17. Work out: 3 + 3 = ____ (finite 5)

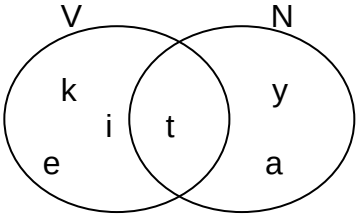
18. If Set A = {x, y, z}
How many subsets has Set A?

19. Simplify: 2x + y + 3x + y

20. What name is given to a six sided polygon?

SECTION B: (60 Marks)

21. Study the Venn diagram below and answer questions that follow.



(a) List down the members of Set V. (1 mark)

(b) Find n(V ∩ N) (2 marks)

(c) How many members are in set N only? (1 mark)

(d) What is V ∪ N? (1 mark)

22. Fatumah went to the shop and bought the items below:

- 2kg of rice at shs 2200 per kg
- A loaf of bread at Shs 3500
- ½ litre of milk at Shs. 1000
- 1kg of meat at Shs. 8000

(i) Find her total expenditure. (3 marks)

(ii) If she remained with Shs. 1000 in the pocket, how much had he at first? (2 marks)

23. Use the signs >, < or = to make the statements true. (1 mark @)

(i) 2 hours _____ 120 minutes

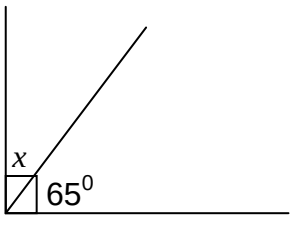
(ii) $\frac{1}{2}$ kg _____ 1000 g

(iii) XXX _____ 40

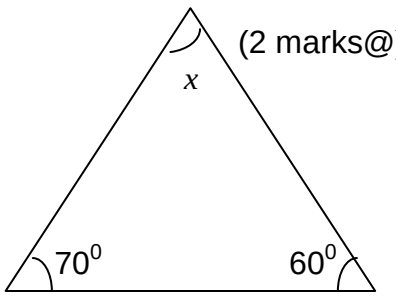
(iv) 23 _____ 2 + 2 + 2

24. Find the unknown angles.

(a)



(b) (2 marks@)



25. Study the magic square below and answer questions that follow.

M	N	4
7	5	R
6	P	8

(a) Calculate the magic sum. (1 mark)

(b) Find the value of:

(i) P (ii) R

(iii) N (iv) M (1 mark @)

26. Given digits 3, 0, 1 and 2

(a) Write the smallest number that can be formed using the above digits. (1 mark)

(b) Write the biggest number that can be formed using the above digits. (1mark)

(c) Find the difference between the smallest and biggest number formed. (2marks)

27. Given that a = 3, b = 4 and c = 5

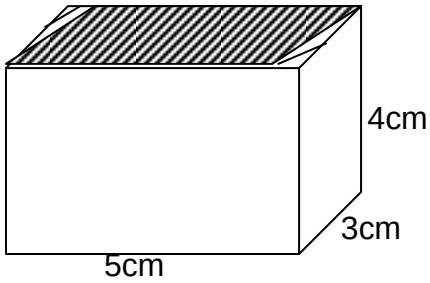
(a) Find the value of: (2marks @)

(i) a – b + c (ii) $\frac{ab}{2}$

(b) Solve these equations: (2marks @)

(i) m + 7 = 20 (ii) t – 3 = 12

28. Study the figure below and answer the questions that follow.



(a) Name the above figure.

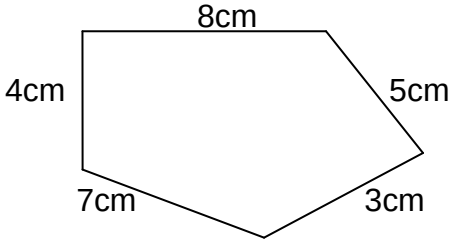
(b) Find the number of:

(i) vertices (1mark)

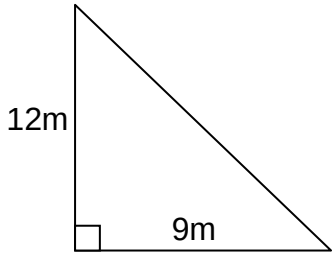
(ii) edges (1mark)

(c) Find the area of the shaded part. (2marks)

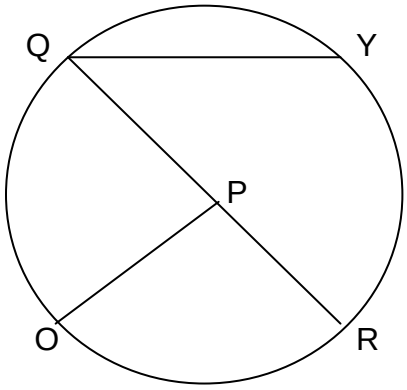
29(a) Find the distance around the figure below. (2marks)



(b) Find the area of the figure below. (2marks)



30. Below is a circle.



(a) Name the following lines: (1mark@)

(i) QY _____

(ii) QR _____

(iii) PO _____

(b) If line PO = 12cm find the length if line QR. (2marks)

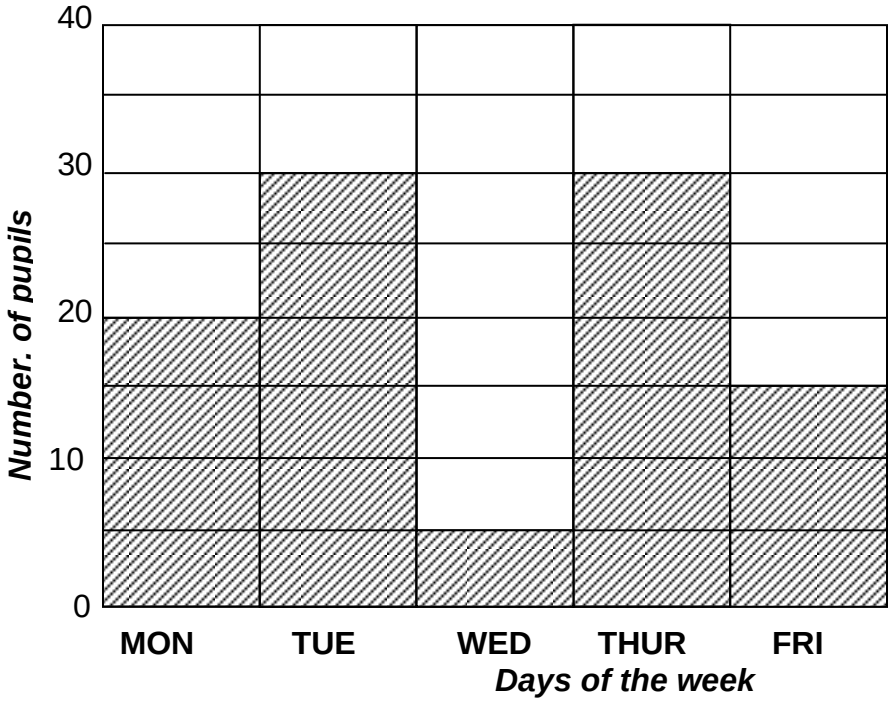
31. Maraka is 8 years older than his brother Marvin. If Marvin is 10 years old.

(a) How old is Maraka?
(2 marks)

(b) Find their total age.
(2 marks)

(c) Find their average age. (2marks)

32. The graph below shows the number of pupils who were absent in a P.5 class of 45 pupils at **Kisakye** Primary School.



(a) How many pupils were absent on Monday? (1mark)

(b) Which days had the same number of absentees? (1mark)

(c) How many pupils were present on Wednesday? (1mark)

(d) Find the total number of pupils absent in the whole week. (1mark)

Good Luck