

KOLFRAM EDUCATIONAL SERVICES KAMPALA

END OF TERM II EXAMINATION 2024



PRIMARY FOUR MATHEMATICS



Time allowed: **2 hours 30 minutes**

Index Number:

Admission Number						Personal Number		

Candidate's Name:

Candidate's Signature:

School ID:

District ID:

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 **8** 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.
4. No calculators or **electronic** pens are allowed in the examination room.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

FOR EXAMINER'S USE ONLY


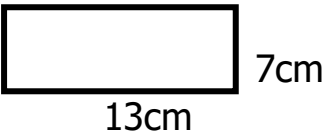
Page NO.	MARKS	EX'ER'S INITIAL
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		


Turn Over

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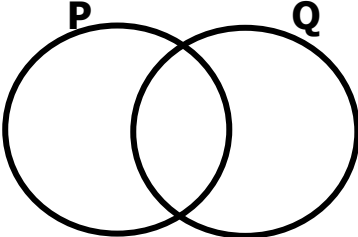
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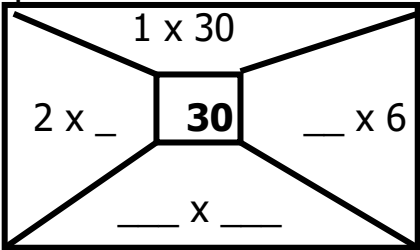
SECTION A: (40 MARKS)

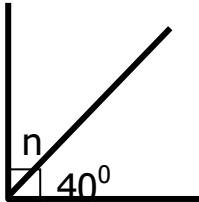
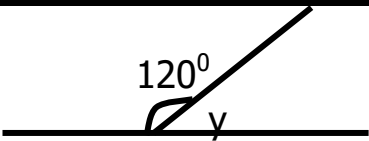
1.	Subtract: $54 - 12$	2.	Write 38 in Roman numerals.
3.	Find the two missing numbers in the sequence below. 150, _____, 130, 120, _____, 100.	4.	Change 5000g to kilograms.
5.	Given that set $A = \{a, e, i, o, u\}$ Find the number of members in A	6.	Name the figure below. 
7.	Find the value of 3 in 8320.	8.	Subtract: $\frac{6}{7} - \frac{3}{7}$
9.	Round off 69 to the nearest tens.	10.	Find the perimeter of the figure below. 
11.	What is $\frac{2}{3}$ of 12?	12.	Share 120 oranges among triplets equally.

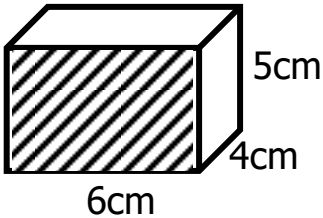
13	One apple costs Sh. 900. Find the cost of 4 similar apples.	14	If ○ = 10 balls, how many balls are represented by ○○○○○
15	Arrange these numbers starting from the smallest to the biggest. 415, 514, 145, 154, 541	16	What number has been represented by the tallies below? ### ### ### ### ///
17	A water tank holds 10,000 litres of water. If 3,000 litres are used, how much water is left in the tank?	18	Complete correctly $6 + 6 + 6 + 6 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$
19	Tell the morning time shown on the clock face below. 	20	Draw an equilateral triangle in the space below.

SECTION B: (60 MARKS)

	<p>Given set $P = \{a, b, c, d, e\}$ $Q = \{c, d, e, f, g\}$ (a) Complete the Venn diagram below. (2 marks)</p> <div style="text-align: center;">  </div>		
(b)	<p>Find: (i) $P \cup Q$ (1 mark)</p>	(ii)	<p>$n(P \cap Q)$ (2 marks)</p>
22	<p><i>Faridah gave me 5 mangoes. Sarah got thrice as much as mine.</i></p>		
(a)	<p>How many mangoes did Sarah get? (2 marks)</p>	(b)	<p>How many mangoes did we get altogether? (2 marks)</p>
23	<p>What number has been expanded to get (a) $(7 \times 1000) + (4 \times 100) + (3 \times 10) + (2 \times 1)$? (2 marks)</p>		
(b)	<p>Write in figures. Sixty six thousand, six hundred six. (1 mark)</p>	(c)	<p>What is the sum of the values of 1 and 8 in the numeral 1,483? (2 marks)</p>

24.	In a bookshop, the prices of items are as follows; 4 rulers cost sh. 2000. 3 rubbers cost sh. 1200. 5 exercise books cost sh. 5000. 2 pencils cost sh. 1000.		
(a)	Find the cost of all the items. (2 marks)	b)	If Musoke went with a ten thousand shilling note, find his change. (2 marks)
(c)	Find the cost of one exercise book. (1 mark)		
25.	Complete the table and list all factors of 30. (1 mark each)		
(a)			
(b)	List all the missing factors of 30. { 1, ___, ___, ___, ___, ___, ___, 30} (1 mark)		
26	(a) How many days are there in 3 weeks? (1 mark)		
(b)	Fill in the missing months of the year. (1 mark each) January, February, _____, April, _____, June, July, _____, September, _____, November, _____		

27.	Use >, < or = to complete correctly. (1 mark each)	
(a)	$3 \times 4 \times 0$ _____ $3 + 4 + 0$	(b) XXXIV _____ 34
(c)	$\frac{1}{4}$ _____ $\frac{1}{3}$	(d) 2 weeks _____ 7 days
(e)	1 kg _____ 500g	
28	(a) Find the size of the unknown angles. (2 marks each) (i) 	(ii) 
(b)	How many right angles make one straight angle? (1 mark)	
29	Solve the equations. (1 mark each)	
(a)	$m + 6 = 9$	(b) $x - 3 = 8$
(c)	$y \times 3 = 15$	(d) $a \div 4 = 4$
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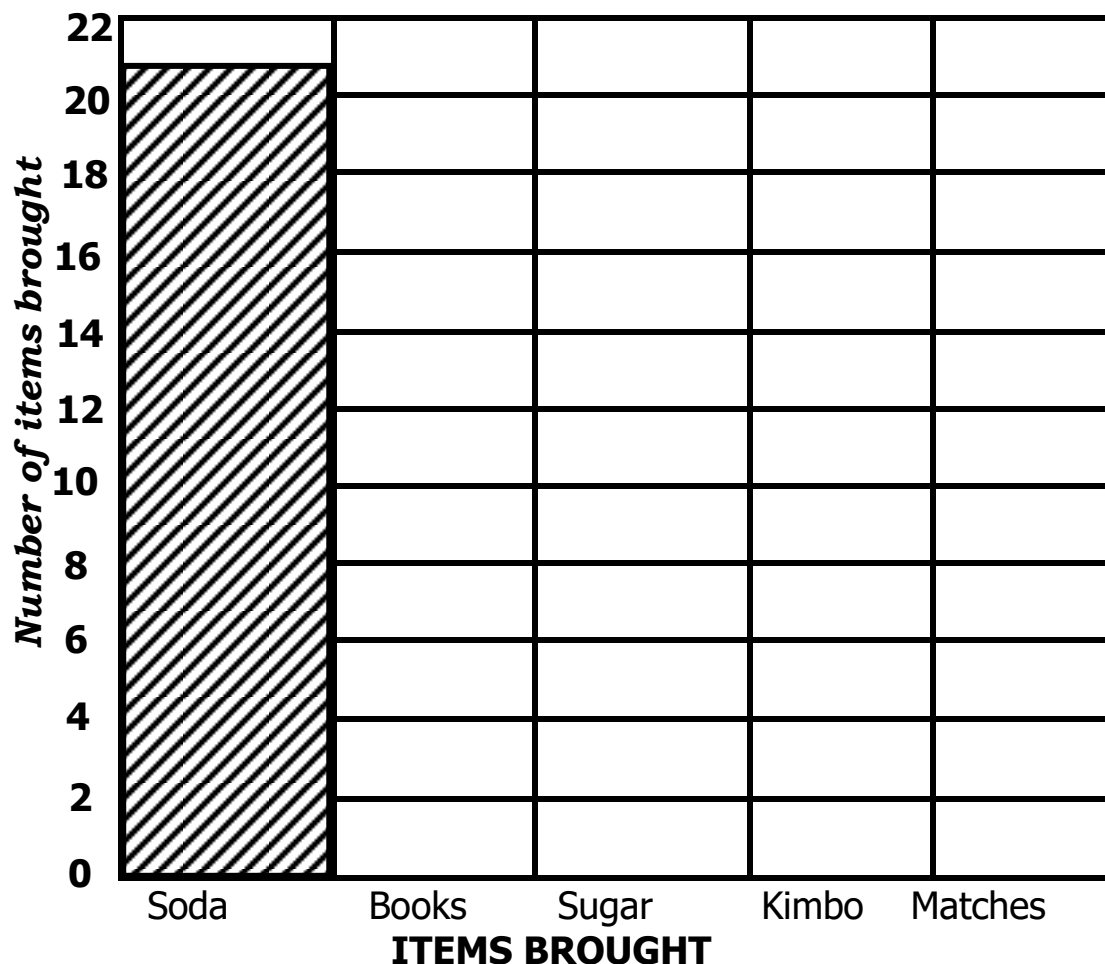
30	<p>Use the figure below to answer the questions.</p> 		
(a)	Name the figure. <i>(1 mark)</i>	(b)	How many vertices has the figure? <i>(1 mark)</i>
(c)	Find the area of the shaded part. <i>(2 marks)</i>	(d)	Calculate volume of the figure. <i>(2 marks)</i>
31	a) Add: $\frac{3}{8} + \frac{1}{8} + \frac{2}{8} =$ <i>(1 mark)</i>	(b)	Find the missing number in the box $\frac{2}{3} = \frac{\square}{9}$ <i>(1 mark)</i>
(c)	What fraction is left after eating $\frac{3}{4}$ of a cake? <i>(2 marks)</i>		

- 32 **A lorry carried bags of sugar, tins of Kimbo, boxes of books, crates of soda and cartons of matches to Mrs. Musoke's shop as shown in the table below.**

Crates of soda	Boxes of books	Bags of sugar	Tins of Kimbo	Cartons of matches
21	9	14	160	13

- (a) **Use the above information to complete the graph by shading.**

(4 marks)



- (b) If a crate of soda has 24 bottles, how many bottles of soda were brought to the shop. (1 mark)
- (c) How many items are packed in each carton? (1 mark)