THE PRIME EXAMINATIONS 2023
PRIMARY FOUR END OF YEAR
MATHEMATICS

Time allocated 2 hours 30 minutes

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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has **two** sections: **A** and **B**. Section A has 20 questions (40 Marks) and Section B has 12 questions. (60 Marks)

2. Answer **ALL** questions. All the working for both sections A and B must be shown in the spaces provided.

3. All working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than on graphs and diagrams will **not** be marked.

4. **No calculators** 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"

FOR EXAMINERS' USE ONLY		
QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

APPROVED

Consultant
Mathematics Department (PEC)

PUBLISHERS OF:-

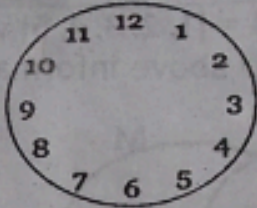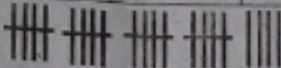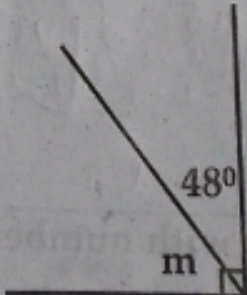|			
1	Work out: 3 2 X 2 _____ _____	**2**	Given that x = {8, 4, m, 8}. Find n(x)
3	Find the number of the following on the figure below. (i) edges _____ (ii) vertices _____	**4**	Work out: $\frac{11}{17} - \frac{5}{17}$
5	Express 4 metres to centimetres.	**6**	Convert 14 days to weeks.
7	Given ⏺ stands for 4 apples. Find the number of apples represented by ⏺⏺⏺⏺	**8**	Write 7000 + 200 + 40 as a single number.
9	Find the missing number in the box below. 7 x ☐ = 21	**10**	List down all the factors of 12.
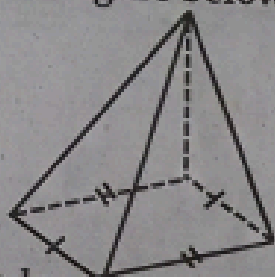
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THE PRIME P4 MATHEMATICS END OF YEAR EXAMINATIONS 2023.

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11	Convert $2\frac{3}{5}$ to an improper fraction.	12	Show a half past four on the clock face below.

13	Given William's age as ‖‖ ‖‖ ‖‖ ‖‖ ‖‖‖ years. Write the age above in Roman numerals.

14	Find the next number in the sequence below. 13, 14, 17, 22, ___	15	How many notes of sh 5000 each can be got from a note of sh 20000?

16	Work out: $3\overline{)405}$	17	Calculate the area of the rectangle whose length and width are 14cm and 9cm respectively.

18	Round off 55 to the nearest tens.	19	Find the value of m below. 48^0 m

0 Use the number line below to work out 5+3.
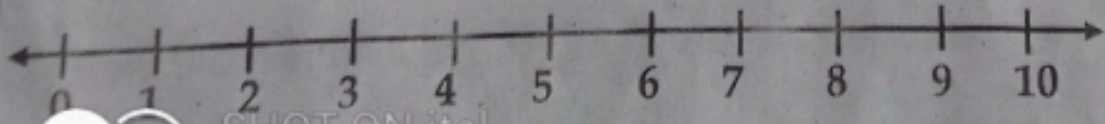
Section B (60 Marks)

21 Given that set M = {1, 2, 3, 4, 5} while set N = {2, 4, 6, 8, 10, 12}

(a) Represent the above information on the Venn diagram. (03 marks)
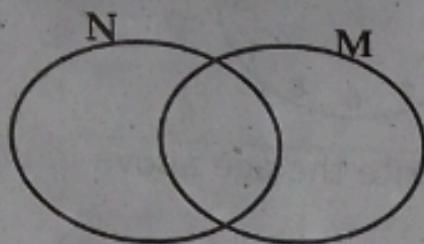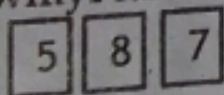

(c) Find n(M ∪ N) (02 marks)

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22 Use the numeral 4,685 to answer the questions that follow. (02 marks)

(a) Write the above numeral in words.

(b) Find the sum of the value of 4 and the value of 5 in the numeral above. (03 marks)

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23 Awinyi had cards with numbers as shown below.

| 5 | 8 | 7 |

(a) Using the numbers on the above cards, form all possible three digit numerals. (03 marks)

(b) Find the difference between the largest number formed and the least numeral formed using the above digits. (02 *marks*)
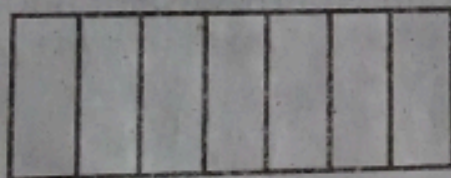
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24 Work out: (02 *marks*)

(a) $\dfrac{6}{13} + \dfrac{6}{13} + \dfrac{1}{13}$

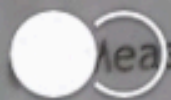(b) Find the next 2 fractions equivalent to $\dfrac{3}{4}$. (02 *marks*)

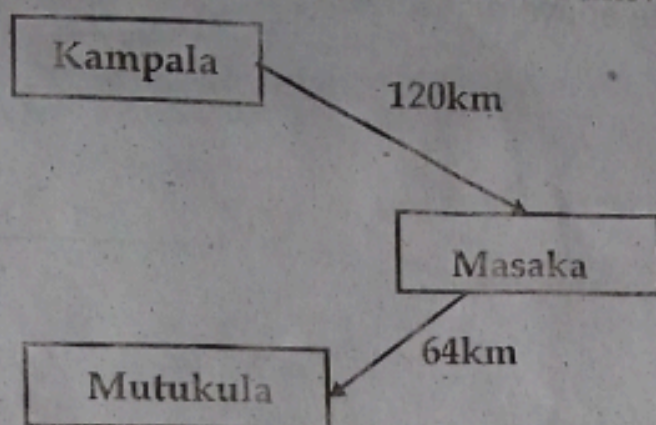(c) Shade $\dfrac{5}{7}$ on the figure below. (01 mark

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25 (a) Using a ruler, a sharp pencil and a pair of compasses to construct a square DEFG of side 5cm. (04 mar

(b) Measure diagonal EG of the figure above. (01

26 The distance map below shows the journey covered by the motorists from Kampala to Mutukula Via Masaka. Use it to answer the following questions.

(a) Calculate the total distance covered from Kampala to Mutukula. **(02 marks)**

(b) Find the difference between the distance from Kampala to Masaka and Masaka to Mutukula in metres. **(02 marks)**

7 Use the price list below to answer questions that follow.

Item	Cost
Book	sh.2,000
Pen	sh.1,000
A pair of shoes	sh.24,000
A ruler	sh.1,000

(a) How much can one pay for 2 rulers? **(02 marks)**

(b) Odoi went to the shop with sh.10,000. How many books can he buy using that money? (02 *marks*)

(c) Okello has sh 30,000 and he bought a pair of shoes. Find his change. (02 *marks*)

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28 | Work out: (02 *marks*)

(a)

Years	Months
10	9
- 8	7

(b) How many minutes are in 2 hours? (02 *marks*)

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29 | **Work out the following.** (02 mark

(a) ☐ + 6 = 14

(b) ☐ - 9 = 16 (02 mar

(c) 16 ÷ ☐ = 8 (02 ma

30 In preparation for the beginning of term three, the head teacher of St.Adrian P/s bought text books for different classes as shown below.

P.7 = 8 textbooks	P.5 = 4 textbooks
P.6 = 3 textbooks	P.4 = 14 textbooks

(a) Represent the above information on the table below using tally marks.
(04 marks)

Class	Textbooks
P.7	
P.6	
P.5	
P.4	

(b) If each textbook was bought at sh.30,000, how much money was spent on P. text books?
(01 mar)

31 (a) Find the sum of the 4th and 6th multiples of 6.
(02 mar)

(b) Find the L.C.M of 4 and 6.
(02 mar)

32 Draw the following shapes.
(02 marks e)

Square	Cone	kite