

# THE JEROX END OF YEAR EXAMINATION 2023

## Primary Five Mathematics

TIME ALLOWED: 2 HOURS 30 MINUTES

NAME _____	SIGNATURE _____
SCHOOL _____	DISTRICT _____
STREAM _____	

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**

**READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. The paper is made up of two sections A and B
2. Section A has 20 questions (40 marks) and Section B has 12 questions (60 marks)
3. Answer all questions in both sections A and B.
4. All answers must be written in the spaces provided in **BLUE** or **BLACK** ink.  
Only diagrams should be drawn in pencil.
5. Unnecessary crossing will lead to loss of marks
6. Poor handwriting, which cannot be easily read may lead to loss of marks.

**FOR EXAMINER'S USE ONLY**

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil


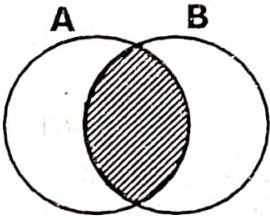
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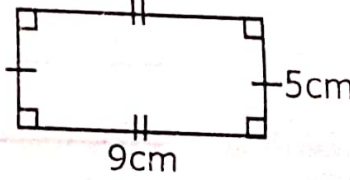
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# SECTION A (40 MARKS)

1.	Workout: $\begin{array}{r} 7 \quad 2 \\ - 1 \quad 2 \\ \hline \end{array}$	2.	Write <b>XXIX</b> in Hindu Arabic numerals.
3.	Given that set <b>P</b> = {primary five members with wings}. Name set <b>P</b> .	4.	Expand <b>674</b> using values.
5.	Name the geometrical figure below. 	6.	With help of a ruler, pencil and a pair of compasses only. Construct an angle of <b>90°</b> .
7.	Describe the shaded region below. 	8.	Write in short form: $a+2a+3a$
9.	Find the L.C.M of 4 and 5.	10.	Fill the blank space using <b>&gt;</b> , <b>&lt;</b> or <b>=</b> .  $-10 \quad \square \quad +10$



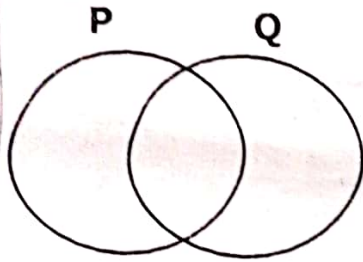
11	The cost of a toy car is <b>Sh.4000</b> . What is the cost of <b>5</b> similar toy cars?	12	Prossy is <b>12</b> years old. Katongole is <b>2</b> years older than Prossy. Find their total age.
13	Workout: $\begin{array}{r} 1 \text{ three} \\ +3 \text{ three} \\ \hline \end{array}$	14	What is $\frac{1}{4}$ of <b>48</b> mangoes?
15	Given that  represents <b>7</b> chairs, draw pictures that represents <b>49</b> chairs.	16	Davis bought a fountain open at <b>1800</b> and sold it to Nalubega at <b>Sh.2,100</b> . Calculate Davis' profit.
17	Otabongo uses <b>3kg</b> of sugar every after <b>7days</b> . How many kilograms will they use in <b>2weeks</b> ?	18	Simplify: $+7 + -5 =$
19	Round off <b>25679</b> to nearest tens.	20	The figure below is a rectangle, use it to work out the distance around it. 



# SECTION B (60 MARKS)

21 Given that set  $P = \{1, 2, 3, 8, 9\}$ ,  $Q - P = \{10, 11, 5\}$ ,  $P \cap Q = \{1, 2\}$

a) Represent the above information on the Venn diagram.



(03 marks)

b) Find  $n(P \cup Q)$ .

(02 marks)

22 Collect the like terms.

a)  $4y + 5n + y - 3n$

(02 marks)

b) Solve for K.

(i)  $K - 5 = 13$

(02 marks)

(ii)

$$\frac{\square}{3} = 9$$

(02 marks)

23 Workout:

kg g

5 700

+ 6 800

\_\_\_\_\_

(02 marks)

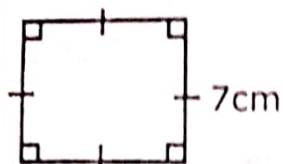
b)

Change 4300cm to m.

(01 mark)



c) Find the distance round the figure below.



(02 marks)

24 a) Subtract **247** from **400**

b) Divide:

$$\begin{array}{r} 6 \overline{)144} \end{array}$$

(02 marks)

(02 marks)

c) Multiply:

$$\begin{array}{r} 13 \\ \times 14 \\ \hline \end{array}$$

(02 marks)

25 In primary five class,  $\frac{1}{3}$  are girls and the rest are boys.

a) Find the fraction of boys in the class.

(01 mark)

b) If the total number of pupils in a class is **144** pupils. Find the number of boys in the class.

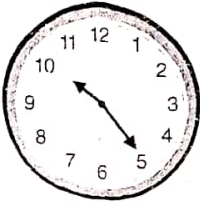
c) How many less girls than boys are in the class?

(02 marks)

(02 marks)

26	<p>Wycliff went to Kenjoy supermarket and bought the following items.</p> <p>2kg of sugar at Sh. 5000 per kg.</p> <p><math>\frac{1}{2}</math>kg of salt at Sh. 4000 per kg.</p> <p>4kg of rice at Sh. 16000.</p>	
a)	<p>Calculate his total expenditure.</p> <p style="text-align: right;">(03 marks)</p>	<p>If he went with Sh.30,000, how much has his change?</p> <p style="text-align: right;">(02 marks)</p>
27	<p>Use a ruler, a pencil and a pair of compasses to construct a square <b>ABCD</b> of sides <b>4cm</b>.</p> <p style="text-align: right;">(04 marks)</p>	
28	<p>Complete correctly.</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 20px;"> <p>12</p> <p>□</p> <p>2</p> </div> <div style="text-align: center;"> <p>6</p> <p>□</p> </div> </div> <p style="text-align: right;">(02 marks)</p>	



b)	List the factors of 12.	c)	Prime factorise 18 (write your number in set notation).										
	(01 mark)		(02 marks)										
29	a) On clock face, tell the morning time. <div style="text-align: center; margin-top: 10px;">  </div>	b)	<b>Workout:</b> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: right; padding: 5px;">Hours</th> <th style="text-align: right; padding: 5px;">Min</th> </tr> </thead> <tbody> <tr> <td style="text-align: right; padding: 5px;">4</td> <td style="text-align: right; padding: 5px;">29</td> </tr> <tr> <td style="text-align: right; padding: 5px;">+ 2</td> <td style="text-align: right; padding: 5px;">16</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 5px;"></td> <td style="border-top: 1px solid black; padding: 5px;"></td> </tr> </tbody> </table>	Hours	Min	4	29	+ 2	16				
Hours	Min												
4	29												
+ 2	16												
	(01 mark)		(01 mark)										
c)	A car moves from Kampala to Wakiso at a speed of 80km/h for 2hours. Find the distance between Kampala and Wakiso.												
	(02 marks)												
30	Recheal scored the following marks in the mid term test. <table style="margin-left: auto; margin-right: auto; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="padding: 5px;">MTC</th> <th style="padding: 5px;">SCI</th> <th style="padding: 5px;">ENG</th> <th style="padding: 5px;">SST</th> <th style="padding: 5px;">RE</th> </tr> <tr> <td style="text-align: center; padding: 5px;">35</td> <td style="text-align: center; padding: 5px;">49</td> <td style="text-align: center; padding: 5px;">71</td> <td style="text-align: center; padding: 5px;">60</td> <td style="text-align: center; padding: 5px;">35</td> </tr> </table>			MTC	SCI	ENG	SST	RE	35	49	71	60	35
MTC	SCI	ENG	SST	RE									
35	49	71	60	35									
a)	Find the range.												
	(02 marks)												

b)	How many marks did he get in English?	c)	Calculate her mean mark.
	(01 mark)		(02 marks)
31	<p>Given 1,467; use it to answer the question that follow.</p> <p>a) From the above numeral, which digit is in the place value of hundreds?</p>		
	(01 mark)		
b)	Find the sum of value of 4 and value of 7.	c)	<p>Write the number represented on abacus in Roman numerals.</p> <div data-bbox="957 918 1197 1164"> </div>
	(02 marks)		(02 marks)
32	<p>Use number line below to answer the questions that follow.</p> <div data-bbox="191 1254 1484 1478"> </div>		
a)	<p>Name the integers represented by;</p> <p>a _____</p> <p>b _____</p> <p>c _____</p>		
	(03 marks)	b)	Write mathematical statement shown above.
			(02 marks)