

THE PROLINE MID TERM I EXAMINATION 2023

SUBJECT : MATHEMATICS

CLASS : PRIMARY FIVE

DURATION : 2 hours 30 minutes

Name : _____

School : _____

District : _____

Read the following instructions carefully:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **20** questions (**40 Marks**)
3. Section **B** has **12** questions (**60 Marks**)
4. Attempt all questions in both sections. All answers to both sections **A** and **B** must be written in the spaces provided.
5. All answers must be written in **blue** or **black** ball point pens or **ink**. Only diagrams and graph work must be done in pencil.
6. Unnecessary **alteration** of work will lead to loss of marks.
7. Any **handwriting** that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated.

"FOR EXAMINER'S USE ONLY"

For examiner's use only

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

Please Turn over



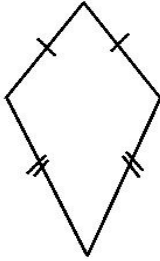
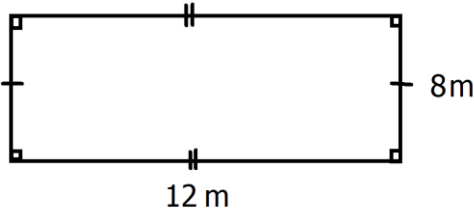
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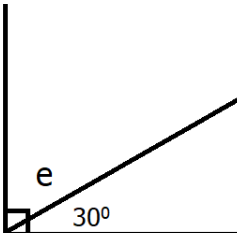
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SECTION A : (40 MARKS)

Attempt **all** questions in this section
Question **1** to **20** carry **two** marks each

1	Work out: $8 \div 4$	2	Write the place value of 3 in the numeral 4382
3	Express $\frac{18}{7}$ as a mixed number.	4	Draw tallies to represent 13
5	Solve: $y + 12 = 26$	6	How many lines of folding symmetry does the figure below have? 
7	Work out the perimeter of the rectangular block as shown in the diagram below. 	8	Find the next number in the sequence: 1, 3, 5, 7, _____

9	Given that  represents 6 balls, How many balls have been represented below? 	10	Write the morning time shown on the clock face below. 									
11	Express 5metres as centimetres	12	Given that set $K = \{2, 3, 4, 5 \}$, $M = \{ 6, 4, 8 \}$. List all the elements of set KUM									
13	Fill in the missing number in the magic square below. <table border="1" data-bbox="404 1016 631 1163"><tr><td>8</td><td>1</td><td>6</td></tr><tr><td>3</td><td>5</td><td>—</td></tr><tr><td>4</td><td>9</td><td>2</td></tr></table>	8	1	6	3	5	—	4	9	2	14	In Moroto district, there are 256,720 children. Write this number in words.
8	1	6										
3	5	—										
4	9	2										
15	In a bag, there are 2 red pens, 3 black pens and 5 blue pens. If a pen is selected at random, what is the probability that a black pen will be selected at random?	16	Find the value of e 									

2

17	Work out : 1023×14	18	Thomas is 3 years old, write his age in Roman numerals.
19	A kilogram of salt costs sh 1,000. How many kilograms of salt will Hindu buy for sh sh 4,000 ?	20	Given that set $M = \{ p, r, g \}$. How many subsets are in set ?
<p style="text-align: center;">SECTION B : (60 MARKS) Attempt <i>all</i> questions in this section Marks for each part of the question are indicated in the brackets</p>			
21	<p>Using digits: 4, 6 and 3,</p> <p>(a) Form all possible three-digit numerals using the digits above. (02 marks)</p> <p>(b) Round of the largest number formed to the nearest hundreds. (02 marks)</p>		

22

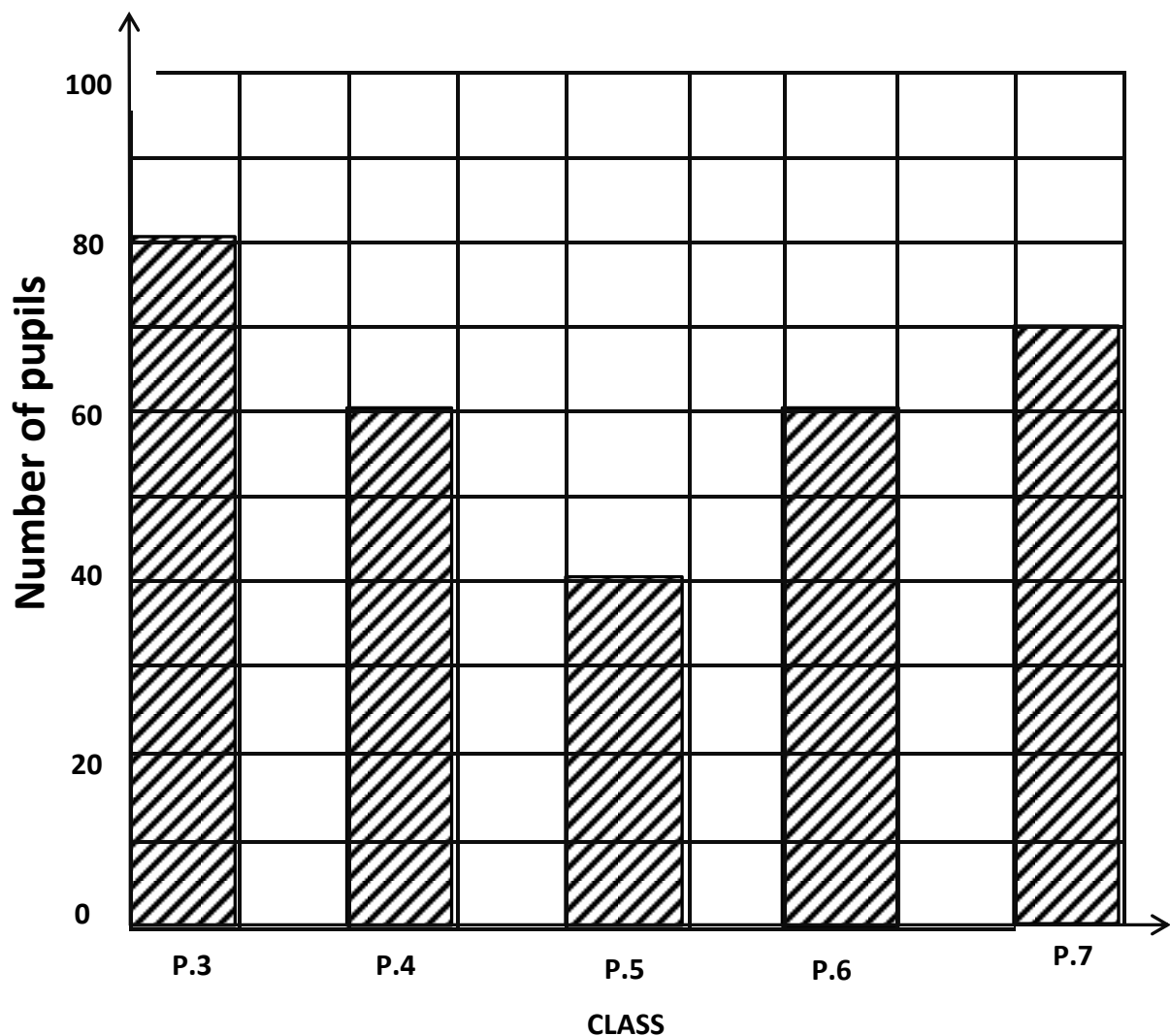
(a) Work out: $\frac{1}{2} + \frac{1}{5}$
(02 marks)

(b) What is $\frac{2}{3}$ of 12 kg of sugar
(02 marks)

(c) Find the next equivalent fraction to $\frac{3}{4}$
(02 marks)

23

The graph below shows the number of pupils in some classes.

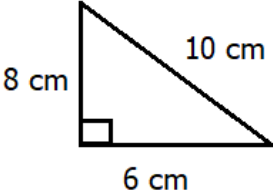
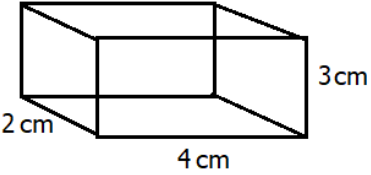


- | | | |
|-----|---|--------------|
| (a) | How many pupils are in P.5 ? | (01 mark) |
| (b) | Which classes have the same number of pupils? | (02 marks) |
| (c) | How many more pupils are in P.3 than in P.7 ? | (02 marks) |

- | | |
|-----|--|
| 24 | (a) A farmer had 37,849 birds, he sold 2,361 of them . How many birds did he remain with?
<div style="text-align: right;">(02 marks)</div> |
| (b) | Carlo is 12 years old, her sister is 4 years older than her. How old is her sister ?
<div style="text-align: right;">(02 marks)</div> |

25 Complete the operation table below. (05 marks)

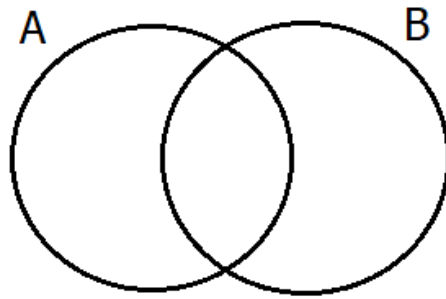
			3			
			x			
	8	+	12	-	5	
			÷			
			2			

26	<p>(a) Calculate the area of the figure below (03 marks)</p> 	<p>(b) Find the volume of the cuboid below . (02 marks)</p> 
27	<p>Using the shopping list below, answer the questions that follow.</p> <p style="text-align: center;"> 1 kg of sugar costs sh 5,000 A bar of soap costs sh 6,000 1 litre of milk costs sh 2,000 1 kg of rice costs sh 3,500 </p> <p>(a) What is the most expensive item? (01 mark)</p> <p>(b) Allen bought 2kg of rice. How much did she pay altogether for the 2 kg of sugar? (02 marks)</p> <p>(c) How much will one pay for a kilogramme of sugar and 3 litres of milk ? (02 marks)</p>	

28	(a) James sells 205 eggs every day. How many eggs will he day in 14 dyas? (02 marks)															
(b)	Round off 497 to the nearest tens. (02 marks)															
29	(a) Collect like terms: $6m + 2m$ (02 marks) <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>Fill in the missing numbers</p><p>(i) <div style="border: 1px solid black; width: 60px; height: 25px; display: inline-block;"></div> + 3 = 8 (02 marks)</p></div><div style="width: 45%; border-left: 1px solid black; padding-left: 10px;"><p>(ii) 2 x <div style="border: 1px solid black; width: 60px; height: 25px; display: inline-block;"></div> = 14 (02 marks)</p></div></div>															
30	(a) Work out: <table style="display: inline-table; vertical-align: middle;"><tr><td></td><td>Weeks</td><td>Days</td></tr><tr><td></td><td>2</td><td>6</td></tr><tr><td>+</td><td>1</td><td>4</td></tr><tr><td></td><td colspan="2"><hr style="border: 0.5px solid blue;"/></td></tr><tr><td></td><td colspan="2"><hr style="border: 0.5px solid blue;"/></td></tr></table> (02 marks)		Weeks	Days		2	6	+	1	4		<hr style="border: 0.5px solid blue;"/>			<hr style="border: 0.5px solid blue;"/>	
	Weeks	Days														
	2	6														
+	1	4														
	<hr style="border: 0.5px solid blue;"/>															
	<hr style="border: 0.5px solid blue;"/>															
(b)	A lesson that ended at 11:30 a.m. had started at 9:20 a.m. For how long did the lesson last? (03 marks)															

31 Given that set $A = \{ p, q, r, s, t, u \}$, set $B = \{ m, n, p, u \}$

(a) Represent the sets above on the Venn diagram below.



(03 marks)

(b) List elements of set $A-B$

(01 mark)

(c) Find $n(A \cup B)$

(02 marks)

32 (a) Using a pair of compasses, a ruler and a pencil only, construct a square of sides 5cm.

(05 marks)

(b) Measure the length of the diagonal

(01 mark)

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Thanks