

# THE SIPRO END OF TERM I EXAMINATIONS - 2023

SUBJECT : MATHEMATICS

CLASS : PRIMARY FOUR

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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**SECTION: 40 MARKS**

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

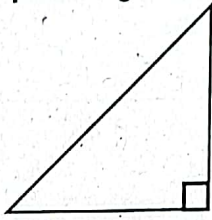
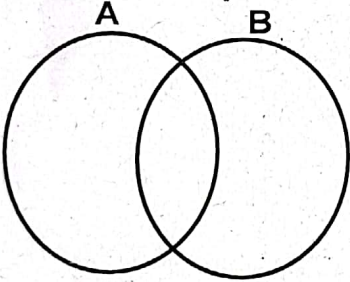
|    |   |    |   |
|----|---|----|---|
| 1. | Work out: $23 + 14$   | 2. | Convert 27 to Roman numerals.                                     |
| 3. | In the space below, draw a set symbol for intersection set.   | 4. | Work out: $\frac{2}{7} + \frac{3}{7}$                             |
| 5. | Find the <b>next</b> number in the sequence.<br>20, 17, 14, 11, ____  | 6. | Find the <b>value</b> of the missing number.<br>$\square - 3 = 9$ |
| 7. | Given  that represents 3 apples. Draw pictos to represent 15 apples. | 8. | How many <b>weeks</b> are there in 21 days?                       |



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**P.4 MATHEMATICS END OF TERM I EXAMINATION - 2023**


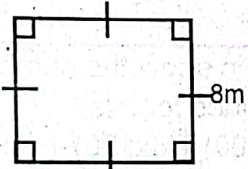
IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS.

1

|     |   |     |  |
|-----|---|-----|--|
| 9.  | Change 6 metres into centimetres.   | 10. | Nakalema is 4 years younger than Kalema, How old is Kalema if Nakalema is 10 years old?                            |
| 11. | A trader bought a geometry set at sh.4000 and sold it at sh.3450. Calculate the loss.   | 12. | Name the plane figure below.<br> |
| 13. | Below is a venn diagram, Shade set B only.<br> | 14. | Write in <b>short</b> the number whose expanded form is;<br>$(7 \times 1000) + (8 \times 100) + (4 \times 1)$      |





| 15. | What time is shown on the clock face below?<br>                             | 16. At Kamujje Primary School, 208 pupils are girls. Find the number of boys if the school has a total of 512 pupils.  |      |     |     |      |     |    |    |    |    |    |
|-----|--|--|------|-----|-----|------|-----|----|----|----|----|----|
| 17. | Name the fraction: $\frac{1}{5}$   | 18. The table below shows the attendance of P.4 class in a certain week.<br><table border="1" data-bbox="837 616 1284 728"> <thead> <tr> <th>Mon</th> <th>Tue</th> <th>Wed</th> <th>Thur</th> <th>Fri</th> </tr> </thead> <tbody> <tr> <td>47</td> <td>50</td> <td>45</td> <td>39</td> <td>40</td> </tr> </tbody> </table> Which day has the least attendance? | Mon  | Tue | Wed | Thur | Fri | 47 | 50 | 45 | 39 | 40 |
| Mon | Tue  | Wed  | Thur | Fri |     |      |     |    |    |    |    |    |
| 47  | 50   | 45   | 39   | 40  |     |      |     |    |    |    |    |    |
| 19. | The figure below is a square, study and use it to find the perimeter.<br> | 20. In the space below, draw a cuboid.   |      |     |     |      |     |    |    |    |    |    |



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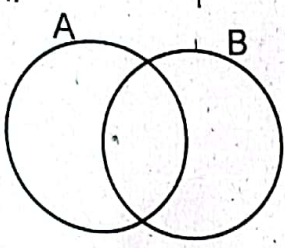


3



# SECTION B: 60 MARKS

Attempt all questions in this section.

Marks for each part of the question are indicated in the brackets

|            |   |   |            |             |   |   |     |   |       |  |       |  |
|------------|---|---|------------|-------------|---|---|-----|---|-------|--|-------|--|
| 21.        | <p>Set <math>A = \{a, e, i, o, u\}</math> and set <math>B = \{h, o, u, s, e\}</math></p> <p>a) Show the sets on the venn diagram.</p> <div></div> <p>(03Marks)</p> | <p>b) i) List down the members of set <math>A \cap B</math></p> <p>(01Mark)</p> <p>ii) How many elements are in set <math>A \cup B</math>?</p> <p>(01Mark)</p>  |            |             |   |   |     |   |       |  |       |  |
| 22. a)     | <p><b>Subtract:</b></p> $\frac{7}{9} - \frac{2}{9}$ <p>(03Marks)</p>  | <p>b) Arrange the fractions below in <b>ascending</b> order (from smallest to biggest)</p> <p><math>\frac{1}{3}, \frac{1}{4}</math> and <math>\frac{1}{5}</math></p> <p>(03Marks)</p>   |            |             |   |   |     |   |       |  |       |  |
| 23. a)     | <p>Change <b>180</b> minutes into hours</p> <p>(02Marks)</p>  | <p>b) <b>Work out:</b></p> <table><tr><td><b>wks</b></td><td><b>days</b></td></tr><tr><td>7</td><td>2</td></tr><tr><td>- 3</td><td>5</td></tr><tr><td colspan="2"><hr/></td></tr><tr><td colspan="2"><hr/></td></tr></table> <p>(02Marks)</p>                               | <b>wks</b> | <b>days</b> | 7 | 2 | - 3 | 5 | <hr/> |  | <hr/> |  |
| <b>wks</b> | <b>days</b>   |   |            |             |   |   |     |   |       |  |       |  |
| 7          | 2   |   |            |             |   |   |     |   |       |  |       |  |
| - 3        | 5   |   |            |             |   |   |     |   |       |  |       |  |
| <hr/>      |   |   |            |             |   |   |     |   |       |  |       |  |
| <hr/>      |   |   |            |             |   |   |     |   |       |  |       |  |
| 24 a)      | <p>Draw the following shapes:</p> <p>i) cone</p> <p>ii) circle</p> <p>(04Marks)</p>   | <p>b) Name the shapes below.</p> <div></div> <p>_____</p> <div></div> <p>_____</p> <p>(02Marks)</p> |            |             |   |   |     |   |       |  |       |  |



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25

Below are items with price tags. Study and answer the questions that follow.

sh.500



sh.2000



sh.200



- a) Which item is the most expensive?

(01Mark)

- b) Mama Linda bought all the items; how much money did she pay?

(02Marks)

- c) If John bought 3 apples and 3 sweets, how much did he pay altogether?

(01Mark)

26. a) Find the missing value.

$$\square + 5 = 9$$

(02Marks)

- b) A farmer had a certain number of bags of beans. He sold 8 bags and was left with 7 bags. How many bags did he have at first?

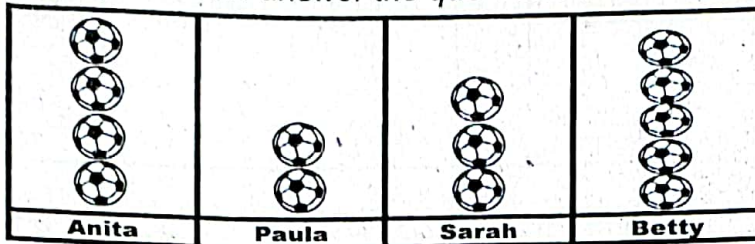
(02Marks)





27.

The graph below shows the number of **balls** that each child was given for play. Use it to answer the questions that follow.



- a) Who received the **least** number of balls?

(01Mark)

- b) How many **more** balls did Betty receive than Sarah?

(02Marks)

- c) What was the **total** number of balls?

(02Marks)

28.

Below is a rectangular **compound** of Mr. Opio. Use it to answer the questions that follow.



- a) One evening, Mr. Opio walked round it. What **distance** did he cover?

(02Marks)

- b) Calculate the **area** covered by the compound.

(02Marks)

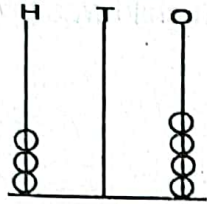
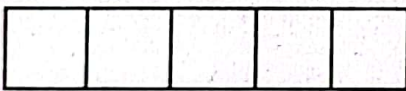


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6



|  |  |
|--|--|
| <p>29. a) What <b>number</b> is represented on the abacus?</p>  <p>_____</p> <p>(02Marks)</p> | <p>b) i) Write <b>4,352</b> in value expanded form.</p> <p>_____</p> <p>(02Marks)</p>  |
| <p>ii) Write <b>3,023</b> in words.</p> <p>_____</p> <p>(02Marks)</p>  |  |
| <p>30. a) Find the <b>next</b> number in the sequence.<br/>1, 2, 4, 7, 11, _____</p> <p>_____</p> <p>(02marks)</p>   | <p>b) Write down the first five <b>odd</b> numbers.</p> <p>_____</p> <p>c) Find the <b>sum</b> of 6<sup>th</sup> and 7<sup>th</sup> <b>odd</b> numbers.</p> <p>_____</p> <p>(01mark)<br/>(02marks)</p> |
| <p>31.a) <b>Work out:</b> <math>2 \overline{) 38}</math></p> <p>_____</p> <p>(02Marks)</p>   | <p>b) Juma had 3 boxes of chalk. Each box had <b>150</b> pieces of chalk. How many <b>pieces</b> of chalk did Juma have?</p> <p>_____</p> <p>(02Marks)</p>   |
| <p>32. a) Shade <u>2</u> on the diagram below.</p> <p>5</p>  <p>_____</p> <p>(02Marks)</p>  | <p>b) Name the fraction:</p> <p>i) <math>\frac{1}{4}</math> = _____</p> <p>(01Mark)</p> <p>ii) <b>Work out:</b> <math>\frac{5}{7} - \frac{3}{7}</math></p> <p>_____</p> <p>(02Marks)</p>               |

