



# OUTREACH SCHOOLS EXAMINATIONS BOARD

## BEGINNING OF TERM II EXAMINATION 2023

### P.4 MATHEMATICS

*Time Allowed: 2hours 15 Minutes*

**Pupil's Name:** .....

**Class:** .....

**School Name:** .....

**Read the following instructions carefully:**

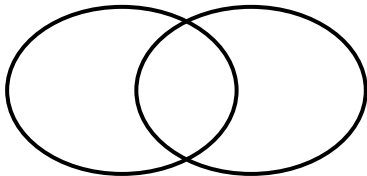
1. This paper has two sections: **A** and **B**
2. Section **A** has 20 short questions (40 marks)
3. Section **B** has 12 questions (60 marks)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a blue or black ball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated  
**"For examiners' use only"** and the boxes inside the question paper.

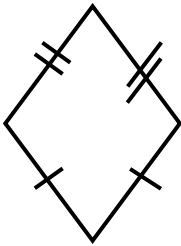
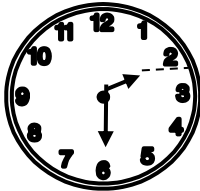



FOR EXAMINERS'		
USE ONLY		
Qn. No.	MARKS	EXR'S No.
1 - 10		
11 - 20		
21 - 30		
31 - 32		
TOTAL		

**Turn Over**

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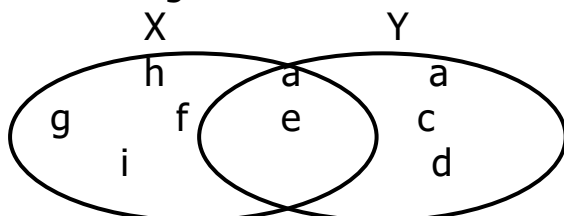
## SECTION A (40 marks)

1.	Add: <div style="text-align: right; margin-right: 50px;"> 4    0  +    9  <hr/> <hr/> </div>	2.	Write 460 in words
3.	If set $P = \{a, b, c, d, e\}$ . Find $n(P)$	4.	1kg = 1000g. How many grams make up 5kg?
5.	Express XIX as Hindu Arabic numeral.	6.	Find the next number in the sequence.  21, 18, 15, 12, _____
7.	Work out: <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: right;"> Wks 4 + 3 <hr/> </div> <div style="text-align: right;"> Days 3 2 <hr/> </div> </div>	8.	Add: $\frac{1}{5} + \frac{2}{5}$
9.	Show 236 on the abacus below.  <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;"> <div style="text-align: center; margin-right: 20px;"> H   <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> </div> <div style="text-align: center; margin-right: 20px;"> T   <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> </div> <div style="text-align: center;"> O   <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> </div> </div>	10.	Shade set X only on the Venn diagram below.  <div style="text-align: center; margin-top: 10px;"> <div style="display: flex; justify-content: space-around; width: 100%;"> <span>X</span> <span>Y</span> </div>  </div>

11.	A man has 2 eyes. How many eyes will 5 men have?	12.	Name the figure drawn below. 
13.	Find the value of 4 in 427.	14.	Tell the time. 
15.	In a class, there are 56 pupils. If 34 are girls, how many boys are in that class?	16.	A cake costs sh.600. Find the cost of 3 similar cakes.
17.	Shade $\frac{3}{5}$ on the figure below. 	18.	Subtract:      m          cm 49        550 - 12        150 _____ _____
19.	Write 854 in expanded form.	20.	Given that  represents 5 balls. How many balls are represented by  ?

**SECTION B (60 MARKS)*****(Marks for each question are indicated in the brackets)***

21. Use the venn diagram below to answer the questions that follow.



a) List down all elements of set Y. (1mk)

b) Find;  
i)  $X \cup Y$  ii)  $n(X - Y)$  (2mks each)

22. a) Write  $\frac{2}{5}$  in words. (1mk)

b) Multiply:  $\frac{2}{5} \times \frac{1}{3}$  (2mks)

c) Tom had  $\frac{5}{9}$  of sugarcane and gave  $\frac{2}{9}$  to Alex. What fraction of sugarcane did Tom remain with? (2mks)

23. **Use >, < or = to complete the following statements. (2mks each)**

a)  $\frac{1}{4}$  .....  $\frac{1}{2}$

b) 2kg ..... 2000g

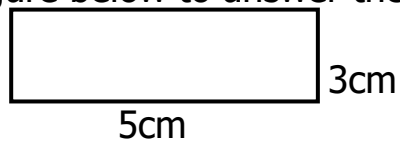
c) 120 minutes ..... 1 hour.

24. a) What is the place value of 8 in 284? (1mk)

b) Write "Three hundred fifty six" in figures. (2mks)

c) What number has been expanded to get  $400 + 80 + 4$ ? (2mks)

25. Use the figure below to answer the questions that follow.



a) Name the figure drawn above. (1mk)

b) Find its perimeter. (2mks)

c) Work out its area. (2mks)

26. Jane is 15 years old. Peter is 20 years old.

a) Who is older? (1mk)

b) Work out their total age. (2mks)

c) What is the difference in their age? (2mks)

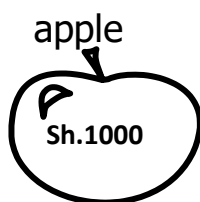
27. In the village of 684 people, 425 are women, 180 are men and the rest are children.

a) How many men and women are in the village altogether? (2mks)

b) How many children are in that village? (2mks)

c) How many more women than children are in that village? (2mks)

28. Below are trade items marked with price tags. Use them to answer the questions that follow.

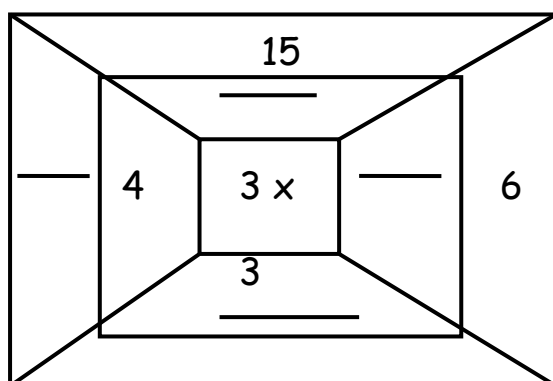


a) What is the most expensive item? (1mk)

b) How much more money can Benitah spend on sweet banana than an apple? (2mks)

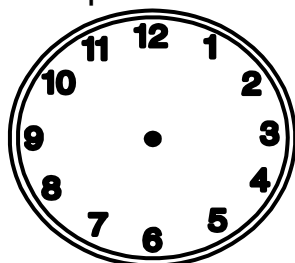
c) Find the cost of all the items. (2mks)

29. Fill in the missing number. (3mks)



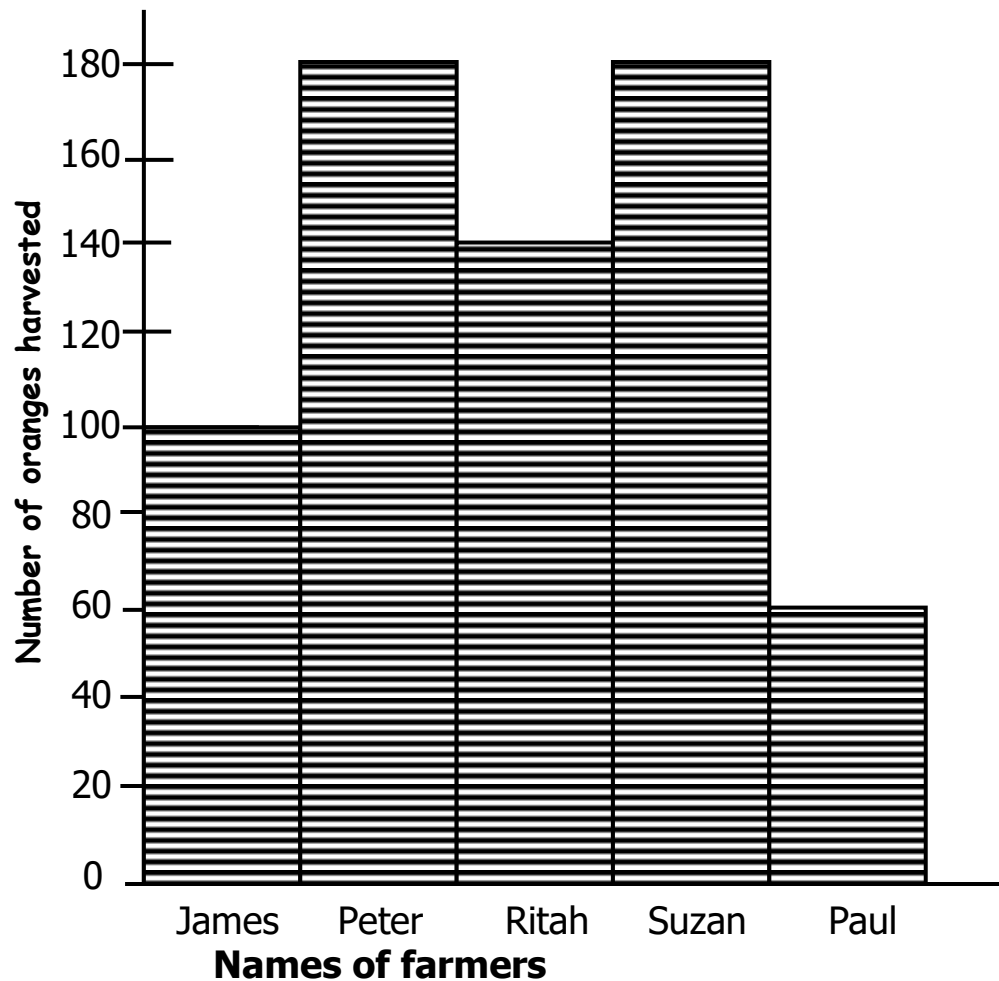
30. Find the missing number. (2mks)  
i)  $\square + 2 = 5$     ii)  $\square - 5 = 1$     iii)  $\square \div 3 = 4$

31. a) Show "a half past 11 o'clock" on the clock face below. (2mks)



b) 7 days a week. How many days make up 3 weeks? (2mks)

32. The graph below shows the number of oranges harvested by different farmers in mubende district. Use it to answer the questions that follow.



- a) Which farmer harvested the least number of oranges? (1mk)
- b) How many more oranges did Suzan harvest than James? (1mk)
- c) Find the total number of oranges harvested by all farmers. (2mks)



***"GOOD LUCK"***