NEXT EXAMINATIONS BOARD

PRE-PLE SET 15 (SHARK)

2026

MATHEMATICS

Total Marks scored	

Time Allowed: 2 hours 30 minutes

Random No.						Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

District ID No.

Read the following instructions carefully:

1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has two Sections: **A** and **B**. Section **A** has **20** questions and Section **B** has **12** questions. The paper has **13 printed** pages.
3. Answer **all** questions. **All** working for both Sections **A** and **B** must be shown in the spaces provided.
4. **All** working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
5. No **Calculators** are allowed in the examination room.
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 in the boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN. NO.	**MARKS**	**EXR'S NO.**
1 – 5		
6 – 10		
11 – 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		

SECTION A: (40 marks)

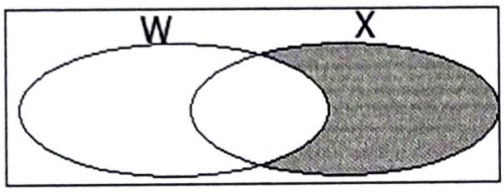
1. Divide: $6 \div 3$

2. Write 7641 in words.

   .....

   .....

3. Desrcibe the **unshaded** set region on the Venn diagram below.



4. Taliru bought 5kg of rice at sh.7,500 for every $1\frac{1}{2}$ kg. calculate the amount of money Taliru paid for the sugar he bought.

5. The following masses were taken by the scrap dealer on a certain day; **45kg, 62kg, 49kg, 64kg, 71kg, 25kg, 56kg, 59kg**. determine the median mass taken by the dealer that day.

6. Work out: $^{-}5 - {}^{+}6$

7. Subtract 2(m + 1) from 3 and simplify.

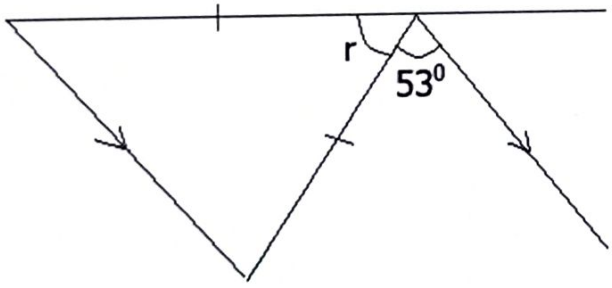
8. Nalule began answering her homework at exactly 17 07 hours. Express the time she began answering her homework in 12-hour clock system.

9. Express $16\frac{2}{3}\%$ as a simplified common fraction.

10. In a planted forest with 103 lines of trees, there are nineteen trees in each line. How many trees are in the forest?

11. Arinaitwe had 36 sweets. If she ate 9 of them, in what ratio did the number of sweets reduce?

12. Find the value of r in the figure below.



13. Find the next number in the sequence below.

$\frac{1}{3}$, 2, 12, 72, ...

14. Express 4900 grams as kg.

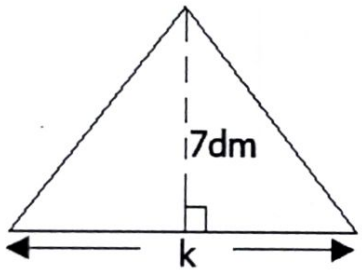
15. Solve for m: $3^{2m-1} \div 1 = 27$

16. Without using a protractor, construct an angle of 45^0.

17. Express 0.1212.... as a vulgar fraction in its lowest form.

18. The roads maintenance authority employed some people to mow alongside the road measuring $22\frac{2}{3}$km. if each person mowed $1\frac{1}{3}$km, how many people were employed?

19. The area of the figure below is $42dm^2$. Work out the value of k.



20. Three schools; Naama P/S, Maluku P/S and Anyeri P/S respectively share 720 textbooks in ascending order. If each school got at least 20 more textbooks or less than the first one, how many text books did Maluku P/S get?

SECTION B: (60 marks)

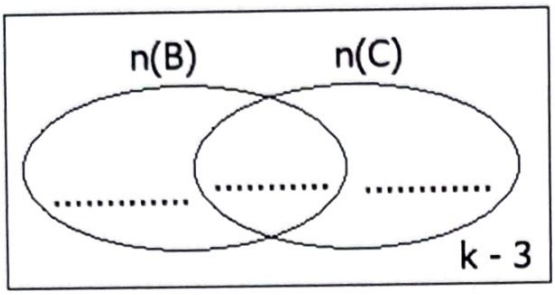
21. In a certain village, $\frac{2}{5}$ of the total populations are females. $\frac{3}{8}$ of the females are girls and $\frac{1}{3}$ of the males are boys. Using the radius of 3.5cm, draw an accurate pie chart to represent the above information.
(6 marks)

22. Bangu had a bundle of sh.20,000 notes numbered consecutively from AQ407327 to AQ407426. She used sh. 360,000 to buy a bicycle for her son. How many notes of the same denomination did she remain with?
(4 marks)

23. On the Venn diagram below, 4k guests ate beef (B), 8 guests ate both chicken (C) and beef, 2k + 1 guests ate only chicken while k - 3 guests ate other instead.

a) Use the above information to complete the Venn diagram below.

(3 marks)



b) Given that 19 guests did not eat chicken, find the total number of guests who attended the party. **(3 marks)**

24. a) Find the root of $3\frac{1}{16}$ **(2 marks)**

b) Work out the **product** of the 5^{th} prime and triangular numbers.

(3 marks)

25. a) Using a ruler, sharp pencil and a pair of compasses only, construct a quadrilateral BAMP where BA = PM = 6cm, BAM = 60^0 and AM = BP = 4.5cm. **(4 marks)**

b) Measure the length of diagonal BM. **(1 mark)**

26. a) Ethel is 18 years old and Annita is 46 years old. In how many years will Ethel's age be half Annita's age. **(3 marks)**

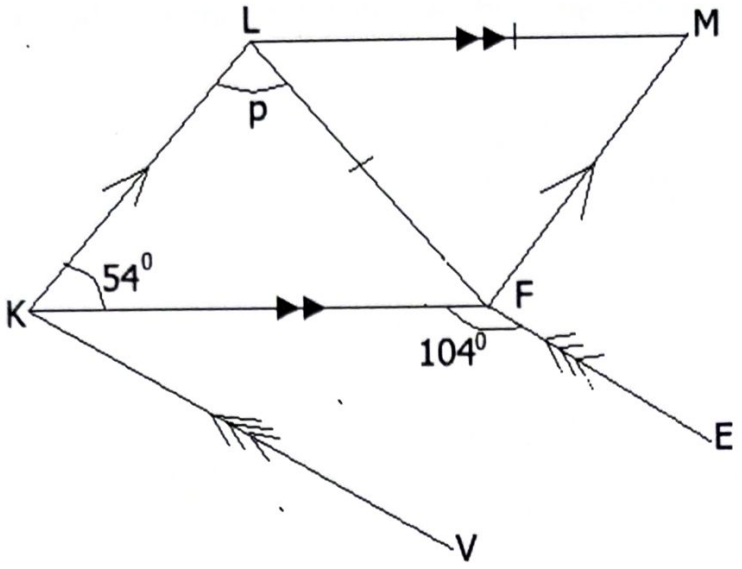
b) Solve for w: $2(w + 14) - 3(4 - w) = 51$ **(2 marks)**

27. a) Simplify: $\frac{0.48-0.12}{0.11+0.13}$ **(3 marks)**

b) After covering 40% of her journey, Jane still had 18km. how long was her journey? **(2 marks)**

28. A motorist covered a certain distance at a speed of 54km/h in $4\frac{1}{2}$hours. How long will the motorist take to cover the same distance a speed of 90km/h? **(4 marks)**

29. In the diagram below, FE is Parallel to KV, KF and LM are parallel to each other as well as KL and FM are parallel.



a) Find the value of p. **(4 marks)**

b) Calculate the size of angle MFE. **(2 marks)**

30. The numbers A and K are in the ration of 3 :2 respectively. If the product of their LCM and GCF is 384, find the sum of A and K.

(4 marks)

31. Makobela bought a radio at sh.70,000 and sold it to Muleeyi at a loss of 10%. Muleeyi later sold it to Mafene at a profit of 20%.

a) At how much did Muleeyi buy the radio? **(2 marks)**

b) Calculate the amount of money Mafene paid for the radio. **(3 marks)**

32. Mudiho town is 1500 metres North of Lumino town. Sibona town is on a bearing of 120^0 from Mudiho town and on a bearing of 040^0 from Lumino town.

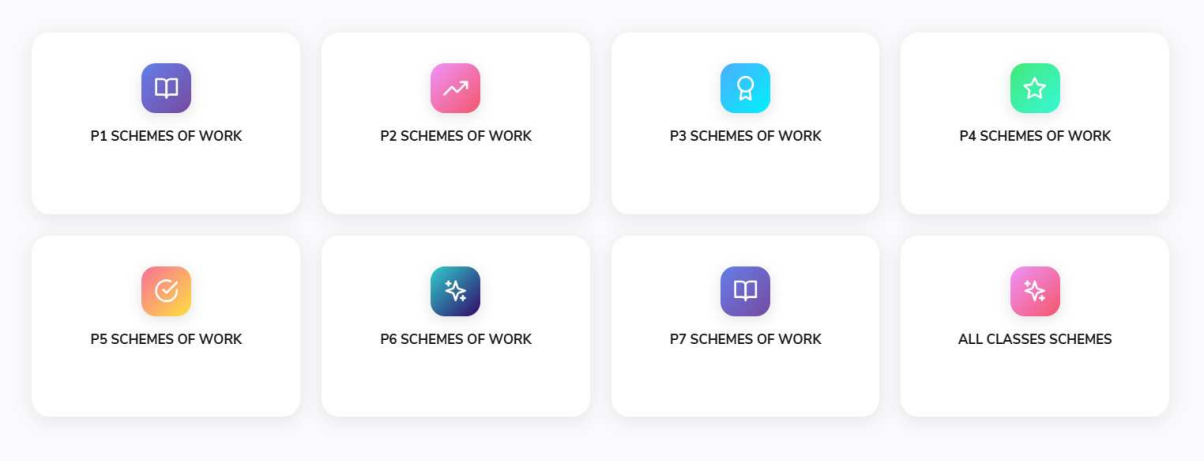
a) Draw a sketch diagram to represent the three towns. (1 mark)

b) Using a scale of 1cm to represent 300 metres, construct an accurate diagram. (3 marks)

c) Find the distance in metres between Lumino town and Sibona town. (1 mark)

END

This document was downloaded from https://exoticnotes.com



Do you need more!

SCHEMES OF WORK for Primary (All Subjects)

Click
https://exoticnotes.com/schemes_of_work/primary/

For LESSON NOTES P.1 – P.7
Click
https://exoticnotes.com/notes/primary/

For Papers and Exams P.1 – P.7
Click
https://exoticnotes.com/papers/primary/

For Holiday Packages P.1 – P.7
Click
https://exoticnotes.com/holiday-work/primary/