VICTORY STEP EDUCATION SERVICES

BEGINNING OF TERM TWO EXAMS

PRIMARY FIVE

2023

MATHEMATICS

Time Allowed: 2 hours 15 minutes

Random No:						Personal No:		

Candidate's Name: .....

Candidate's signature: .....

District ID No:

School Name: .....

Read the following instructions carefully :

1. Do not forget to write your **school** or **district** on the paper
2. This paper has two sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions.
3. Answer **all** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a **blue** Or **black** ball point pen or ink. Any work Written in pencil will not be marked.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill anything in the table indicated ˝**FOR EXAMINER'S USE ONLY**

FOR EXAMINER'S 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		

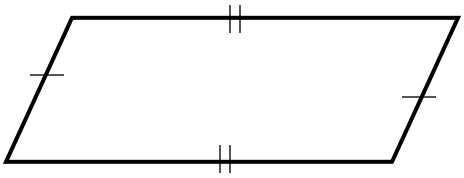
SECTION A

1. Subtract 8 from 17

2. What is the next number in the sequence?
2, 3, 5, 7, ____

3. Divide 72 by 4

4. Name the shape below.

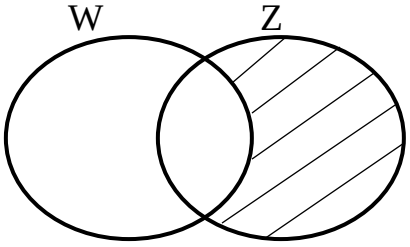


5. List down all factors of 16

6. Expand 14.25 using powers of 10

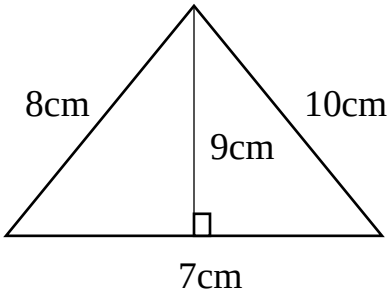
7. Change 4 hours to minutes.

8. Describe the shaded part



9. Find the range of 50 and 38

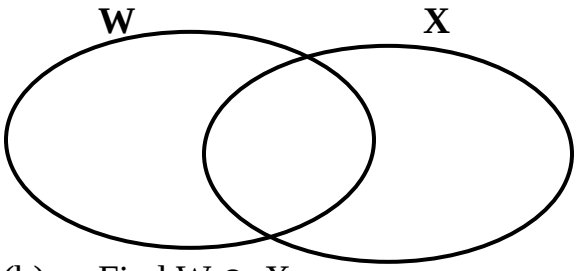
10. Find the square root of 9

11. Write 7, 808 in words.	12. Find the L.C.M of 8 and 12
13. Find the perimeter of the figure.  	14. What is the complement of 58^0?
15. Add: $\frac{1}{5} + \frac{1}{4}$	16. Convert 7000g into kilograms
17. Round off 3217 to the nearest hundreds.	18. Express 99 in Roman numerals.
19. Solve: $4p - 9 = 15$	20. Add: $102_{three} + 221_{three}$

SECTION B

21. Given that W= {a, e, i, o, u} X = {1, 4, 5, 7, 9}

(a) Represent the information on the Venn diagram below. (2 marks)



(b) Find W ∩ X (1 mark)

(c) Find n(W ∩ X) ' (2 marks)

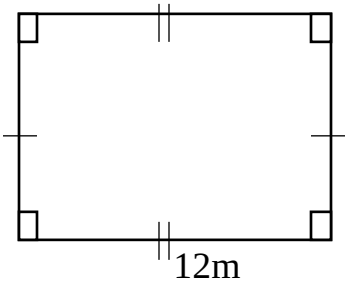
22. In a class of 40 pupils, $\frac{2}{5}$ are boys and the rest are girls.

(a) What is the fraction of girls? (2marks)

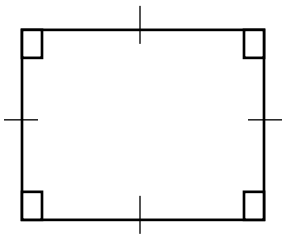
(b) How many more girls than boys are there in that class? (3 marks)

23. Calculate the area of the figures below. (2 marks each)

(a)



(b)



24. Given that a=5, b= 6 and c= 3. Find the value of; (2 marks each

(i) a+ b –C

(ii) $\frac{abc}{c}$

(iii) 4a – 2b

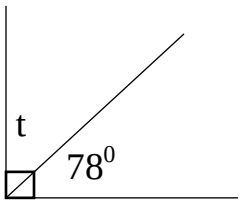
25. Using the digits 5, 7, 8 and 4

(a) Find the sum of the biggest and smallest four digit numbers formed using the above digits. (3marks)

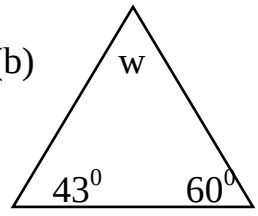
(b) Work out the difference between the biggest and smallest formed numbers. (2marks)

26. Find the size of the unknown angles in degrees. (2marks each)

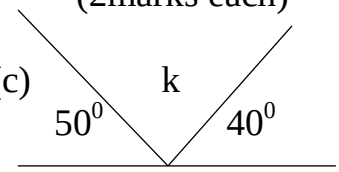
(a)



(b)



(c)

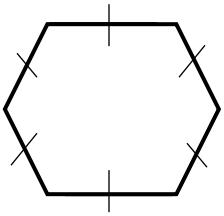


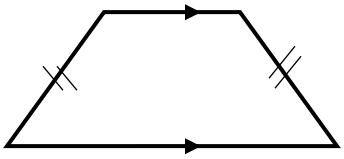
27. (a) Multiply: 64 x 19 = (2marks)

(b) Find the missing number: $\frac{2}{3} = \frac{\square}{12}$ (marks)

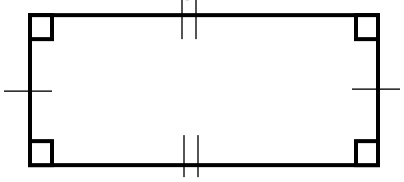
(c) Simplify: 4 – 9 + 10 (2 marks)

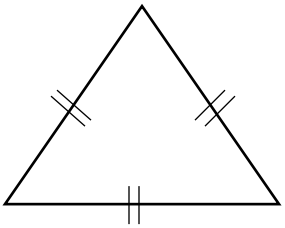
28. (a) Name these shapes. (1 mark each)

(i) 

(ii) 

(b) How many lines of folding symmetry has the figures below.



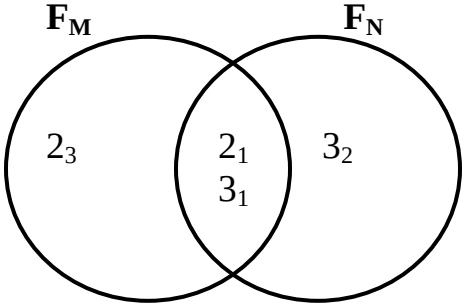


29. John went shopping with sh. 50,000 and bought the following items.
2 bars of soap atsh. 4000 a bar
4 kg of rice at sh. 2500 each kg
3 loaves of bread at sh. 5000 each loaf

(a) Calculate John's total expenditure. (4 marks)

(b) How much change did he remain with after buying all the items? (1 mark)

30. Use the Venn diagram to answer the questions that follow.



(a) Find the value of:

(i) M (1mark)

(ii) N (1 mark)

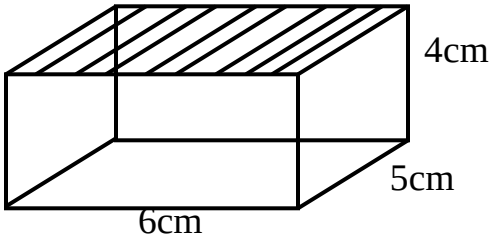
(b) Work out the GCF of M and N (1 mark)

(c) Calculate the LCM of M and N (2 marks)

31 . Work out:

Weeks	days		Hrs	minutes	(2 marks each)
4	5		7	35	
+ 2	4	−	2	50	

32. Below is a cuboid. Use it to answer questions that follow.



(a) Calculate the area of the shaded part. (2 marks)

(b) Workout its volume. (2marks)

(c) Find its number of vertices. (1 mark)