# NAMISINDWA DISTRICT ACADEMIC BOARD

## PRIMARY LEAVING MOCK EXAMINATIONS 2024

## PRIMARY SEVEN MATHEMATICS

	Time allows	d: 2 hour	30 mir	rule:		
Index Number:	Random Number			Personal Number		
Candidate's Name	1.1					
Candidate's Signature:						
School Random Number:						
District ID Number:						
DO NOT OPEN T	HIS BOOK	ET UNLE	SS YOU	ARE TOL	D TO D	0 50
Read and follow these	Instruction	ns carefu	lly:			
Do not write your school or district name anywhere on		FOR EXAMINERS USE ONL				
This paper has two sections: A and B. Section A has			QN. NUMBER	MARKS	EXAMENES INSTIAL	
20 questions and section 8 has 12 questions. The paper has 8 printed pages.  3. Answer all questions. All answers to both sections A and 6 must be shown in the spaces provided.				1-5		
				6-10		
				11-15		
All answers must be written using a blue or black ball point pen or ink. Any answer written in pencils other		16-20				
			21-22			
than on graphs and diag	t be marked.		23-24			
5. No calculators are allowed	in the examina	abon room,		25-26		
. Unnecessary changes in your work and handwriting that		27-28				
cannot easily be read m				29-30		
7. Do not fill anything in th	e table indica	ted: FOR		21,22		

EXAMINERS' USE ONLY' and boxes inside the

question paper.

31-32

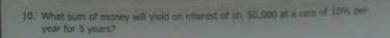
TOTAL

#### MECTODINA CHIMANAC

- 5. Minimum Sike 45
- A. THE RESIDENCE OF SHAPE
- 3. Govern that set the (p, 1, 4, 5, 4), that the repolar of schools is set M.
- A. Fred the sent number in the sequence \$2, 33, 36,42,53.
- If ATTR call charges sh. 20 per remain, how much recent alless one pro-fire materia a call of 2 hours?
- 4. Smith: 12y 7m + 5m 12y
  - The area of a quadrate passes of a cretic is \$54cm<sup>2</sup>. Consider the length of 85 realists.



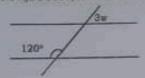
- K. Notes back is because classing a Security as a spread of Milesuphs on screen a distance.
  What distance dist he closes?
- 5. Solve for at 1 x + 5 = 35



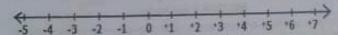
#### 11. Complete the missing values

	VI	DX	
III	III	100	
IV		V	

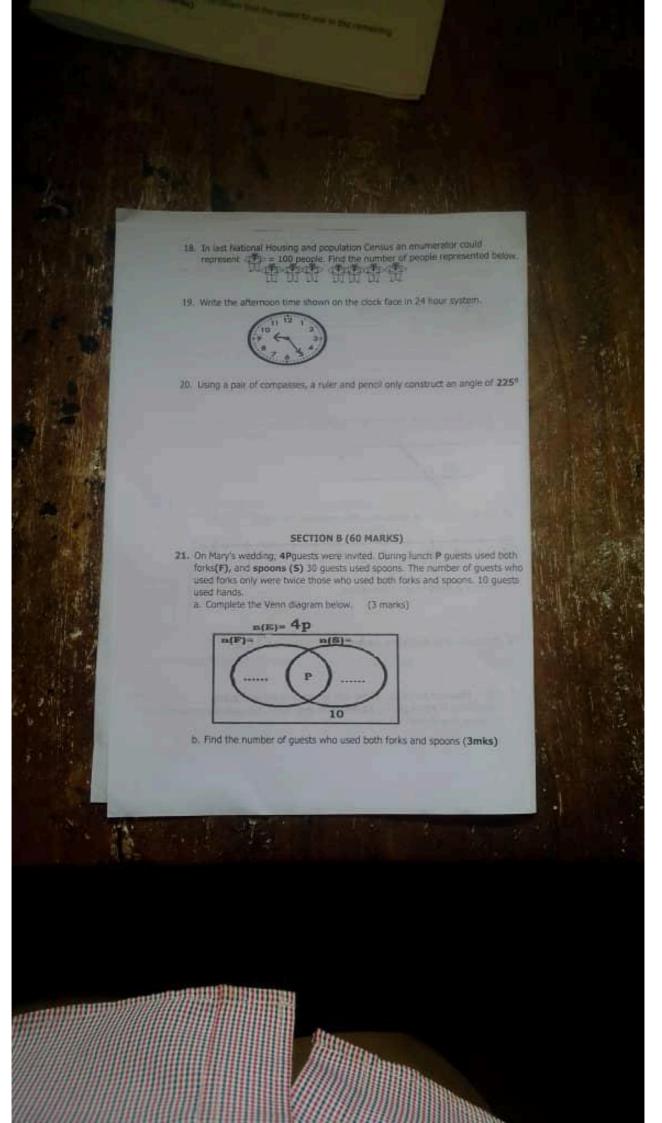
- 12. The Gospel Crusade lasted for 6 days end on Friday. On what day did it start?
- 13. In the figure below, find the value of W

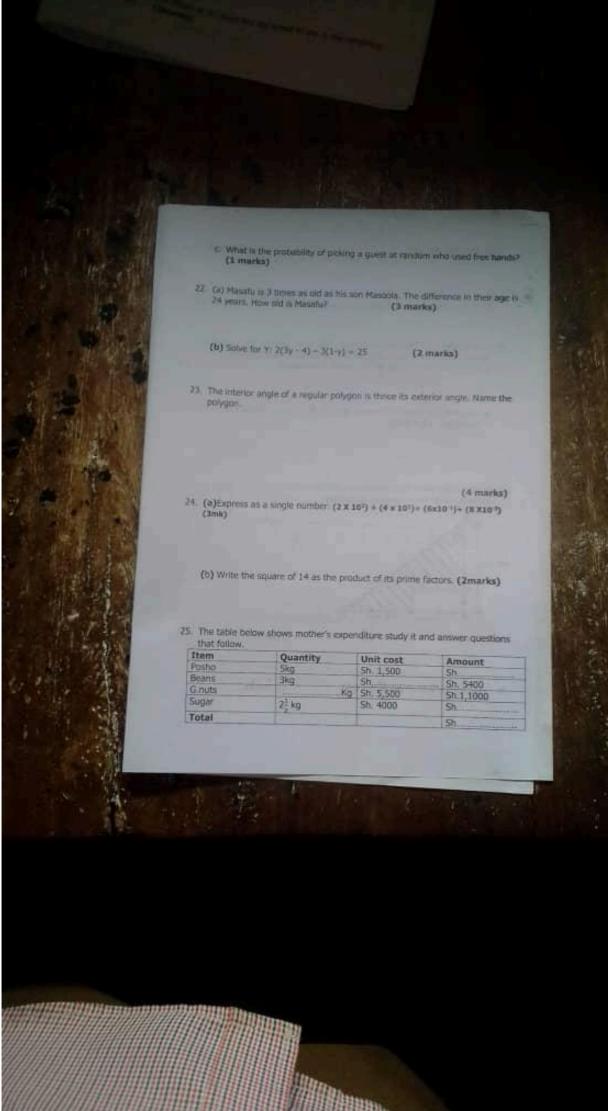


14. On the number line below show the expression: -5 - +6



- 15. Express 0.0405 in scientific notation.
- 16. Work out using distributive property (S00  $\times$  1.7) + (9.3  $\times$  500).
- Sarah, Mary and Annet shared the sum of money in the ratio 3:4:5
  respectively. If Annet got sh. 20,000 more than Sarah. Calculate the amount
  of money they shared.





(5 marks) a. Complete the table (A mark) b. If she went with sh. 50,000 what was her trainned 26. Jane bought a 10 litre Jerrycan of fresh milk at sh. 10,000. She cookers and packed in polythene bags using 400ml cup for take way customers.

a. How many 400ml cups did she pack? (3 marks) b. Calculate the amount of money she got after seiling cooked milk at th. 500 each cup. (2 marks) 27. In the figure below PQ=QR=42cm and QT=TR=21cm and QST is a sector. Study it and answer questions that follow. (2marks) a. Find the area of a triangle PQR (2 marks) b. Calculate the area of the sector QST

Marian.

c. What is the area of the shaded port (1 mark) 28. Two taps are used to fill the water tank of capacity 10,000 libras. Tap A takes 20 minutes to fill the tank while Tap 8 takes 30 minutes.

a. How long does it take to fill the water tank if both taps are opened at the same time (3 marks) b. If both taps are opened for Eminute, what capacity would the tank be holding? (2 marks) 29. The temperature on the slopes of Mt. Elgon Monday Morning was -15°C and after noon was +27°C a. Work out the range in temperature (2marks) (2 marks) b. Calculate the average temperature of that day. 30. A lorry driver left home at 9:00am for Mbale town which is 46 km away driving at 16 Km per hour. At 9:15am the tyre got a puncture and stopped for 15 minutes. (2marks) a. What distance did he cover before stopping? b. If he is to reach Mbale at 10:00am find the speed to use in the remaining journey. (3marks)

