



CHITUNDU ZONE EXAMINATION BOARD CHIZEB

2025 PRIMARY SCHOOL LEAVING CERTIFICATE MOCK 2 EXAMINATION

MATHEMATICS

(100 marks)

Subject Number: P131

Thursday 27 February.

Time Allowed: 2
hours

8:30 – 10:00 am

Name of Candidate: _____ SEX _____

(Surname First)

Name of School: _____

Instructions

1. This paper contains 8 pages. Please check.
2. Answer all questions. In **Section A**, encircle the letter representing the correct answer to each question. In **Section B**, write your answers in the spaces provided under each question.
3. The use of electronic calculators is not allowed.
4. In the table provided on this page, **tick** against the question number you have answered.
5. Ensure **your name**, and **school name** are written on the question paper in the spaces provided.
6. Hand in your examination paper to the invigilator when time is called to **stop** writing.

Question Number	Tick 21 – 30 if answered	Do not write in these columns	
1 - 20			
21			
22			
23			
24			
25			
26			
27			
28			
29			

CHIZEBO MOCK 2

Turn over

SECTION A (40 Marks)

- Encircle the letter representing the correct answer

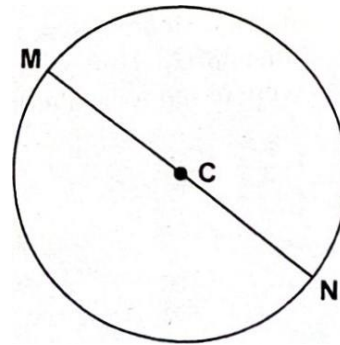
- Write 199 in Hindu Arabic numerals
 - IX
 - CIX
 - .CLXXXXIX
 - CXCIX
- Decrease 120 by 5%
 - 126
 - 114
 - 99
 - 104
- Calculate how much it would cost to send the following message at K15 per word
TO: **PETER PHILI BOX 6 MZUZU I
NEED TRANSPORT MONEY
SCHOOL TERM ENDS ON
11 APRIL.**

FROM: **JULIET PHILI MAYANI
GIRLS SECONDARY
BOX 2 DEDZA**
 - K24
 - K360
 - K522
 - K72
- Which of the following is not equivalent fraction of $\frac{2}{5}$
 - $\frac{4}{10}$
 - $\frac{20}{50}$
 - $\frac{14}{35}$
 - $\frac{16}{35}$
- The product of two numbers is 28. If one of the number is $2\frac{1}{3}$. What is the other number?
 - 6
 - 12
 - 8
 - 10
- A vehicle covers a distance of 330km in 3 hours 20 minutes. What its speed.
 - 198km/hr
 - 99km/hr
 - 99km
 - 198km
- Find the mode in the following set of numbers: **22, 18, 21, 22, 20, 18, 19**
 - 18
 - 20
 - 18 and 22
 - 21 and 22
- Zione is M years old. If in a decade her age will be 30 years. How old is she now?
 - 40
 - 25
 - 45
 - 20
- Evaluate $456 - 610 + 544$
 - 390
 - 930
 - 698
 - 1000
- A bottle has a volume of 25000cm^3 of paraffin. Calculate the capacity of a bottle of paraffin in litres?

- A. 250 litres
- B. 25 litres
- C. 5 litres
- D. 25000 litres

11. Ganizani had $4X$ bags of maize. He gave X bags to his mother. If he remained with 2700 bags. Find the total number of bags that Ganizani had?
- A. 9000
 - B. 27 000
 - C. 36 000
 - D. 18 000
12. Charge 7550 metres into Kilometer and metres
- A. 7 Km 550 m
 - B. 75 Km 50 m
 - C. 755Km 0 m
 - D. 7550Km 0 m
13. A fridge was bought at K62, 500 and sold at K61,250. Find the loss percent?
- A. 1250%
 - B. 2500%
 - C. 2%
 - D. 4%
14. Write the next two numbers in the following number pattern patterns:
7, 7, 14, 21, 35, _____, _____
- A. 91, 56
 - B. 56, 91
 - C. 35, 56
 - D. 91, 147
15. Express 0.005317 to 3 decimal place
- A. 0. 00581
 - B. 0. 005
 - C. 0.01
 - D. 0.00532
16. Find the value of X if
- $$\frac{20}{60} = \frac{5}{X}$$
- A. 12
 - B. 60
 - C. 15
 - D. 20

Figure 1, is a circle. Use it to answer question 17



Given that $MN = 2.8\text{cm}$

17. Find the area of the circle
- A. 24.64cm^2
 - B. 8.8cm^2
 - C. 6.16cm^2
 - D. 6.16cm^3
18. Which of the following angles are correctly arranged in ascending order:
- A. Reflex angle, Straight angle, Obtuse, Acute angle
 - B. Acute, obtuse, straight angle, Reflex
 - C. Obtuse, Reflex, Acute, Straight angle
 - D. Acute, Obtuse, Reflex, Straight angle
19. The following are the formula for calculating the perimeter of a rectangle **except**
- A. $2L + 2W$
 - B. $2(L + W)$
 - C. $L + W + L + W$
 - D. $L^2 + W$
20. Given that K20,000 is invested in a bank for 5 years and it yields K10,000. Calculate the rate
- A. 1%
 - B. 10%
 - C. 20 %
 - D. 2%

SECTION B (60 Marks)

Answer **all** questions in this section. Write your answer in the spaces provided under each question. Show your working.

- 21.a. Standard 8 learners at Chitundu Zone were asked to divide the numbers 49, 84 and 20. In both cases, they found a remainder of 15. What was the least number which could give that result?

(5marks)

- b. Divide $83\text{kg } 15\text{g}$ by 7

(4marks)

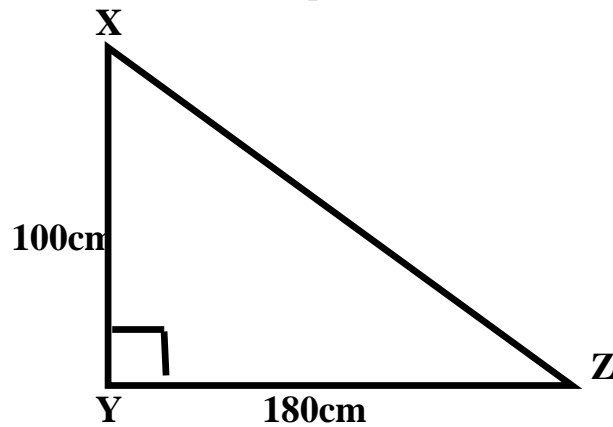
22. A book costs K1500. In a sale, the price was reduced by $2\frac{1}{3}\%$. What was the selling price?

(4marks)

23. The area of a rectangle is 72cm^2 and its length is 16cm . Calculate the perimeter of the rectangle?

(6marks)

Figure 2 below shows a triangle XYZ in which angle $XYZ = 90^\circ$, $XY = 100\text{cm}$ and $YZ = 160\text{cm}$. Use it to answer question 24



24.a. Draw the figure accurately using the scale of 1cm represents 20 cm.

(4marks)

b. In your diagram measure the length of XZ

(1mark)

Table 1 shows income rates on a salary per month. Use it to answer question 25

INCOME PER MONTH	RATE OF TAX
First K9000	0 % (Tax free)
Next K 3000	15%
Excess (over) K 12,000	30%

25.a. Akuzike gets a salary of K 39,400 a month. Find the amount he gets after deducting income tax

(6marks)

b. Find the commission for goods worth K45,000 if a commission of 10% was charged

(2marks)

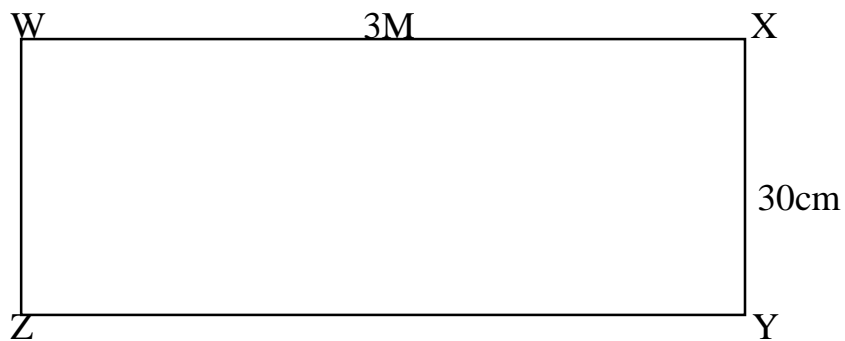
26.a. Solve the equation $12b - 4b + 5 = 29$

(3marks)

b. The rule of generating a number pattern is minus 4. Generate the number pattern begin with 31 and ends with 11

_____ (4marks)

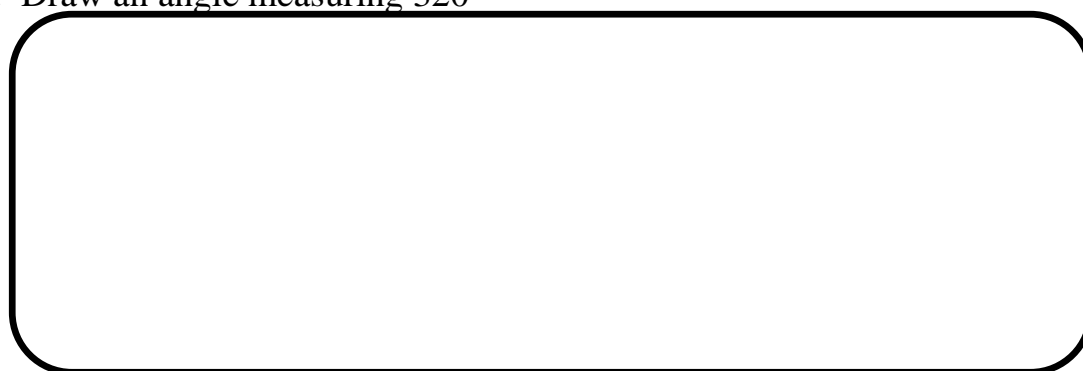
Figure 3 shows a rectangle garden **WXYZ**, in which $XY = 30\text{cm}$ and $WX = 3M$.



27. Find the value of M if the perimeter = 180cm

(6marks)

b. Draw an angle measuring 320°



(2marks)

Table 2 shows postal charges within Malawi use it to answer question 28.

ITEM	MASS OF ITEM	POSTAL CHARGES
Parcels	Up to 1 Kg	K 240
	Above 1 Kg up to 3Kg	K 395
	Above 3 Kg up to 5Kg	K 475
	Above 5 Kg up to 10Kg	K 660
	Above 10 Kg up to 20Kg	K 1285

28. Find the total postal charge for parcels of the mass 17000g and 4kg

(4marks)

29. Mr Phiri had K 25 000 balance in bank on 1 January,2025. During the month, he made the following transactions:

- 5 January sold pamphlets for K15 000
- 12 January banked K 12 000
- 25 January withdraw K 14 000

Prepare a cash book for Mr Phiri and balance it.

(9 marks)

END OF QUESTION PAPER

NB: This paper contains 8 printed pages.