



NKHAMENYA ZONE EXAMINATION BOARD

2025 PRE-ZONAL MOCK T3

MATHEMATICS
STANDARD 6

(100 MARKS)

NAME OF A LEARNER: _____ DATE _____

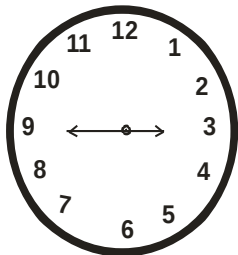
NAME OF SCHOOL: _____

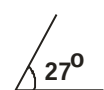
Instructions

- This paper contains two sections **A and B** please check
- In section **A** encircle the correct letter representing the answer
- Use the spaces provided to solve the problems in section **B**
- Cheating is strictly prohibited

SECTION A (40 MARKS)

1. Change 2.2 as a fraction
A. $2\frac{1}{10}$ C. $2\frac{2}{5}$
B. $2\frac{1}{5}$ D. $2\frac{1}{2}$
2. Express 24 as a product of its prime factors
A. 4×6 C. $2 \times 3 \times 3$
B. 3×8 D. $2 \times 2 \times 2 \times 3$
3. What is the time on the clock face below?



- A. 3 minutes past 9 C. Quarter to 9
B. 9 minutes to 3 D. Quarter to 3
4. Change $\frac{3}{4}$ to decimal
A. 0.25 C. 0.34
B. 0.43 D. 0.75
 5. Divide 72l 63ml $\div$ 9
A. 6.18 C. 7.07
B. 5.07 D. 8.07
 6. Which of the following angles is acute angle?
A. 
B. 
C. 
D. 
 7. Subtract the following $\frac{3}{4} - \frac{1}{3}$
A. $\frac{5}{12}$ C. $\frac{4}{5}$
B. $\frac{1}{6}$ D. $\frac{1}{2}$

8. Which of the following is a prime number?
A. 4 C. 11
B. 9 D. 12

9. Convert 1000t to kwacha

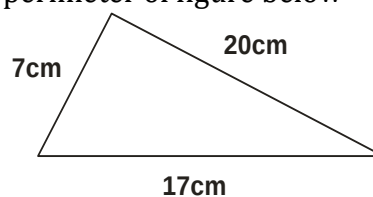
A. K200 C. K10
B. K2000 D. K2

10. Which of the following completes the pattern?



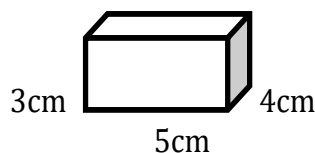
A.   C.  
B.   D.  

11. Find the perimeter of figure below



A. 37cm C. 44cm
B. 70cm D. 27cm

12. Find volume of the cuboid below



- A. 12cm^3 C. 60cm^3
B. 20cm^3 D. 60cm
13. Write 123 degrees Celsius in the short way
A. 123° C. 123 L
B. 123°C D. 123C
 14. Write half in decimal
A. 1.5 C. $\frac{1}{2}$

- B. 5.0 D. 0.5
15. Write the product of 9 and 2 is greater than 11 in short mathematical statement
- A. $9 + 2 > 11$ C. $9 \div 2 > 11$
 B. $9 \times 2 < 11$ D. $9 \times 2 > 11$
16. Find the three first multiples of 13
- A. 1, 26, 39 C. 13, 26, 1
 B. 1, 13, 26 D. 26, 39, 52
17. Find the ratio of females and 4 males in simplest form
- A. 20:4 C. 4:5
 B. 5:1 D. 1:5

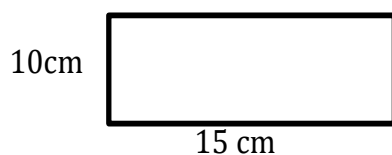
18. Which of the following numbers complete the number pattern?
 99, 88, 77, _____, _____, _____
- A. 66, 55, 44 C. 44, 55, 66
 B. 77, 66, 55, D. 88, 77, 66
19. Correct 69.999 to the nearest whole number
- A. 69.10 C. 70.10
 B. 70 D. 69.910
20. Write 11:00pm in 24 hours
- A. 22:00 hours C. 23:00 hours
 B. 11:00 hours D. 23pm

SECTION B: (60 MARKS)

- 21.a) A famer bought 2 bags of fertilizer at K120 000 per bag and 3 panga knives at K10,000 per panga knife prepare a bill for a farmer **(6 marks)**

- b) How much change did he receive after paying K300 000? **(3 marks)**

- 22.a) Find the perimeter of a rectangle below **(6 marks)**

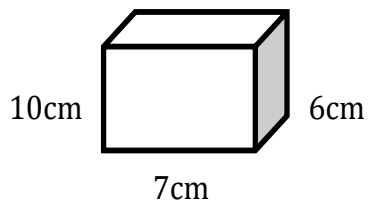


b) Draw the clock face showing the following time 9:15:30am

(5 marks)

23. a) Find the volume of the cube

(6 marks)



b) In a tray of 20 eggs, 7 are good and the rest are bad.

(a) How many eggs are not good?

(6 marks)

(b) Write the ratio of good eggs and bad eggs

(3 marks)

24. a) The ages of the learners in std 6 class were as follows 13, 10, 11, 10, 12, 10, 13, 12, 13, 12, 13, 11, 12, 10, 13
Present the information using tallies

(10 marks)

- b) Simplify $\frac{3}{4} + \frac{1}{3}$

(4 marks)

25. The number of learners in different classes were as follows at Baba School

Classes	Number of learners
Standard 1	200
Standard 2	280
Standard 3	240
Standard 4	210
Standard 5	200

Present the information in a picture Graph using a scale of 1:20

(10 marks)

END OF QUESTIONS

