

TARGETER WINGS

JUNIOR SECONDARY SCHOOL ASSESSMENT

GRADE 7 - 2024



Wings
002

Time: 1 hr 40mins

MATHEMATICS

Name _____
School _____
Adm No: _____ Date _____

Instructions:

- (a) Write your name, school, admission number and date in the spaces provided above.
(b) Answer all questions in this question paper.

FOR EXAMINER'S USE ONLY

Questions	Maximum score	Student's score	Performance scale
1	2		
2	2		
3	2		
4	2		
5	2		
6	2		
7	2		
8	2		
9	2		
10	2		
11	2		
12	2		
13	2		
14	2		
15	2		
16	2		
17	2		
18	2		
19	2		
20	2		
21	2		
22	2		
23	2		
24	2		
25	2		
Total	50		

1. Tumaini junior school received sh.33458900 from the government to build a science laboratory. Write the amount they received in words. (2mks)

2. In a county there are 12990195 people. Round off the number of people in the county to the nearest tens of millions. (2mks)

3. What is the next two numbers in the sequence below? (2mks)
8, 11, 14, 17, 20, ____, ____

4. A mason covered a square floor of a hall with 3136 square tiles. How many tiles did he place along each side of the hall? (2mks)

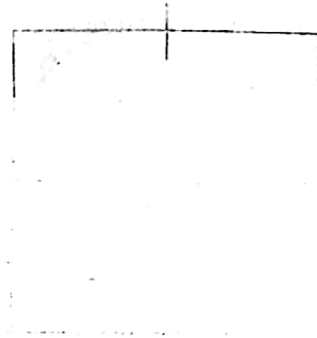
5. A piece of sugarcane was divided into three pieces. The three pieces were $\frac{2}{5}$, $\frac{3}{8}$ and $\frac{9}{40}$. Write the fractions in ascending order. (2mks)

6. What is the value of : $45 - 12 \times 15 \div 5 + 12$? (2mks)

7. Three bells were set to ring at intervals of 6 minutes, 15 minutes and 24 minutes. If the bells were set at the same time, after how many hours did they ring together again? (2mks)

8. John invited his 8 friends to attend his birthday party. If he had 613 biscuits, how many more biscuits did he require to share the biscuits equally among his friends? (2mks)

9. Express the composite number 216 as a product of its prime factors. (2mks)

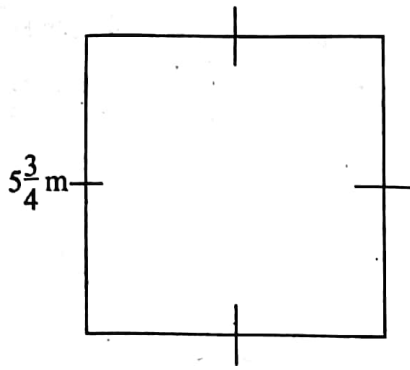


10. What is the sum of the first 21 odd numbers? (2mks)

11. During a job interview 34% of the people who attended were men. Write percentage of the women who attended the interview as a decimal. (2mks)

12. James had 72m of wire. If he used 43.123m of the wire, what length of wire did he remain with? (2mks)

13. Find the area of the square field drawn below. (2mks)



14. A shopkeeper had 120 kilograms of sugar. He packed the sugar into 500g packets. How many packets did he obtain? (2mks)

15. A farmer used 13.9962 litres of water to mix chemicals in the farm. Round off the amount of water he used to 2 decimal places. (2mks)

16. A parent gave $\frac{1}{5}$ of the cake to his daughter, $\frac{2}{7}$ to his son and he was left with the rest. What fraction was he left with? (2mks)



17. Joyce went to the shop and bought the following items:

3 loaves of bread @ sh. 55

2kg of sugar @ sh.130

4 packets of maize flour for sh. 840

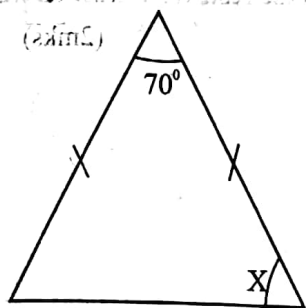
1kg of salt at sh. 70

If he gave the shop keeper 2 one thousand shillings note, what change did he get? (2mks)

18. A train arrived at the railway station at 2112 hours. At what time did the train arrive in 12hr clock system? (2mks)

19. Find the size of the angle marked X

(2mks)



20. Mwanzia shared n fruits equally among his 4 children. Each child got more than 7 fruits. Form an inequality to represent this information.

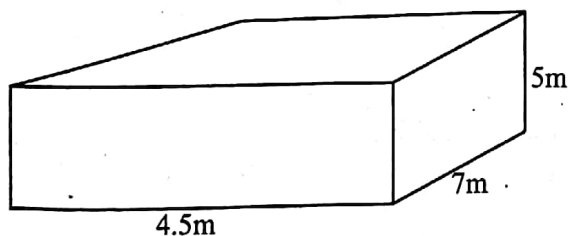
(2mks)

21. What is the product of the faces and vertices in a closed cuboid?

(2mks)

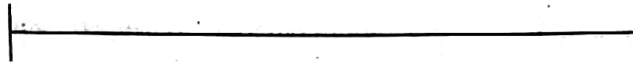
22. The figure below represents a school tank. Calculate the volume of water that it can hold when full in m^3

(2mks)



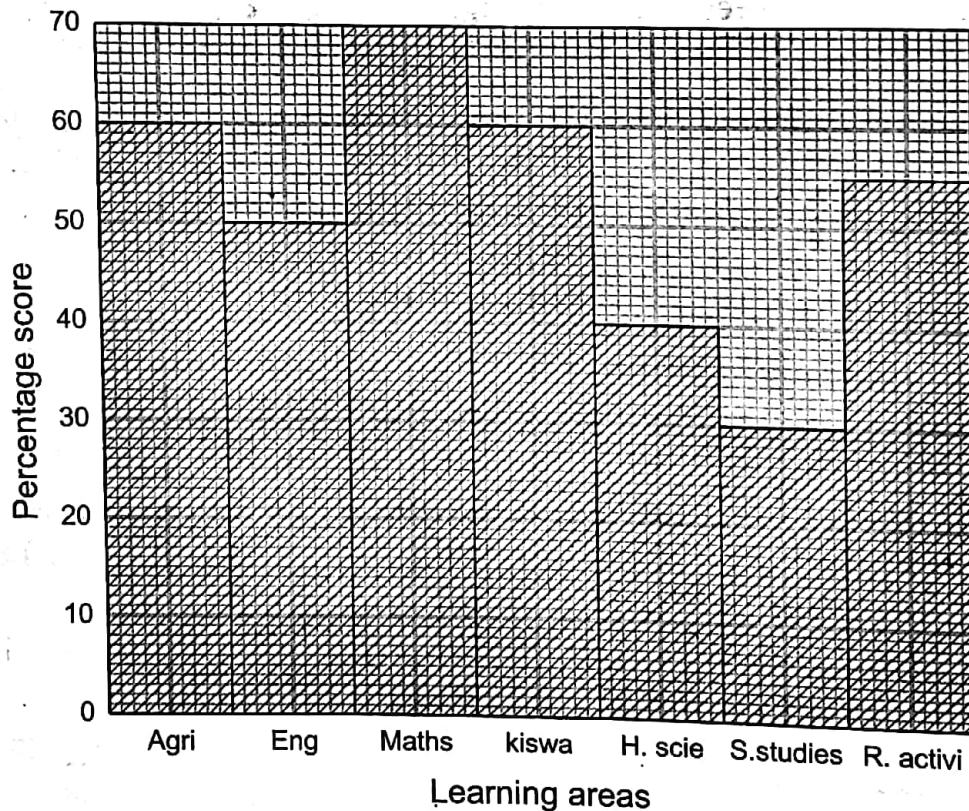
23. Using a pencil, a pair of compasses and a ruler bisect the line drawn below.

(2mks)



24. Every morning a teacher covers 32km 650m to go to work. What distance does he cover in a day both morning and evening in metres? (2mks)

25. The graph below shows the scores of a learner in a test.



What was the total score of the learner in all the learning areas?

(2mks)