



TARGETER WINGS

JUNIOR SCHOOL ASSESSMENT

GRADE 7 - 2026

Wings
002

MATHEMATICS

Time: 1hr 40mins

Learners Name _____
School Name _____
Learners's Signature _____

Assessment Number _____
School Code _____
Date _____

INSTRUCTIONS TO LEARNERS

1. Write your **name** and **Assessment number** in the spaces provided above.
2. Write the **name** and **code of your school** in the spaces provided above.
3. **Sign** and write the **date** of the assessment in the spaces provided above.
4. This question paper consists of **TWO** sections: **A** and **B**.
5. Answer **ALL** the questions in section **A** on the separate **ANSWER SHEET** provided.
6. Answer **ALL** the questions in section **B** in the spaces provided in this **QUESTION PAPER**.
7. Show all the workings in section **B** in the spaces provided.
8. Non-programmable calculators may be used, except where stated otherwise.
9. Give non-exact numerical answers, correct to 3 significant figure and one decimal place for angles in degrees, unless a different level of accuracy is specified in the question.
10. For π , use either the calculator value or 3.142.
11. Do **NOT** remove any page from this question paper.
12. Answer **ALL** the questions in **English**.

SECTION A (20 marks)

1. You have been given this question paper and a separate answer sheet. Answer **All** the questions in Section A on the separate answer sheet provided.
2. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in this question paper.

HOW TO USE THE ANSWER SHEET

3. Use an ordinary HB pencil.
4. Confirm that the answer sheet you have been provided with has the following:
 - YOUR ASSESSMENT NUMBER
 - YOUR NAME
 - NAME OF YOUR SCHOOL
 - NAME OF THE SUBJECT
5. Keep the answer sheet clean, dry and **DO NOT** fold it.
6. For each of the questions 1 – 20, four answers are given. The answers are lettered **A, B, C** and **D**. In each case, only **ONE** of the four answers is correct. Choose the **correct** answer.
7. On the answer sheet, the correct option is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

Example In the Question Booklet:

14. Arrange this fractions in descending order.

A. $\frac{1}{6}, \frac{2}{5}, \frac{1}{2}, \frac{3}{4}$

B. $\frac{2}{5}, \frac{1}{6}, \frac{3}{4}, \frac{1}{2}$

C. $\frac{1}{2}, \frac{3}{4}, \frac{2}{5}, \frac{1}{6}$

D. $\frac{3}{4}, \frac{1}{2}, \frac{2}{5}, \frac{1}{6}$

The correct answer is **D**.

8. On the answer sheet, in the set of boxes given for number 14, draw a **dark line** inside the box with the letter **D** printed in it as indicated below.
14. [A] [B] [C] [D]
9. Your **dark line MUST** be inside the box. 10. For each question, **ONLY ONE** box is to be marked in each set of four boxes.

For official use only

SECTION B

Question	21	22	23	24	25	26	27	28	29	30			
Maximum Score	3	5	2	4	3	3	3	3	2	2			
Learner's Score													

This paper consists of 8 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

SECTION A (20 MARKS)Working space

1. Which of the following numbers below is divisible by 11?

A. 7545
B. 10863
C. 15653
D. 11111

2. Work out:

$$3\frac{3}{4} + 2\frac{1}{2}$$

A. $5\frac{4}{6}$
B. $6\frac{1}{4}$
C. $5\frac{1}{3}$
D. $6\frac{2}{6}$

3. Fill in the missing numbers

30, 27, 24, 21, 18, _____, _____

A. 15, 12
B. 14, 11
C. 17, 15
D. 16, 14

4. How many groups of thousands are there in the total value of digit 8 in the number; 3867951?

A. 800, 000
B. Eight hundred
C. Hundreds of thousands
D. 80

5. The number of registered voters in a certain county was; 6594670. Round off the number of voters to the nearest tens of thousands

A. 6590000
B. 6600000
C. 7000000
D. 6500000

6. Work out: $72 \div 6 \times 7 + 4 - 10$

- A. 19 B. 79
C. 68 D. 78

7. How many pieces of string each of length $\frac{3}{8}$ m can be obtained from a string $3\frac{3}{8}$ m.

- A. $2\frac{7}{8}$ pieces B. $5\frac{6}{8}$ pieces
C. 9 pieces D. 6 pieces

8. Three bags contain 66, 78 and 90kg of rice.

Find the greatest mass of rice that can be taken from the three bags.

- A. 234kg
B. 12870kg
C. 6kg
D. 127kg

9. Jonathan treads a distance of 107.14m on a treadmill every minute. Calculate the total distance he treads in 45minutes.

- A. 4821.3
B. 152.14
C. 2.3809
D. 238.09

10. A square field has a length of 125m. Find the cost of paying for the field at a rate of Sh. 115 per m^2 .

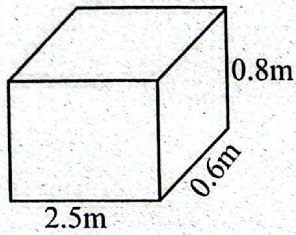
- A. sh. 57500
B. sh.1796875
C. sh.14375
D. sh.1562500

11. The number of goats in a farm is 'g'. The number of sheep in the same farm is thrice the number of goats. Which of the following expressions represents the total animals in the farm?

- A. $g + g + 3$ B. $g + g - 3$
C. $3g + 2g$ D. $3g + g$

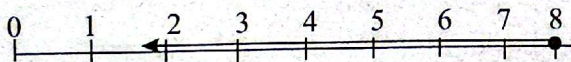
12. Which of the following is the smallest 6 digit number that can be formed from 8, 9, 2, 0, 5, 3?
- A. 023589
 - B. 209853
 - C. 203589
 - D. 985320

13. The rectangular box below was filled with milk.



How much milk was in the box in litres?

- A. 1200
 - B. 20
 - C. 12
 - D. 1.2
14. Which of the following linear inequalities correctly represents the information on the number line?



- A. $x \leq 2$
 - B. $x \leq 8$
 - C. $x \geq 2$
 - D. $x \geq 8$
15. The population of a town is three million three thousand and three. Which of the following correctly shows the population in symbols?
- A. 3003003
 - B. 3330000
 - C. 30003003
 - D. 33003003

16. Which one of the following is the square root of

$$\sqrt{6561} \text{ ?}$$

- A. 81
- B. 9
- C. 18
- D. 64

17. Round off 12.4421 correctly to one decimal place.

- A. 12.40
- B. 12.4
- C. 12.5
- D. 12

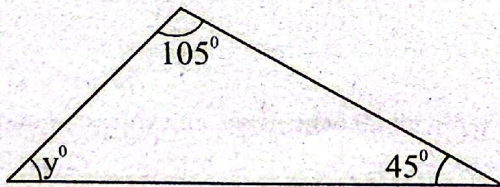
18. A rectangular plot measures 42m by 27m. The plot was fenced with a chain link wire. Find the length of the chain link wire used to make 1 strand.

- A. 138m
- B. 69m
- C. 1134m
- D. 567m

19. In an athletics competition, John took 10 seconds to complete a 100m race. What was his speed in m/s?

- A. 1000m/s
- B. 100m/s
- C. 10m/s
- D. 1m/s

20. Find the value of angle y in the figure below.



- A. 150°
- B. 30°
- C. 70°
- D. 60°

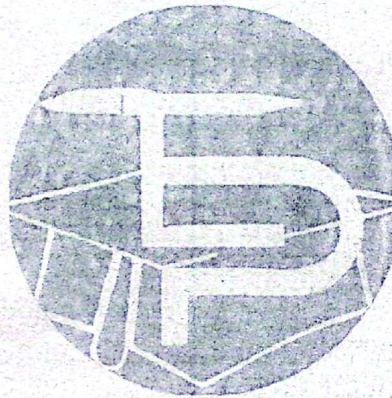
Working space

SECTION B

21. The number of seedlings planted in a county was; 38 676 204. How many times is the total value of digit 8 greater than that of digit 2? (3marks)

22. The floor of a room is 15m long and 10m wide. The room is to be fitted with square tiles of side 50cm.
a) What is the area of the room? (1mark)

- b) What is the area of one tile?



(1mark)

- c) How many square tiles will cover the whole room?

(3marks)

23. A shopkeeper had b bags of beans. He sold 8 bags and was left with 30 bags. Write an expression to show the number of bags of beans the wholesaler had at the beginning. (2marks)

24. Find the missing numbers in the magic square below

(4marks)

10	a	4
8	5	b
c	d	0

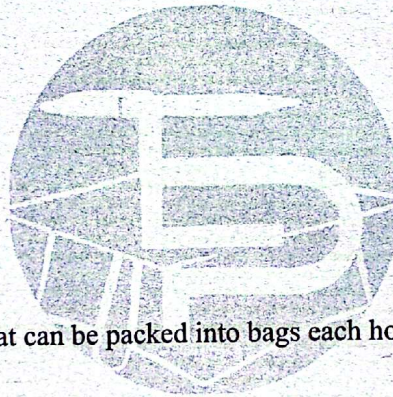
a _____

b _____

c _____

d _____

25. A mother shared 15 scones and 24 sweets among her children such that each gets equal number. Find the greatest number of children who can share the items equally. (3marks)



26. Find the least amount of flour that can be packed into bags each holding 20kg or 25kg or 50kg. (3marks)

27. Write how one can tell that a number is divisible by 6 and give an example.

(3marks)

(3marks)

28. Use prime factorization method to find the square root of 144

(2marks)

29. The area of a square is 784m^2 , what is the perimeter of the square?

(2marks)

30. How many vertices are in the figure below?

