TARGETER WINGS
KENYA PRIMARY SCHOOL EDUCATION ASSESSMENT
GRADE 6 - YEAR 2025
MATHEMATICS

Wings
005

TIME: 1 hour 20 minutes

INSTRUCTIONS TO CANDIDATES (Please read these instructions carefully)

1. You have been given this question booklet and a separate answer sheet. The question booklet contains 30 questions.

2. Do any necessary rough work in this booklet.

3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in this question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil.

5. Confirm that the answer sheet that you have been provided with has the following:
   YOUR ASSESSMENT NUMBER
   YOUR NAME
   NAME OF YOUR SCHOOL
   NAME OF SUBJECT

6. Do not make any marks outside the boxes.

7. Keep the sheet as clean as possible and do not fold it.

8. For each of the questions 1 - 30, four choices are given. The choices are lettered **A, B, C** and **D**. In each case, only **ONE** of the four choices is correct. Choose the **correct** answer from the choices.

9. On the answer sheet, the correct answer 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:
   11. A grade 6 learner was asked to write the total value of digit 8 in the number 4872. What answer did she write?

   A. 80   B. 8   C. 800   D. 8000

   The correct answer is C.
   On the Answer Sheet:
   In the set of boxes numbered 11, draw a **dark line** inside the box with the letter C printed in it as indicated below.

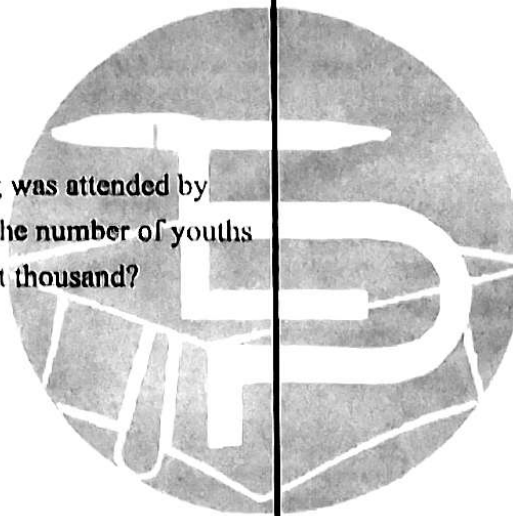   11. [A] [B] [C] [D]   12. [A] [B] [C] [D]   13. [A] [B] [C] [D]   14. [A] [B] [C] [D]

10. Your **dark line MUST** be within the box.

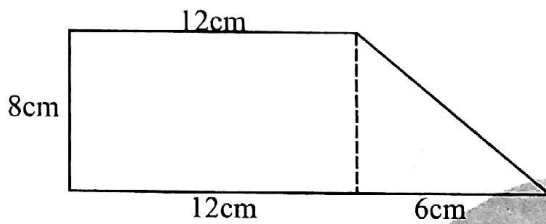11. For each question, **ONLY ONE** box is to be marked in each set of four boxes.
    This question paper consists of 8 printed pages

1. A large scale farmer planted eight hundred and eight thousand and eighty eight apple seedlings in his farm. Write the number of the seedlings in symbols.
   A. 888, 088
   B. 808, 888
   C. 808, 880
   D. 808, 088

2. The National government of Kenya supplied 9,458,273 tablets in all public schools in Kenya. What is the total value of digit 9?
   A. Millions
   B. hundred of thousands
   C. Nine million
   D. Tens of thousands

3. A national youth meeting was attended by 489252 youths. What is the number of youths rounded off to the nearest thousand?
   A. 489000
   B. 489200
   C. 489300
   D. 490000

4. The area of a square piece of paper is 576cm². Calculate the length of the paper.
   A. 24cm
   B. 26cm
   C. 104cm
   D. 144cm

5. Kone used digits 8, 3, 5, 0 and 7 to form the smallest five digit number. Which number did he form?
   A. 3578
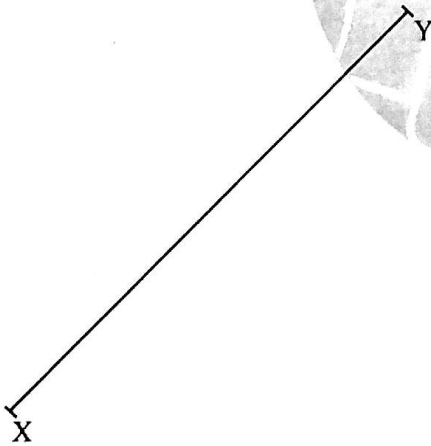   B. 30578
   C. 35780
   D. 87530

6. A factory produced 467 packets of maize flour everyday. How many packets of maize flour were produced in the month of February 2024?
   A. 13076
   B. 13543
   C. 14010
   D. 14477

7. A grade 6 learner made a paper cut out shown below.

   A. What is the area of the paper cut out?
   A. 48cm^2
   B. 96cm^2
   C. 120cm^2
   D. 144cm^2

8. A carpenter bought a piece of wood which was 3.4m long. He used 2.96m of the wood to make a table. What is the length of the wood that remained?
   A. 6.36m
   B. 1.44m
   C. 0.56m
   D. 0.44m

9. A meeting was attended by men, women and children. The fraction for the number of men was $\frac{5}{12}$ while that of women was $\frac{1}{3}$ and the rest were children. What was the fraction of children who attended the meeting?

   A. $\frac{1}{4}$

   B. $\frac{3}{4}$

   C. $\frac{1}{12}$

   D. $\frac{4}{9}$

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10. What is the largest number of learners who can buy 24 bananas, 18 oranges and 12 apples without a remainder?
    A. 3
    B. 6
    C. 24
    D. 72

11. A learner scored 4 questions out of 5 questions in a mathematics quiz. Convert the marks he scored as a percentage.
    A. 20%
    B. 40%
    C. 60%
    D. 80%

12. A learner drew the following line.
    Measure the length **XY** in cm using a ruler.

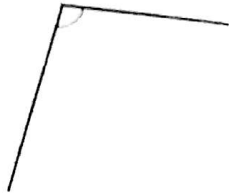   What is the length of the line in millimetres?
    A. 78
    B. 60
    C. 7
    D. 6

13. Martin had 20 cartons. He packed 30 bottles of fruit juice in each carton. Each bottle contained 250ml of juice. What was the total amount in litres of the juice packed?
    A. 150000
    B. 1500
    C. 150
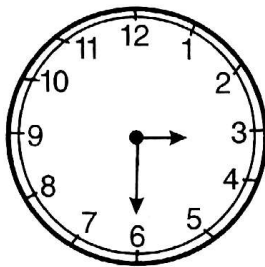   D. 15

14. A box measures 40cm long 20 cm wide and 15cm high. Calculate the volume of the box.

    A. 12000cm³

    B. 1200cm³

    C. 120cm³

    D. 12cm³

15. A cooperative society imported 4 tonnes 50kg of fertilizer. It distributed 3 tonnes 490kg to farmers. How many kilogrammes remained?

    A. 7540

    B. 1440

    C. 560

    D. 10

16. A shopkeeper bought $7\frac{1}{2}$ kg of sugar and later sold $3\frac{1}{4}$ kg of the sugar. How many kilograms of sugar remained?

    A. $3\frac{3}{4}$ kg

    B. $4\frac{1}{4}$ kg

    C. $4\frac{3}{4}$ kg

    D. $11\frac{1}{4}$ kg

17. Change $\frac{61}{3}$ into a mixed number.

    A. $2\frac{1}{3}$

    B. $6\frac{1}{3}$

    C. $11\frac{1}{3}$

    D. $20\frac{1}{3}$

18. Alex had x mangoes while his brother had 5 more mangoes than Alex. They had a total of 18 mangoes. Which of the following equations correctly represents the information?

    A. $2x+5=18$

    B. $x+5=18$

    C. $2x+5+18$

    D. $x+5+18$

19. Use a protractor to measure the angle draw below.
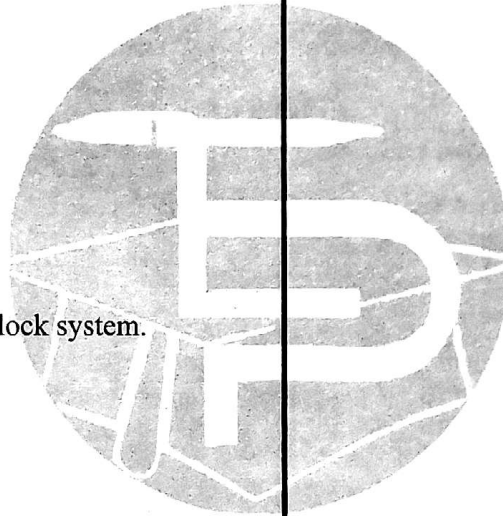

What is the size of the angle ?
A. 60^0
B. 80^0
C. 90^0
D. 100^0

20. An afternoon lesson started at the time shown below.

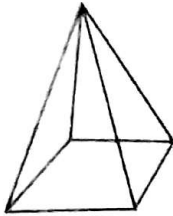Write the time in 24hour clock system.
A. 0330hr
B. 0615hr
C. 1530hr
D. 1815hr

21. Grade 6 learners were told to name equivalent fractions to $\frac{2}{3}$. Who among the following gave a wrong answer?

A. Allan - $\frac{4}{9}$

B. Brian - $\frac{8}{12}$

C. Mitchelle - $\frac{12}{18}$

D. Amina - $\frac{4}{6}$

22. The mass of a hen is 3.245kg. What is the place value of digit 5?
A. Thousands
B. Thousandths
C. Tenths
D. Hundredths

23. A grade 5 learner made a 3D object below using cartons.

What is the name of the 3D object?
A. Triangular prism
B. Cylinder
C. Pyramid
D. Cuboid

24. The table below shows the number of learners absent in a class of 38 pupils.

Day	Mon	Tue	Wed	Thur	Fri
Number	2	5	1	0	3

Which day had the highest number of pupils present?
A. Tuesday
B. Wednesday
C. Thursday
D. Friday

25. Grade 5 learners were told by their teacher to state services provided by banks. Which one of the following is not a service provided by banks?
A. safe custody of items
B. Sending parcels
C. Provide loans
D. Money deposits

26. Work out:
$$\left(\frac{5}{12}\right)^2$$
A. $\frac{25}{144}$

B. $\frac{10}{24}$

C. $\frac{10}{12}$

D. $\frac{25}{12}$

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27. Work out:

Hr	min
6	55
+3	45

A. 10 hr 00 min

B. 3 hr 10 min

C. 11 hr 40 min

D. 10 hr 40 min

28. A total of sh. 8498 was shared among 14 learners. How much money did each learner receive?

A. sh. 67

B. sh. 706

C. sh. 607

D. sh. 670

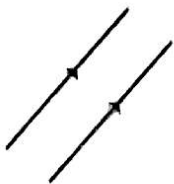29. A grade 6 teacher wrote the question below on the blackboard.
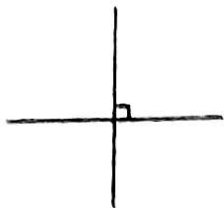
32+8x16+3-20

What is the correct answer?

A. 31

B. 47

C. 67

D. 63

30. During a mathematics lesson a teacher asked learners to draw perpendicular lines. Who among the following made the correct drawing?

A. Michael

B. John

C. Susan

D. Abdi