

THE KENYA NATIONAL EXAMINATIONS COUNCIL
Kenya Primary School Education Assessment (KPSEA)
603

MATHEMATICS
2026 PREDICTION EXAM

Time: 1 hour 20 minutes

INSTRUCTIONS TO CANDIDATES (Please read these instructions carefully)

1. You have been given this question paper and a separate answer sheet. The question paper contains 30 questions. Answer ALL the questions.
2. Do any necessary rough work in this question paper.
3. When you have chosen your answer, mark it on the ANSWER SHEET, NOT in this question paper.

HOW TO USE THE ANSWER SHEET

4. Keep the answer sheet clean and do not fold it.
5. Use an ordinary (HB) pencil.
6. 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.
7. For each of the questions 1-30, four choices are given, lettered A, B, C and D. In each case, only ONE choice is correct.
8. On the answer sheet, show the correct answer by completely shading the circle/box with the letter you have chosen.
9. Do not make any marks outside the circles/boxes. Be sure of your answer before shading.

Example

Work out $8 + 3 \times 12 - 6$?

A. 40 B. 138 C. 44 D. 132

The correct answer is A ($38 \rightarrow 40$ shown is illustrative). Shade the circle/box with letter A completely and clearly.

This question paper consists of 11 printed pages. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

1. A county government collected sh 782 406 in market fees last month.

What is the amount in words?

- A. Seven hundred eighty two thousand four hundred and six shillings B. Seven hundred eight thousand two hundred and six shillings
C. Seventy eight thousand two hundred and four shillings D. Seven hundred eighty two thousand and six shillings

2. A tea factory processed 5 273 940 kilograms of tea leaves in a year.

What is the total value of digit 7 in the number?

- A. 70 000 B. 700 000
C. 7 000 D. 70

3. A clerk wrote the following numbers on cards: 308 415, 83 962, 308 145, 90 274.

Which is the correct arrangement in ascending order?

- A. 83 962, 90 274, 308 145, 308 415 B. 308 415, 308 145, 90 274, 83 962
C. 90 274, 83 962, 308 145, 308 415 D. 83 962, 90 274, 308 415, 308 145

4. A poultry farm collected 4 862 eggs in a week.

What is the number of eggs rounded off to the nearest hundred?

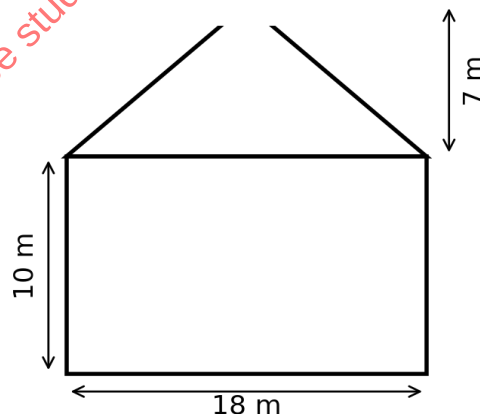
- A. 4 800 B. 4 900
C. 5 000 D. 4 000

5. A school has 48 classrooms. Each classroom has 42 learners.

How many learners are in the school altogether?

- A. 2 016 B. 1 916
C. 2 106 D. 2 000

6. The figure below shows a wall of a store which is made up of a rectangle and a triangle.



What is the area of the wall?

- A. 180 m^2 B. 213 m^2
C. 243 m^2 D. 63 m^2

7. Study the number pattern below.

5, 15, 45, 135, ____

What is the next number in the pattern?

- A. 150 B. 270
C. 405 D. 540

8. A women's group had 1 372 mangoes. They shared the mangoes equally among 18 members. How many mangoes remained after sharing?

- A. 4 B. 14
C. 16 D. 76

9. Kioko spent $\frac{2}{9}$ of his salary on rent and $\frac{1}{3}$ of the salary on food. What fraction of the salary did he spend on rent and food altogether?

- A. $\frac{5}{9}$ B. $\frac{1}{9}$
C. $\frac{3}{12}$ D. $\frac{7}{9}$

10. What is $\frac{9}{25}$ expressed as a decimal?

- A. 0.036 B. 0.36
C. 0.9 D. 3.6

11. A learner worked out the following: $0.472 + 0.365$

What was the correct answer?

- A. 0.837 B. 0.737
C. 0.107 D. 8.37

12. During a tree-planting exercise, 44% of the seedlings planted were indigenous trees.

What fraction of the seedlings were indigenous trees?

- A. $\frac{11}{25}$ B. $\frac{44}{50}$
C. $\frac{22}{50}$ D. $\frac{11}{20}$

13. A tailor measured a piece of ribbon and found it to be 8 centimetres 4 millimetres long.

What was the length of the ribbon in millimetres?

- A. 84 B. 480
C. 804 D. 8.4

14. A carpenter had a plank measuring 4 m 25 cm. He cut off 1 m 68 cm to make a shelf.

What length of the plank remained?

- A. 5 m 93 cm B. 3 m 43 cm
C. 2 m 57 cm D. 2 m 43 cm

15. A water tank has a capacity of 12 litres.

What is the capacity of the tank in millilitres?

- A. 120 B. 1 200
C. 12 000 D. 120 000

16. A truck delivered 3 250 kilograms of rice to a shop.

What is the mass of the rice in tonnes?

- A. 325 B. 32.5

C. 3.25 D. 0.325

17. A Young Farmers Club shared 48 kg 600 g of animal feed equally among 6 members for a rabbit-rearing project.

What mass of feed did each member receive?

- A. 8 kg 100 g B. 9 kg 720 g
C. 42 kg 600 g D. 6 kg 100 g

18. Halima bought the following items from a shop: a notebook at sh 65, a ruler at sh 30 and an eraser at sh 15. She paid using a five-hundred shilling note.

How much balance did she receive?

- A. sh 390 B. sh 110
C. sh 610 D. sh 435

19. A clinic opens its doors at twenty-five minutes past two in the afternoon.

What is this time in the 24-hour clock system?

- A. 0225 h B. 1425 h
C. 1435 h D. 0235 h

20. The table below shows a travel timetable for a bus from town J to town L, through town K.

Town	Arrival time	Departure time
J	—	7.15 a.m.
K	9.45 a.m.	10.05 a.m.
L	1.20 p.m.	—

How long did the journey from town K to town L take?

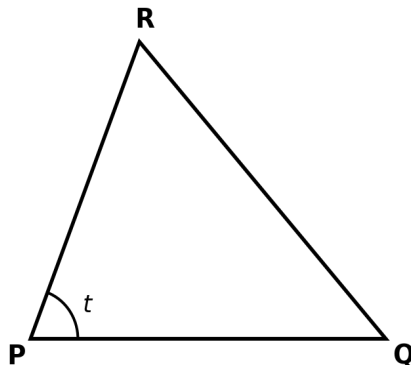
- A. 3 hours 15 minutes B. 3 hours 35 minutes
C. 6 hours 5 minutes D. 2 hours 55 minutes

21. A trader bought a bicycle for sh 8 400. She spent sh 600 on repairs and later sold it for sh 10 500.

How much profit did she make?

- A. sh 1 500 B. sh 2 100
C. sh 1 900 D. sh 2 700

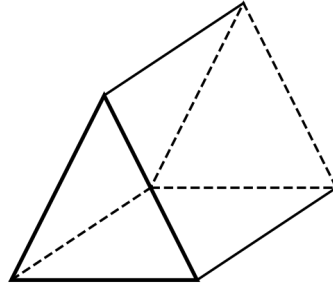
22. The figure below shows a triangle PQR drawn accurately. A learner used a protractor to measure the angle marked t .



What is the size of angle t ?

- A. 35° B. 55°
C. 70° D. 110°

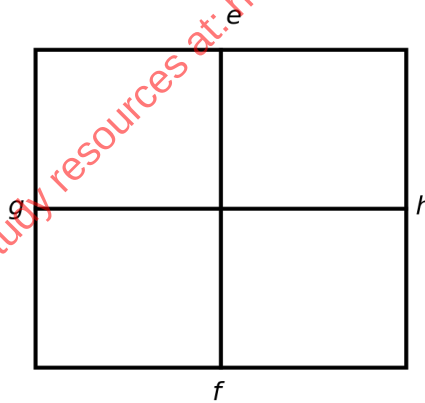
23. During a cleaning exercise, learners picked the following object made of two triangular ends joined by three rectangular faces, as shown below.



How many edges does the object have?

- A. 6 B. 9
C. 5 D. 12

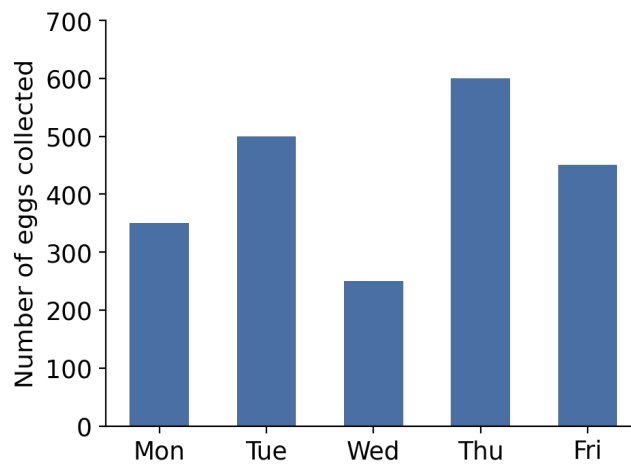
24. A carpenter joined pieces of timber to make a window frame as shown below.



Which of the following pieces of timber are perpendicular?

- A. e and f B. g and h
C. e and g D. f and h only, and g and h

25. The bar graph below shows the number of eggs a poultry farmer collected from Monday to Friday.



What is the difference between the highest and the lowest number of eggs collected during the week?

- A. 350 B. 250
C. 300 D. 150

26. The table below shows the number of learners who were treated for various ailments in a school dispensary during a term. Some information is missing.

Ailment	Tally	Number of learners
Headache		12
Stomach ache		—
Cold		9
Cuts		4

If a total of 31 learners were treated altogether, how many learners were treated for stomach ache?

- A. 6 B. 8
C. 10 D. 31

27. Mueni drew a quadrilateral with the following properties: all four sides equal in length, opposite sides parallel, and all four angles equal to 90° .

What shape did Mueni draw?

- A. Square B. Rectangle
C. Rhombus D. Trapezium

28. Juma and his sister Achieng picked a total of 84 oranges from their farm. Juma picked 20 more oranges than Achieng. Let the number of oranges Achieng picked be represented by letter n .

Which of the following equations correctly represents this information?

- A. $n + n + 20 = 84$ B. $n + 20 = 84$
C. $n - 20 = 84$ D. $2n - 20 = 84$

29. A matatu can carry a maximum of 14 passengers. The driver already had 9 passengers on board before picking more passengers at a stage. Let the number of additional passengers picked be represented by letter m .

Which of the following inequalities correctly represents this information?

- A. $9 + m \leq 14$ B. $9 + m \geq 14$
C. $9 - m \leq 14$ D. $m - 9 \leq 14$

30. Wanjiru had 24 identical small cubes. She used all the cubes to build a bigger solid cuboid measuring 4 cubes long, 3 cubes wide and 2 cubes high.

How many small cubes formed the bottom layer of the cuboid?

- A. 12 B. 24
- C. 8 D. 6

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