



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

MATHEMATICS

(for Regular learners, learners with Physical disability and Hearing Impairment)

Grade 4 – 2024

LEARNER'S NAME: _____

ASSESSMENT NUMBER: _____ **DATE:** _____

SCHOOL NAME: _____

Instructions to the learners

1. This paper consists of **25** Questions.
2. Answer **all** the questions.
3. Show all the working in the spaces provided below each question.

FOR ASSESSORS USE ONLY

The grid below is to be filled by the teacher after marking the learner's work. During uploading, the teacher to upload the number of questions correctly scored per sub-strand given.

Strand	Sub strands	Question number	Score	Performance level
Numbers	Whole number, addition, multiplication	1, 2, 3, 4, 5, 6		
	Subtraction, division, fractions and decimals	7, 8, 9, 10, 11, 12		
Measurement	Length, time and money	13, 14, 15, 16, 17		
	Area, mass, volume and capacity	18, 19, 20, 21		
Geometry, Data Handling and Algebra	Position and direction, angles, 2-D shapes, data, use of letters	22, 23, 24, 25		

This paper has 9 printed pages

Turn over

Answer ALL the questions by showing the workings in the spaces provided.

1. Salome wrote a cheque of sh 568 for a customer as shown.

///BANK CHEQUE No. 0001
DATE: _____

Amount in words: _____

Kshs. **568.00**

Write the amount of money on the cheque in words.

2. A teacher prepared the following number cards.



Which number is a multiple of 7?

3. Susan bought items for sh 978. She paid for the items using her mobile phone. Round off the money paid to the nearest sh 10.

4. A teacher gave the number cards shown to a group of learners.

459

431

475

424

468

Write the numbers in order from the largest to the smallest number.

5. There were 6482 books in the school library. A company donated 1356 more books to the library. How many books were there altogether?
6. A teacher gave 26 packets of crayons to his class. Each packet had 12 crayons. How many crayons did the class receive?
7. There were 5374 learners in a music festival. The number of boys was 2813. How many girls were there?

8. Jason had 7425 bricks. He used 1392 bricks to build a poultry house. How many bricks remained?
9. In a game, Peter and Carol had 72 sticks. They formed groups of 4 sticks each. How many groups did they form?
10. There are 5 male doctors and 6 female doctors in a hospital. What fraction of the doctors were female?
11. Learners recorded the heights of plants as follows:

1.43 m	1.34 m	1.28 m	1.47 m
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Arrange the heights of the plants in order from the shortest to the tallest.

12. Patel paid sh 169.78 for a litre of petrol. What is the place value of digit 8 in the number?
13. Juma measured Fatuma's height. He recorded the height as 1 m 55 cm. What is Fatuma's height in centimetres?
14. A *fundi* had a wire measuring 20 m 50 cm. He cut the wire into 5 equal parts. What was the length of each part of the wire?
15. Jack spends $1\frac{1}{2}$ hours playing a game. How many minutes does Jack spend playing the game?

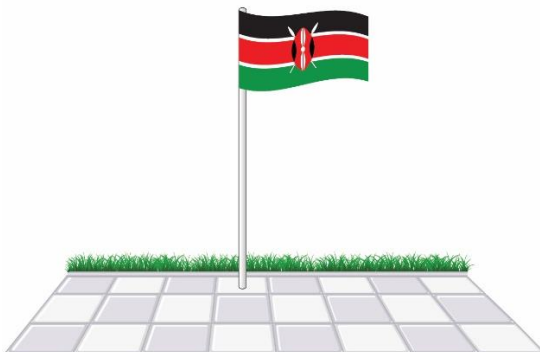
16. A farmer milks his cows after every 6 hours. He milked the cows at 10 a.m. What time will he milk the cows again?

17. The list shows the fees and bills that citizens of Kenya pay for services given.

- School fees
- Water bills
- Electricity bills
- Import bills

Underline the fees or bills paid to a county government in Kenya.

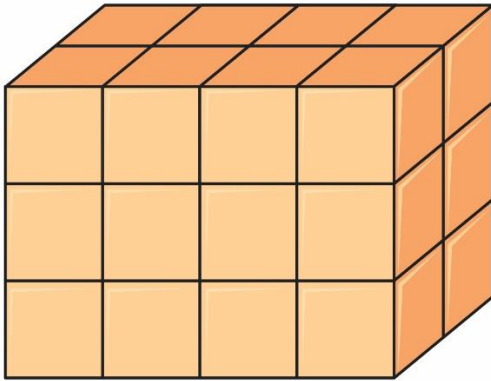
18. The space at the flag post is covered with square tiles as shown.



The area of the space as a multiplication sentence is

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ square units}$$

19. A worker arranged cartons of milk in a shop as shown.

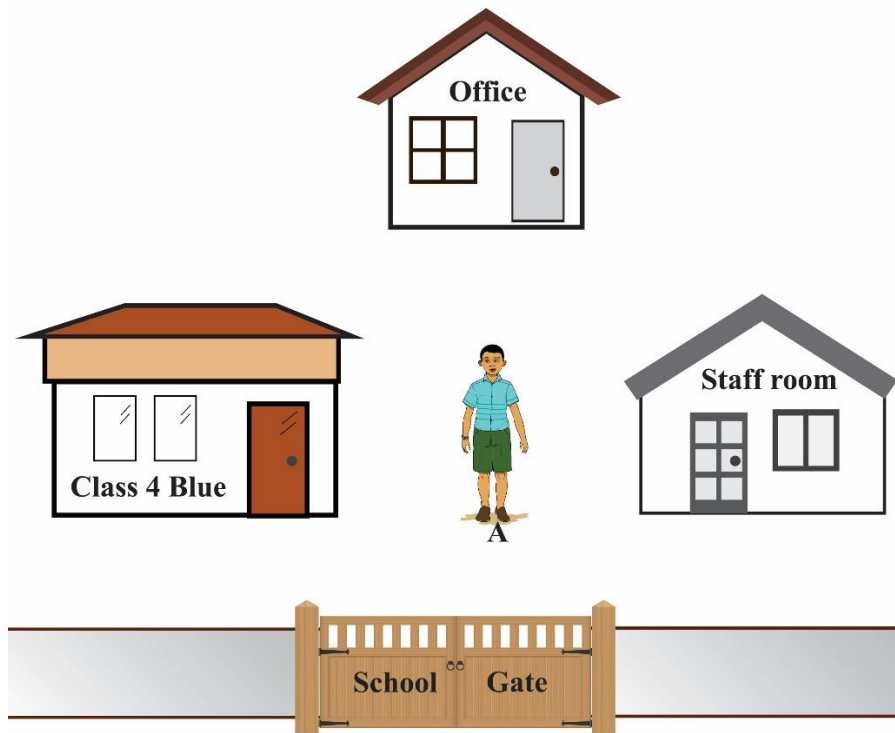


How many cartons of milk are there?

20. A factory produced 4875 kg of nails on Monday. It produced 2416 kg of nails on Wednesday. How many kilograms of nails were produced altogether?

21. A painter mixed 67 litres of yellow paint and 45 litres of blue paint to make a green paint. How many litres of green paint did the painter make?

22. Musa is standing at point A as shown.



He makes a quarter turn in the anticlockwise direction. Which object will he face?

23. There were some books in the school store. The school store received 246 more books. Let p represent the number of books in the store. Write an expression using p to show the total number of books in the store.

24. The table shows the number of people treated in a hospital for two days. Complete the table.

Day of the week	Tally marks	Number of people
Tuesday	<i> </i>	
Thursday		26

25. The teacher shall give you 9 cut outs of 3 different shapes. Make a pattern using all the cut outs.

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