



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

MATHEMATICS

(for Regular Learners, learners with Physical Disability and Hearing Impairment)

Grade 5 - 2024

LEARNER'S NAME: _____

ASSESSMENT NUMBER: _____ **DATE:** _____

SCHOOL NAME: _____

Instructions to the learner

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 numbers, addition, multiplication	1, 2, 3, 4, 5, 6		
	Subtraction, division, fractions and decimals	7, 8, 9, 10, 11		
Measurement	Length, time and money	12, 13, 14, 15, 16		
	Area, volume, capacity and mass	17, 18, 19, 20, 21		
Geometry, Data and Algebra	Lines, angles, 3-D objects, data representation and simple equation	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. The number of wild animals in a game reserve were 63095. Represent the number of animals in the place value chart shown.

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones

2. There were 7835 football fans in a stadium watching a match. Write the number in words.

3. Two bells ring at intervals of 30 minutes and 40 minutes. After how long will the two bells ring together?

4. A fundi had 6548 metres of fencing wire. He used 4796 metres to fence a shamba. Round off the numbers to the nearest hundred.

5. Learners planted tree seedlings in 242 rows. Each row had 87 seedlings. What was the total number of seedlings planted?

6. A group of 4 learners used an electronic weighing machine to measure their masses. Their masses were 42.345 kg, 42.435 kg 42.534 kg and 42.453 kg. Arrange the masses from the heaviest to the lightest.

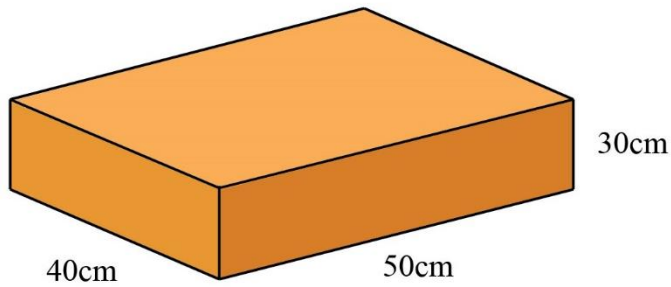
7. A nail factory produced 63924 kilograms of nails in the first week. In the second week, the factory produced 32509 kg of nails. How many more kilograms of nails were produced in the first week than the second week?

8. Moses bought $\frac{1}{4}$ kg of rice and $\frac{1}{2}$ kg of beans. What was the total mass of the items bought?
9. A teacher had 816 exercise books. He gave each learner 12 books. How many learners received the books?
10. A truck driver bought 500 litres of diesel. During a road trip, the truck used 134 litres 460 millilitres of the diesel. How much diesel remained in the tank?

11. Group A has 3 learners and Group B has 5 learners. Each group was given the same size of a cake and the learners shared their cake equally. Which group of learners received a bigger piece?
12. A field track is 400 metres. Kirui ran round the track 4 times. What distance did he cover in kilometres and metres?
13. A motorist travelled 43 km 525 m on a murram road. He then travelled 21 km 490 m on a tarmac road. What distance did he cover altogether?
14. Ereng took 4 minutes 15 seconds to win a short race. How long did he take in seconds to win the race?

15. A construction company tarmacked a road. The distance of the road was 42 km 570 m. What is the length of the road in metres?
16. Learners were discussing services provided by banks. Identify **two** services provided by the banks.
17. A welder used a rectangular sheet of metal to cover the top of a table. The area of the sheet was 1204 cm^2 and the width was 28 cm. What was the length of the sheet of metal?

18. A brick maker made a brick as shown.



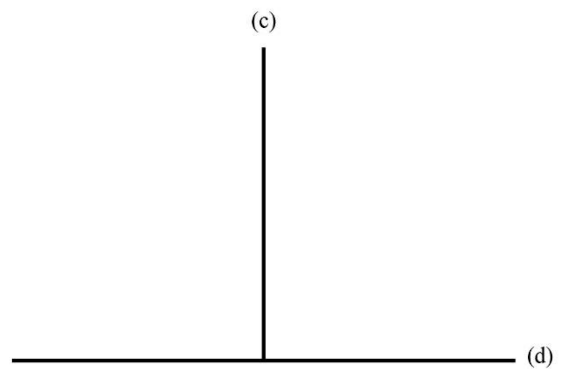
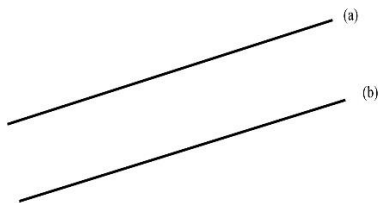
What is the volume of the brick?

19. A farmer harvested 450 kg 720 g of coffee beans. He packed the coffee beans equally in 5 bags. What is the mass of each bag?
20. Aisha bought a plastic water container labelled 210 litres. What is the capacity of the container in millilitres?

21. A carton of bar soap weighs 24 kg 720 g. Moses bought 8 such cartons.
What is the total mass of the cartons?

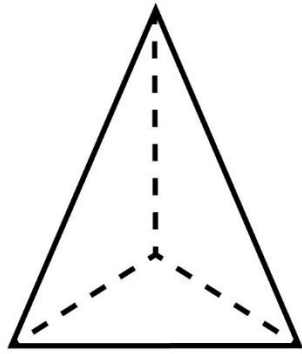
22. Ann has x books. John has 8 books. They both have 20 books altogether.
Write an equation to represent the information.

23. A teacher drew the following pairs of lines on the board.



Which pair of the lines are parallel?

24. A learner collected the following 3-D object in the school compound.



What is the name of the object?

25. Your teacher has provided you with unit angle cut outs. Measure the angle shown by the teacher using the unit angle cut outs.

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