



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

MATHEMATICS

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

Grade 5 – 2023

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 the sub strand given.

Strand	Sub strands	Question number	Score	Performance level
Numbers	Whole numbers, addition, multiplication	1, 2, 3, 4, 5		
	Subtraction, division, fractions and decimals	6,7, 8, 9, 10		
Measurement	Length, time and money	11, 12, 13, 14, 15		
	Area, volume, capacity and mass	16, 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.

Answer ALL the questions in the spaces provided.

1. A primary school received sh 478360 from the government. What is the total value of digit 7 in the number?
2. A farmer harvested 9478 kg of beans. Round off the number to the nearest thousand.
3. The population of two towns are 14738 and 72376. Round off each number to the nearest hundred. What is the sum of the rounded off numbers?

4. An SGR train had 23 coaches. Each coach carried 118 passengers. What is the total number of passengers the train carried when it was full?

5. A company paid sh 9658 as school fees for a needy student. Write the amount of money in words.

6. The number of men and women working in a county were 4385. There were 2763 women. How many men were there?

7. A teacher presented the following question to the learners.

$$\frac{5}{6} - \frac{2}{3} = \frac{\blacksquare}{\blacksquare}$$

Work out the answer.

8. Mwau harvested 552 avocado fruits. He packed the fruits in boxes. Each box had 12 fruits. How many boxes did he use?
9. The mass of two bags of cement was 50.275 kg and 49.824 kg. What was the total mass of the two bags?

10. A teacher displayed the chart shown to the learners.

1 whole					
$\frac{1}{2}$			$\frac{1}{2}$		
$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

What is the equivalent fraction of $\frac{4}{6}$?

11. A contractor constructs 4 km 940 m of a road every day. He made the road for 5 days. What distance did the contractor construct?

12. Auma took 38 minutes 30 seconds to cook rice. She also took 15 minutes 54 seconds to cook vegetables. How long did she take to cook rice and vegetables altogether?

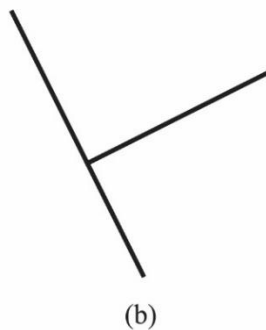
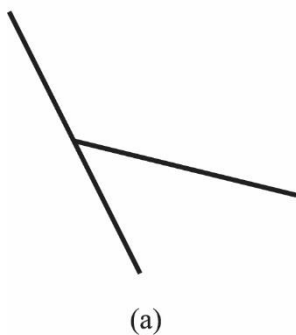
13. The distance from Kahora's home to the market is 3 km 400 m. Haraka's home is half way between Kahora's home and the market. What is the distance from Haraka's home to the market?
14. A bridge is 6 km 375 m long. What is the length of the bridge in metres?
15. The government collects taxes. Write **one** importance of tax to the government.
16. A cook in a hotel uses 4 kg 150 g of wheat flour to make chapatis every day. He made chapatis for 6 days. What was the mass of the wheat flour used?

17. A trader prepared 150 litres 600 millilitres of orange juice. She shared the juice equally among 50 needy families. What was the amount of juice each family got?
18. Sifa bought 8 packets of milk. Each packet holds 250 ml of milk. How many litres of milk did Sifa have altogether?
19. The volume of a wooden block is 9600 cm^3 . The length of the block is 40 cm and the width is 20 cm. What is the height of the block of wood?

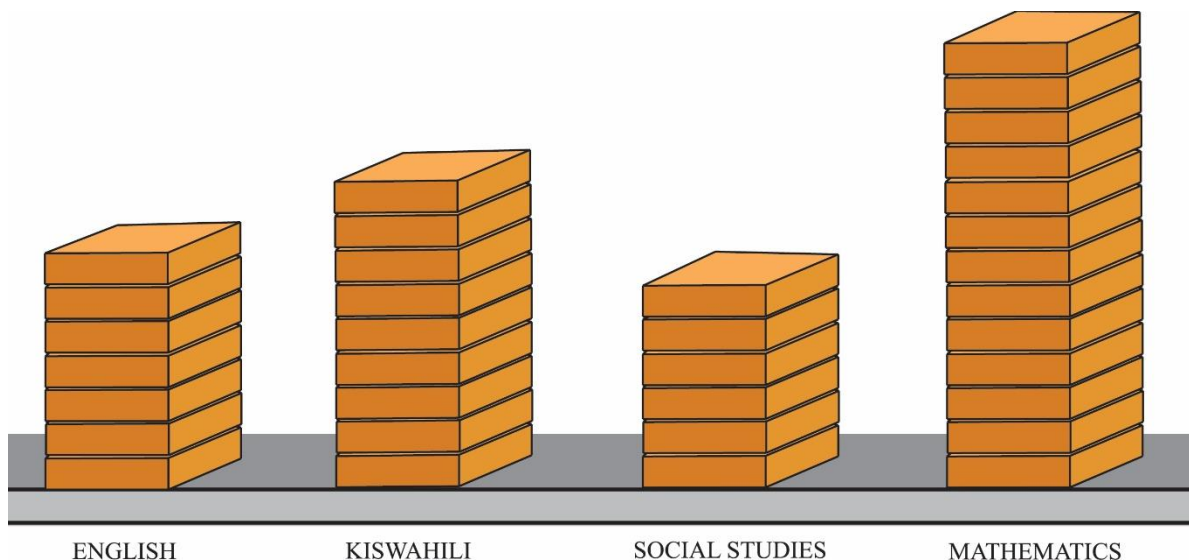
20. A carpenter cut a piece of timber with an area of 950 cm^2 . The length of the timber was 38 cm. What was the width of the timber?

21. A trader bought 146 kg of beans. She packed the beans into 8 packets of equal mass. What was the mass in kilograms and grams of each packet?

22. A teacher drew the following pair of lines. Which pair of lines represent perpendicular lines?



23. Learners collected data on their favourite learning areas. They represented the data as shown.



How many more learners like Mathematics than English?

24. Mauzo had some bananas. She sold 25 bananas and remained with 13 bananas. Use letter x to represent the number of bananas Mauzo had. Write an equation to represent this information.

25. The teacher has provided you with sets of items. Complete the table shown.

Name of item	Tally	Number of items

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