



THE KENYA NATIONAL EXAMINATIONS COUNCIL
SCHOOL BASED ASSESSMENT

MATHEMATICS

Grade 4 - 2026

**ADVANCE INSTRUCTIONS TO THE TEACHER FOR
REGULAR LEARNERS, LEARNERS WITH HEARING
IMPAIRMENT AND LEARNERS WITH PHYSICAL DISABILITIES**

Advance instruction to the teacher on the TASK 24

Set the time on the clock face to show **past** or **to** the hour. Show it to the learner and ask the learner to tell the time using **past** or **to** the hour.

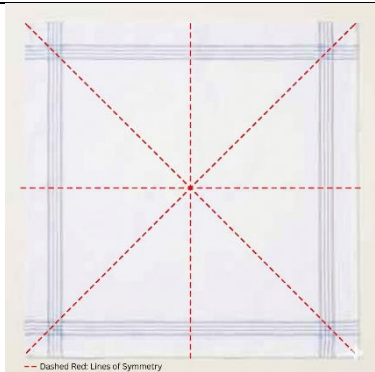
This Scoring guide consists of 10 printed pages.

Grade 4

Scoring Rubrics

Each question is awarded ONE mark.

Total marks is 25.

Question	Answer	Question	Answer
1.	Total value of digit 4 = 400 digit 3 = 30 Difference = $400 - 30 = 370$	12.	$28 \text{ min } 15 \text{ sec} \times 2$ $= 56 \text{ min } 30 \text{ sec}$
		13.	$sh\ 80 + sh\ 160 + sh\ 50 = sh\ 290$
		14.	Right angle
2.	IX	15.	$276 - 186 = 90 \text{ litres}$
3.	$2132 + 7489 = 9621$	16.	$12 \times 12 = 144 \text{ cabbages}$
4.	12, 36, 108, 324, 972	17.	$3 \times 3 \times 3 = 27 \text{ bricks}$
5.	$100 \times 13 = 1300 \text{ kg}$	18.(a) (b)	$35 \text{ kg} + 38 \text{ kg} = 73 \text{ kg}$
6.	$92 \div 6 = 15 \text{ remainder } 2 \text{ books}$		$73 \text{ kg} - 58 \text{ kg} = 15 \text{ kg}$
7.	$6\frac{1}{3} = \frac{19}{3}$	19.	$m \times o / o \times q / q \times s / p \times s / s \times m / p \times o$
8.	$\frac{3}{4} \text{ metres}$	20.	
9.	Hundredths		
10.	$9 \text{ cm} \div 100 = 0.09 \text{ metres}$		
11.	$32 \text{ m } 5 \text{ cm} \times 4 = 128 \text{ m } 20 \text{ cm}$		

Question	Answer												
21.	<table><tr><td>Colour</td><td>Red</td><td>Green</td><td>Blue</td><td>Yellow</td></tr><tr><td>Number of learners</td><td>2</td><td>3</td><td>2</td><td>3</td></tr></table>	Colour	Red	Green	Blue	Yellow	Number of learners	2	3	2	3		
Colour	Red	Green	Blue	Yellow									
Number of learners	2	3	2	3									
22.													
23.	$n - 8$												
24.	Award 1 mark for correct response.												

SCHOOL BASED ASSESSMENT 2026

GRADE 4

SCORING RUBRICS FOR MATHEMATICS

STRAND/sub strand	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
NUMBERS (9 questions) 1, 2, 3, 4, 5, 6, 7, 8, 9				
	Learner scores all the 4 questions	Learner scores any 3 questions	Learner scores any 2 question	Learner scores any 1 question
Whole numbers, Addition, Multiplication 1,2,3,4	- Writes Hindu Arabic numerals using Roman numerals up to 'X', and beyond, uses total value up to tens of thousands, identifies odd numbers effectively. - Adds up to two 4-digit numbers with double regrouping, multiplies up to a 2- digit number by a 2- digit number with	- Writes Hindu Arabic numerals using Roman numerals up to 'X', uses total value up to tens of thousands, identifies odd numbers correctly. - Adds up to two 4-digit numbers with double regrouping, multiplies up to a 2- digit number by a 2- digit number with regrouping and rounds off numbers to the nearest 10 correctly.	- Writes Hindu Arabic numerals using Roman numerals up to 'X', uses total value up to tens of thousands, identifies odd numbers with few errors. - Adds up to two 4-digit numbers with double regrouping, multiplies up to a 2- digit number by a 2- digit number with regrouping and rounds off	- Writes Hindu Arabic numerals using Roman numerals up to 'X', uses total value up to tens of thousands, identifies odd numbers with many errors. - Adds up to two 4-digit numbers with double regrouping and rounds off numbers to the

STRAND/sub strand	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
	regrouping and rounds off numbers to the nearest 10 systematically .		numbers to the nearest 10 with few errors .	nearest 10 with difficulties . Multiplies up to a 2-digit number by a 2-digit number with regrouping with many errors.
	Learner scores all the 5 questions	Learner scores any 4 or 3 questions	Learner scores any 2 questions	Learner scores any 1 question
Subtraction, Division, Decimals, Fractions 5,6,7,8,9	- Subtracts up to 4-digit numbers with single regrouping systematically. - Divides up to a 2- digit number by a 1- digit number without a remainder, writes fractions as part of a group, identifies place value of decimals, orders decimals	- Subtracts up to 4-digit numbers with single regrouping correctly. - Divides up to a 2- digit number by a 1- digit number without a remainder, writes fractions as part of a group, identifies place value of decimals, orders decimals correctly.	- Subtracts up to 4-digit numbers with single regrouping with few errors. - Divides up to a 2- digit number by a 1- digit number without a remainder, writes fractions as part of a group, identifies place value of decimals, orders decimals	- Subtracts up to 4-digit numbers with single regrouping with difficulties. - Divides up to a 2- digit number by a 1- digit number without a remainder, writes fractions as part of a group, identifies place value of decimals, orders decimals up to

STRAND/sub strand	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
	up to hundredths systematically.		up to hundredths with few errors.	hundredths with difficulties.
MEASUREMENT (11 questions) 10,11,12,13, 14, 15, 16, 17, 18(a), 18(b),24				
	Learner scores all the 6 questions	Learner scores any 4 or 5 questions	Learner scores any 2 or 3 questions	Learner scores any 1 question
Length, Time and money 10,11,12,13,14,24	- Converts metres to centimetres, works out division involving metres and centimetres systematically. - Converts units of time, works out time duration and identifies money that citizen pay to the county governments effectively.	- Converts metres to centimetres, works out division involving metres and centimetres correctly. - Converts units of time, works out time duration and identifies money that citizen pay to the county governments accurately.	- Converts metres to centimetres, works out division involving metres and centimetres with few errors. - Converts units of time, works out time duration and identifies money that citizen pay to the county governments with few errors.	- Converts metres to centimetres, works out division involving metres and centimetres with many errors. - Converts units of time, works out time duration and identifies money that citizen pay to the county governments with many errors.

STRAND/sub strand	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
	Learner scores all the 5 questions	Learner scores any 4 or 3 questions	Learner scores any 2 questions	Learner scores any 1 question
Area, Volume, Capacity and Mass 15,16,17,18(a),18(b)	Calculates area of squares as a product of number of rows and columns, works out volume of cubes, measures capacity in $\frac{1}{4}$ litre and adds capacity involving litres in real life situations systematically .	Calculates area of squares as a product of number of rows and columns, works out volume of cubes, measures capacity in $\frac{1}{4}$ litre and adds capacity involving litres in real life situations correctly .	Calculates area of squares as a product of number of rows and columns, works out volume of cubes, measures capacity in $\frac{1}{4}$ litre and adds capacity involving litres in real life situations with few errors .	Calculates area of squares as a product of number of rows and columns, works out volume of cubes, measures capacity in $\frac{1}{4}$ litre and adds capacity involving litres in real life situations with difficulties .

STRAND/sub strand	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
GEOMETRY, DATA HANDLING AND ALGEBRA (5 questions) 19,20,21,22, 23				
Position and direction, Angles, 2-D Shapes, Data and Use of letters, 19,20,21,22,23	Learner scores all the 5 questions	Learner scores any 4 or 3 questions	Learner scores any 2 questions	Learner scores any 1 question
	Identifies different types of angles in the environment, quarter turns in the environment and lines of symmetry, represents data using a frequency table and forms algebraic expressions effectively .	Identifies different types of angles in the environment, quarter turns in the environment and lines of symmetry, represents data using a frequency table and forms algebraic expressions correctly .	Performs any 2 of the following; identifies different types of angles in the environment, quarter turns in the environment and lines of symmetry, represents data using a frequency table and forms algebraic expressions with few errors .	Performs any 1 of the following; identifies different types of angles in the environment, quarter turns in the environment and lines of symmetry, represents data using a frequency table and forms algebraic expressions with difficulties .

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MATHEMATICS SCORING SHEET GRADE 4 - 2026**

S.No	Name of Learner	Sub strand Whole numbers, addition, multiplication Questions 1,2,3,4	Sub strand Subtraction, division, fractions, decimals Questions 5,6,7,8,9	Sub strand Length, time, money Questions 10,11,12,13,14, 24	Sub strand Area, mass, volume, capacity Questions 15,16,17, 18(a),18(b)	Sub strand Position and direction, angles, 2-D shapes, data, use of letters Questions 19,20,21,22,23	Comment
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