*Candidate's Number*_____

School's Name _____

*Region*_____

District _____

THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL OF TANZANIA
A SAMPLE OF PRIMARY SCHOOL LEAVING EXAMINATION

04E MATHEMATICS

Time: 2:00 Hours **Year: 2024**

Instructions

1. This paper consists of sections A, B and C with a total of **eight (8)** questions.
2. Answer **all** questions.
3. Show clearly all workings on the spaces provided besides each question.
4. All writings must be in **blue** or **black** pen, **except** drawings which must be in pencil.
5. Communication devices and any unauthorised materials are **not** allowed in the examination room.
6. Write your **Examination Number** and all other important information at the top right corner of every page.

FOR EXAMINER'S USE ONLY		
QUESTION NUMBER	**SCORE**	**EXAMINER'S INITIALS**
1		
2		
3		
4		
5		
6		
7		
8		
TOTAL		
CHECKER'S INITIALS		

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SECTION A (10 Marks)

Answer **all** questions in this section.

For each of the following questions, work out the answer in the space provided showing all work clearly.

No.	Question	Working Answer and Space
1.	(a) $36{,}457 + 53{,}442 =$	
	(b) $9{,}878{,}784 - 4{,}768{,}670 =$	
	(c) $212 \times 25 =$	
	(d) $9\frac{1}{3} \div 4\frac{2}{3} =$	
	(e) $80{,}000 \div 50 =$	

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No.	Question	Working Answer and Space
	(f) $50.025 - 25.997 =$	
	(g) $4\frac{1}{2} \times 5\frac{1}{3} =$	
	(h) $7\frac{1}{4} - 2\frac{1}{2} =$	

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No.	Question	Working Answer and Space
	(i) $(^{-}5)+(^{-}8)=$	
	(j) $0.456+270.975=$	

SECTION B (30 Marks)

Answer **all** questions in this section.

No.	Question	Working and Answer Space
2.	(a) Which digit has the place value of hundred thousands in the number 7,340,581?	

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No.	Question	Working and Answer Space
	(b) What is the place value of the digit "6" in 764,293?	
	(c) The amount of Baraka's monthly wage is 3,560,518 shillings. Write the nearest thousands of that payment.	
	(d) Find the sum of the two missing numbers in the following sequence: 2, 4, 6, ____, ___.	
	(e) A Primary School has a total of 840 cattle of which $\frac{1}{6}$ are heifers. How many heifers are there?	

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No.	Question	Working and Answer Space
	(f) What is the difference between 200,000 and 20,000?	
3.	(a) Jane, Asha, and Elia shared a fruit as follows: Jane received $\frac{1}{3}$ of the fruit, Asha received $\frac{4}{15}$ of the fruit and Elia received $\frac{2}{5}$ of the fruit. Arrange the fractions of the fruit in ascending order.	
	(b) The ages of Ethan, Lina, Abdallah, Natalia and Nadia are 3, 8, 15, 7 and 25 years respectively. Which of these children have ages that are prime numbers?	
	(c) Write the four next numbers in the following sequence: 50, 45, 40, ____, ____, ____, ____.	

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No.	Question	Working and Answer Space
4.	(a) Elisha bought a radio at sh 25,000 and sold it at sh 20,000. What was the percentage loss?	
	(b) A grandmother started watering her garden at 7:30 a.m and completed after 40 minutes. At what time did she complete the work?	
	(c) How many hours are there in 5 days?	

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No.	Question	Working and Answer Space
5.	(a) Find the difference between 15 grams 900 milligrams and 100 grams 100 milligrams.	
	(b) The length of a road is 45,000 metres. How long is the road in kilometres?	
	(c) An industry produces 22,400 kilograms of sugar per day. If the sugar is packed in 320 bags of equal weight, how many kilograms will each bag weigh?	

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No.	Question	Working and Answer Space
6.	(a) A school has 465 pupils who are boys. If the number of boys is one third of all pupils, how many pupils are there in the school?	
	(b) If $a = 1, b = 2$ and $c = 3$, find the value of the expression $5a + 2b - c$.	
	(c) If $N = 3k - 1$, where k is an integer, find the value of the number N when $k = 300$.	

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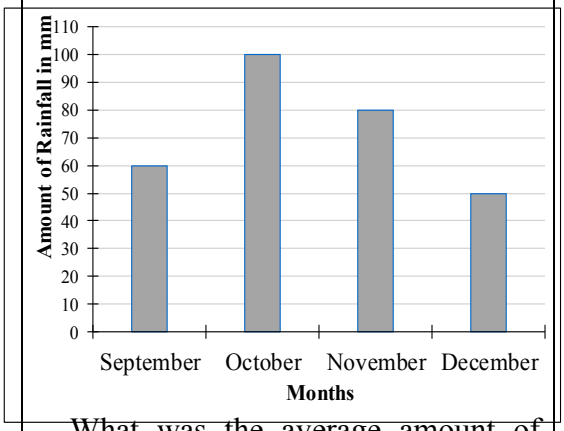
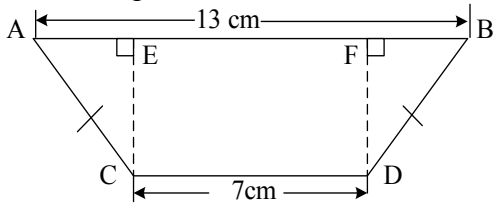
SECTION C (10 Marks)

Answer **all** questions in this section.

No.	Question	Working and Answer Space
7.	(a) The following chart shows the amount of rainfall from September to December at Kyerwa district:  What was the average amount of rainfall that rained in all months?	
	(b) The following table shows Juhudi's height from the age of 8 to 13 years: **Age (Years)** | 8 | 10 | 12 | 13 **Height (cm)** | 98 | 111 | 154 | 156 Between which ages the height was 1.3 metres?	
8.	(a) The following figure is a trapezium:  If its area is 80 cm^2, find the length of $\overline{DF}$.	

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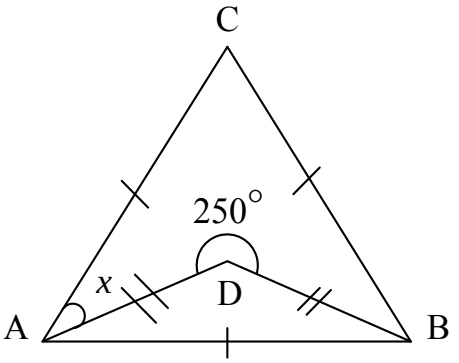
No.	Question	Working and Answer Space
	(b) In the following figure, ABC is an equilateral triangle:  If $\overline{AD}=\overline{BD}$, what is the value of x?	
	(c) The diameter of a cylinder is 28 cm. If its height is 50 cm, what is its volume in cubic centimetres? (Use $\pi = \frac{22}{7}$)	