

**THE UNITED REPUBLIC OF TANZANIA,
PRIME MINISTER'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENTS**



MARTIN LUTHER SCHOOL

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"High Quality Education for the New Generation"

MATHEMATICS – HOLIDAY PACKAGE JUNE 2026

STANDARD VI

PUPIL'S NAME: _____

INSTRUCTIONS

- 1. Remember to write your three names properly.**
- 2. Answer all the questions as per instructions.**
- 3. Read all questions carefully before answering.**
- 4. This holiday package should be returned to school when we open.**

NAME: _____ CLASS VI: _____

SECTION A: MATHEMATICAL OPERATIONS (20 MARKS)

Answer all questions in this section

NO	QUESTIONS	WORKING SPACE AND ANSWER
1.	$1200746 + 116452 =$	
2.	$4069 - 2693 =$	
3.	$1873 \times 302 =$	
4.	$21.343 + 22.4 =$	
5.	$\frac{3}{6} \times \frac{1}{4} =$	
6.	$\frac{8}{9} \div \frac{1}{5} =$	
7.	$3.24 + 4.17 =$	
8.	$34072 + 9476 + 37 =$	
9.	$2\frac{1}{3} \div \frac{2}{3} =$	
10.	$31083 \div 13 =$	

NAME: _____ CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
11.	$4\frac{4}{5} \times 2\frac{3}{4} =$	
12.	$-5 \times 10 =$	
13.	$0.078 \div 0.026 =$	
14.	$-3 + -4 =$	
15.	$\sqrt{(36 + 64)}$	
16.	$7.32 \times 3.5 =$	
17.	$18660 \div 12 =$	
18.	$+4 - (-8) =$	
19.	$(-3 - 6)^2 - 16 =$	
20.	$+144 \div -12 =$	

NAME: _____ **CLASS VI:** _____

SECTION B: WORD PROBLEMS (60 MARKS)

Answer all questions in this section

NO	QUESTIONS	WORKING SPACE AND ANSWER
21.	Write the place value of digit 4 in 9547202.	
22.	Write in numerals "nine million, twenty two thousand, nine hundred and thirty four"	
23.	An industry produces 3860 packets of biscuits per day. How many packets are produced in the month of December?	
24.	Eight regions in Tanzania mainland shared equally 268000 bags of maize seeds. How many bags did each region receive?	
25.	How many hundred thousand will you count from three million to four million and five hundred thousand?	
26.	Write the next two numbers after 18.25 by adding 0.65 successively.	
27.	Round off 3789854 to the nearest thousands.	
28.	How can 124.305 be written in expanded form?	

NAME: _____ CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
29.	Write three hundred and twenty two hundredths in numerals.	
30.	Convert 12.25% into a simple fraction.	
31.	A group has 24 members. If $\frac{1}{6}$ of all members did not attend the meeting, how many members were there?	
32.	Determine all the prime factors of 20 and list them.	
33.	If one hour is equal to 60 minutes, how many minutes are there in 7 hours?	
34.	How many 0.75 are there in 24?	
35.	Find the selling price of a book, if the buying price was 15000 shillings and was sold at a profit of 5%.	
36.	How many five hundred coins are there in twenty thousand shillings?	

NAME: _____

CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
37.	A technical school has 160 teachers. If $\frac{3}{4}$ are male teachers. What is the number of male teachers?	
38.	Olivia bought 20 bread @ 1200, 2 pens @ s. 350 and 4 exercise book @ sh.2500. How much money did she incur to buy all items?	
39.	What is the missing factor? If $56 = \square \times 4 \times 7$	
40.	What is the sum of 3.6 and $\frac{1}{2}$? Write your answer in decimal number system.	
41	The age of Magdalena is said to be the difference between the largest factor of 32 and the third factor of 4. What is her age?	
42.	Find the selling price of a book, if the buying price was 15000 shillings and was sold at a profit of 5%.	
43.	What is the $\frac{1}{8}$ of 32?	

NAME: _____

CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
44.	15 packets of the same weight weigh 187.5kg in total. What is the weight of each packet?	
45.	There are 40 pupils in a class. A Teacher chose only 0.2 of all pupils to clean the class. How many pupils did the teacher choose?	
46.	Which one is greater than the other between? $\frac{3}{7}$ and $\frac{5}{9}$.	
47.	Change 1040 hours into 12 hours format.	
48.	Write five hundred ninety nine thousand, eight hundred and sixty six shillings and sixty six cents in numeral.	
49.	Ali has Tshs.642576.78 in one bank and Tshs.2312144 .95 in another bank. How much money does she have in the two banks in total?	
50.	Mr. Engineer left home at 8:00 and come back home after 90 minutes. At what time did he come back?	
51.	Convert $3\frac{1}{3}\%$ into fraction.	

NAME: _____

CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
52.	Calculate the square root of 1296.	
53.	Three taps were leaking water. If the first, second and third tap released a drop after every 30,40 and 50 seconds respectively. At what time will they release the drops together again if they started by releasing the drops together?	
54.	I am a number; I belong to both prime and even. Which number am I?	
55.	What is the greatest number that can divide 15, 30 and 60?	
56.	A ranch has DCCL cows. Write the number of cows in Arabic numerals.	
57.	What is the next number in the series 1, 4, 9, 16, _____	
58.	Multiply 3km and 250m by 4	
59.	Write 12:00 midnight in 24 hours system.	

NAME: _____ CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
60.	A TV was bought at 450,000/= and sold at 370,000/=. Calculate and identify the loss or profit made?	
61.	Convert $\frac{17}{20}$ into decimal numbers.	
62.	If the fraction is given as $\frac{321}{32}$ How can it be written in mixed number?	
63.	How many days are there in 72 hours	
64	Mr. Johns salary increased by 20%. If he was earning shs. 400000/=, find his new salary.	
65	It is five o'clock in the evening. Write this time in figures.	
66.	In $3pq$ what is the coefficient of the expression?	
67.	Simplify $9m + 14n - 8m + 5n$	
68.	The sum of 3 consecutive numbers is 24. What are those numbers?	
69.	Simplify $18p^2c \div 2pc$	

NAME: _____

CLASS VI: _____

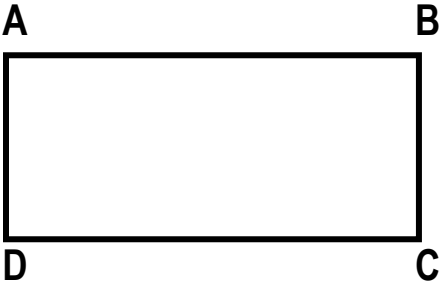
NO	QUESTIONS	WORKING SPACE AND ANSWER
70.	Anne was told to write the simple form of $3k \times 2k$. What could be the simplest form that she wrote?	
71.	Alice is 12 years younger than Asha. If the sum of their age is 70. What is the age of Alice?	
72.	The age of Furaha is $\frac{1}{2}$ of the age of her aunt. If the sum of their ages is 54 years, find the age of Furaha.	
73.	Solve for y in $\frac{2}{3y-4} = \frac{1}{3+y}$	
74.	Think of a number, multiply it by 5 and subtract four the results is the same as multiplying the number by two and subtract 1. What number is that?	
75.	A tank is half empty. How many litres are there in a tank, if its full capacity is 600 litres	
76.	Divide 61kg 200g by 5	
77.	A rope is 8m long. It has been cut equally to get 16 pieces. What is the length of each piece?	

NAME: _____ CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
78.	A truck has a weight of 6tons. How many kilograms are those?	
79.	A village officer had 41kg 360grams of beans. He gave the beans equally to 8 families. How much did each family get?	
80.	Naima failed 9 questions out of 50 questions in an exam. What is the percentage that she scored?	

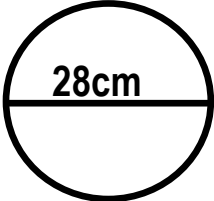
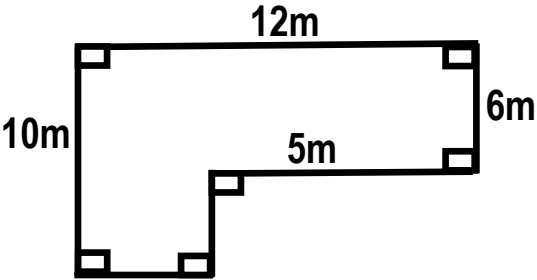
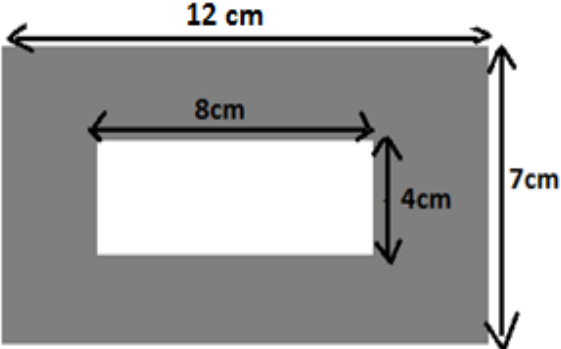
SECTION C: GEOMETRY AND STATISTICS (20 MARKS)

Answer all questions in this section.

NO	QUESTIONS	WORKING SPACE AND ANSWER
81.	Find the perimeter of the rectangular garden which has 21m length and 19m width.	
82.	A rectangle below has a perimeter of 32cm. If the length of BC is 6cm calculate the length CD. 	

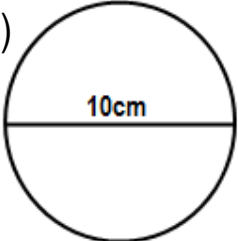
NAME: _____

CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER
83.	The perimeter of trapezium is 48 dam. If three sides of trapezium have length 10dam, 12dam and 6dam. Find the length of the fourth side.	
84.	One angle of an isosceles triangle is 130 degrees. Find the value of each of the remaining two angles.	
85.	Calculate the circumference of circle with a diameter of 14cm. (use $\pi = \frac{22}{7}$) 	
86.	The figure below, represents John's house built on his compound  Calculate the perimeter of John's house.	
87.	Find the area of the shaded part in the figure below. 	

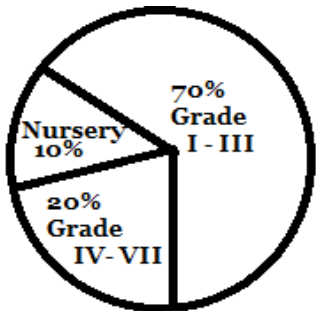
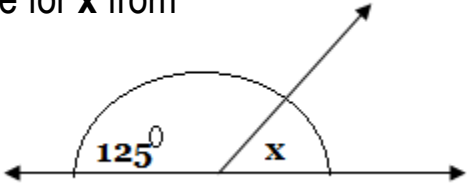
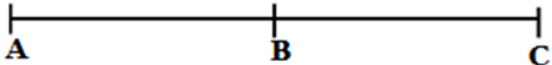
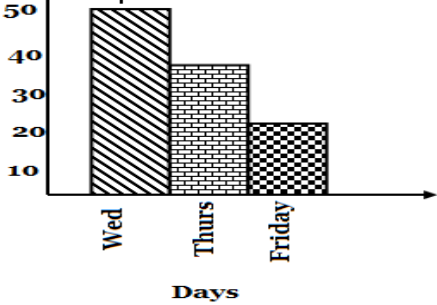
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CLASS VI: _____

NO	QUESTIONS	WORKING SPACE AND ANSWER												
88	Find the area of the circle below (Use $3.14 = \pi$) <div style="text-align: center;">  </div>													
89.	Which type of angle is greater than 180° and less than 360° .													
90.	What is the width of a rectangular block which is 28m long and has area of 448m^2 ?													
91.	In an examination a pupil got 96% in Kiswahili 100% in mathematics, 86% in civic and moral, 98% in science, 100% English and 60% in social studies. What is the average of that pupil's performance?													
	Study the table below the answer questions 92& 93 <table border="1" data-bbox="277 1314 875 1541" style="margin-left: 20px;"> <thead> <tr> <th>Pupils</th> <th>Pa ul</th> <th>Ibra</th> <th>Ro se</th> <th>Fatu ma</th> <th>Mu sa</th> </tr> </thead> <tbody> <tr> <th>Mass (Kg)</th> <td>48</td> <td>46</td> <td>49</td> <td>46</td> <td>45</td> </tr> </tbody> </table>	Pupils	Pa ul	Ibra	Ro se	Fatu ma	Mu sa	Mass (Kg)	48	46	49	46	45	
Pupils	Pa ul	Ibra	Ro se	Fatu ma	Mu sa									
Mass (Kg)	48	46	49	46	45									
92.	What is the difference between the highest and the lowest masses?													
93.	Find the average mass for Paul, Rose, Musa and Fatuma													
94.	The average of four numbers is 31. The first three numbers are 15,21, and 38. Find the fourth numbers.													

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NO	QUESTIONS	WORKING SPACE AND ANSWER
95.	How many lines of symmetry does Equilateral triangle have?	
96.	<p>A pie chart below shows a total of 1440 pupils of a certain primary school. How many pupils are there in grad I – III?</p> 	
97.	<p>Solve for x from</p> 	
98.	<p>How many line segments are in this figure below?</p> 	
99.	<p>Study the bar-graph below and then answer the questions that follows</p>  <p>If the class has 70 pupils, how many pupils did not attend on Friday?</p>	
100	Find the average of pupils attended on Wednesday, Thursday and Friday.	

"Education is my life (Proverbs 4:13)"

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