THE SIPRO BEGINNING OF TERM I EXAMINATIONS 2024 PRIMARY SEVEN MATHEMATICS

	Time Allowed: 2 Hours 30 Minutes			
Random No.	Personal No.			
Index No.				
Candidate's Name: Tr - Cop-	THE OKOT THEOFFREN			
Candidate's Signature:	0789918069			
School Random No:	0700907025			
District ID: LUWERD				

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

- 1. This paper has two sections: A and B.
- 2. Section A has 20 questions (40 Marks).
- 3. Section B has 12 questions (60 Marks).
- 4. Attempt all questions in both sections, All answers to both sections A and B must be written in the spaces provided.
- 5. All answers must be written in blue or black ball point pens or Ink. Only diagrams and graph work must be done in poncil.
- 6. Unnecessary alteration/crossing of work will lead to loss of marks.
- 7. Any handwriting that cannot be easily read may lead to loss of marks.
- 8 Do not fill anything in the boxes indicated

"FOR EXAMINER'S USE ONLY"

For Examiner's Use Only;

PAGES	MARKS	INITIALS
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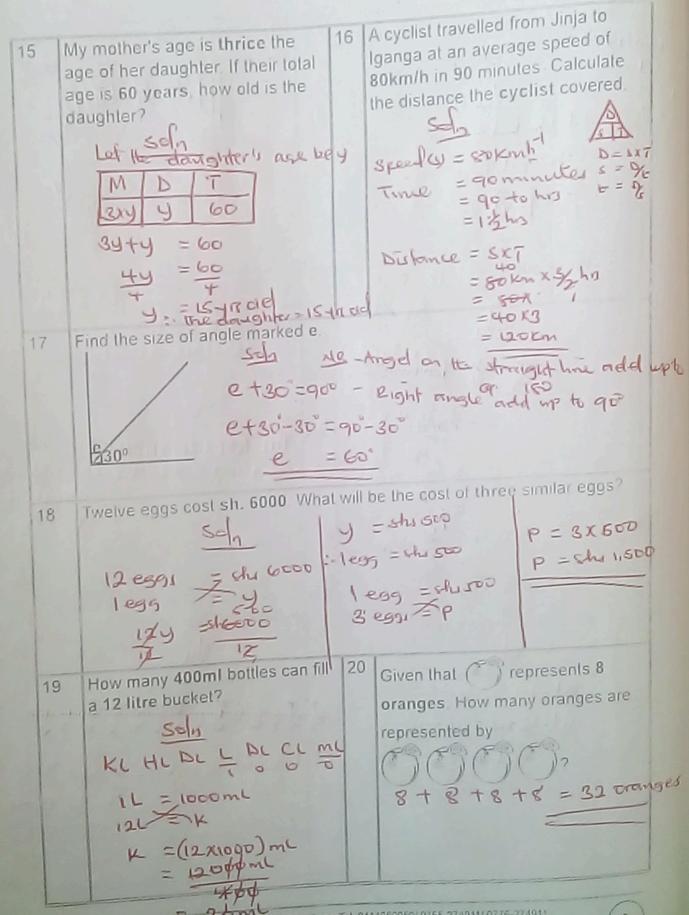
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SECTION	A:	40	MARKS
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1	SECTION A. 40 WIARNS					
Questions 1 to 20 carry two marks each						
1	Work out: 5 3 +1 6 3+6=9 5+1=6	2	Given that set K = (q, v, z). How many subsets has set K? Sch Ne of dements = 3 Ne of subsets = 2^n = 2^2 = 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
3	Write 9,019 in words. Nine thousand nineteen	4	What morning time is shown on the clock face?			
5	Kiiza bought a string of length 9,740cm. Express its length in metres. Im = 100cm y = 9,740cm 100 = 9,740cm	6	Complete the next number in the sequence below. 8, 9, 12, 18, 28, 43 +1 +3 +4 +10 15 +1 +3			
7	Using a ruler, a pencil and a protractor only, draw an angle of 130° Draw a straight line and mark the moderator at the centre of mark 130°	8	Mawale bought a shirt at sh 30,000 and later sold it making a loss of sh. 2000. Find his selling price. Sold Buying price = the 30,000 Loss = the 30,000 Selling price = Buying price - Loss = she 80,000 - the 20 shapped = she 80,000 - the 20 shapped = she 80,000 - the 20			

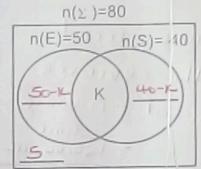
On the venn diagram below, shade Use >, < or = to complete correctly. the region that represents (V U Z)1 Courst interes 3+6 5+3 The following guests attended the Work out: 2 + 1 3 2 11 birthday party of Olivia on Sunday ## ## ## ## |||. How many guests attended the party? HH HH HH III 5+5+5+5+8 =23guest attended the party Arrange 4°c, *2°c, 5°c, *6°c and 0°c Solve for W in descending order. 13 W - 15 = 2034321012345678 W-15 =20 W-15+16=20+15 Descending order = Biggest to imalest W = 35 = 16, 12, 9, 4, -5



SECTION B: 60 MARKS

Marks for each part of the question are indicated in the brackets.

- In a class of 80 pupils, 50 pupils like English (E), 40 pupils like science (S) 5 pupils like none of the subjects and K pupils like both subjects.
 - a) Complete the venn diagram below using the above information. (03 marks)



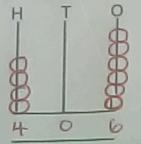
b) If a pupil is picked at a random, what is the probability of choosing one

- P(choosing one both = n(E)
 n(s ()
 = 15
 80
- 22 Given the digits 4, 0 and 6. K = 15 pupils
- a) Form all the 3-digit numerals from the given digits without repeating.

(02 marks)

 Find the sum of the largest and smallest 3-digit numbers.

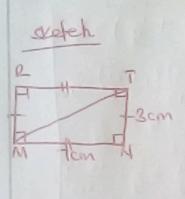
Show the simallest 3-digit number formed on the abacus. (01 mark)



(c)

2221 Work out years months 12 411	(02 marks)
23a) Work out years months 12+4 =	=1 0
2 9 16-9 =	-7
2 7	
	(02 marks)
b) Express 180 km/h to m/sec.	- conc
Sol Time in	second 50mls
Dupone in metre 1hr = 3	600 cel
1Km = 1000m	Sotime Horoffen
Isokn = y speed -	Time
y = (80,000 m =	+ touth
- Ida setton	3667
9 = 180,000110	
24. The figure below is of a rectangula	r tank containing water. Use it to
answer the questions that follow	
ATTENDED TO	77
1X///////	
	60cm
	+
40cm	
	The state of the s
a) Find the area of the shaded part. c)	How many litres of water does the
(02 marks)	tank hold when completely full?
Seh_	Soh (03 marks)
A = LXW	Nº of litre = volume
= 40 cm x 20 cm	1000cm3
	= 40cmx ao un Xe
= 800cm²	
	1000cm2
	= 48000 cms
	1 pgg cmo
4	= 48 Cities

25a) Using a ruler, a pencil and a pair of compasses only, construct a rectangle MNTR where line MN = 7cm and line NT = 3cm (04 marks)



b) Draw a diagonal MT and measure angle TMN.

(02 marks)

Angel TMN = 45°

Sserunjogi went to the shop and bought the following items:

12 apples at sh. 2200 every 2 apples.

 $2^{1 \text{litres of cooking oil at sh. 6000 per litre}}$

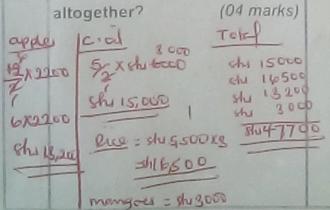
3kg of rice at sh. 5500 per kg.

5 oranges at sh. 3000.

How much did he spend a)

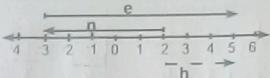
b) If he had a note of fifty thousand shillings. What was his change?

(02 marks)



27a) Work out: 0 12 x 0 36 0 04 x 0 3 (03 marks) 554 0 12 x 0 36 - 12 x 86 - 4 x 8 0 04 x 0 3 100 100 100 100 100 100 100	(37, + 1/3) - 1/2
	9+4-6 12 13-4 13-4 = 7/2
α= 4 ρ= 4	
2a + 3p = (2xa) + (3xp) $= (2xb) + (3x4)$ $= 12 + 12$ $= 24$	
b) Sarah thought of a number. She su the difference was 3 Lef the ne he y y-8 = 3	btracted 8 from it. Find the number if (02 marks)

Use the number line below to answer the questions that follow.



Write the integers represented by the arrows (03 marks)

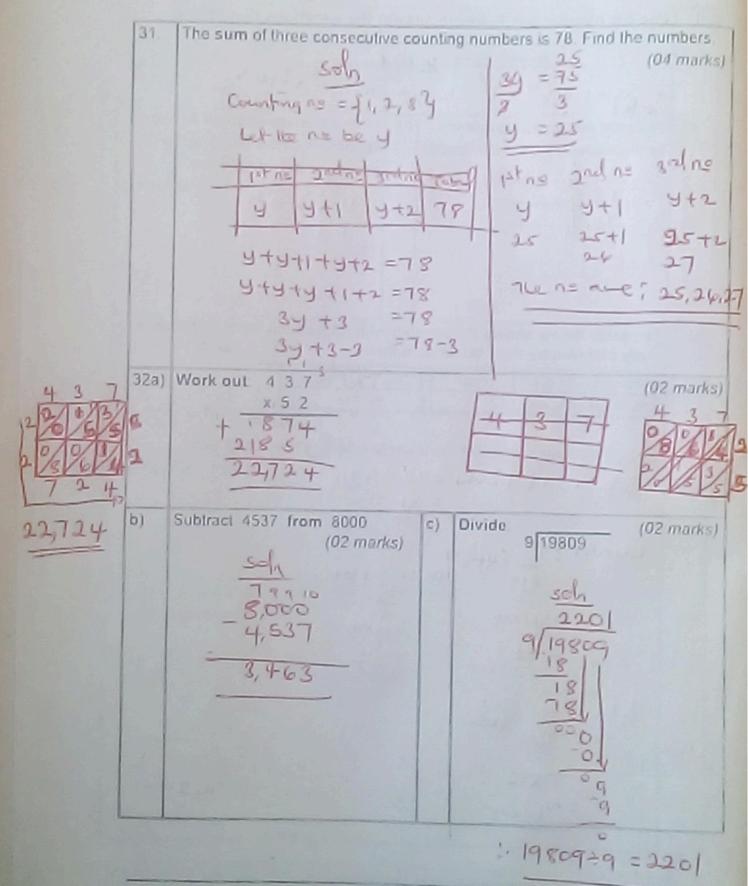
Form the mathematical additional (b) statement for the above arrows shown on the number line

The table below shows the number of books which were distributed to three children by their father as follows:

Name of children	nildren Doreen		Paul	
Number of books		9	15	

Show the above information on a circle graph of radius of 3.5cm.

(05 marks)





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