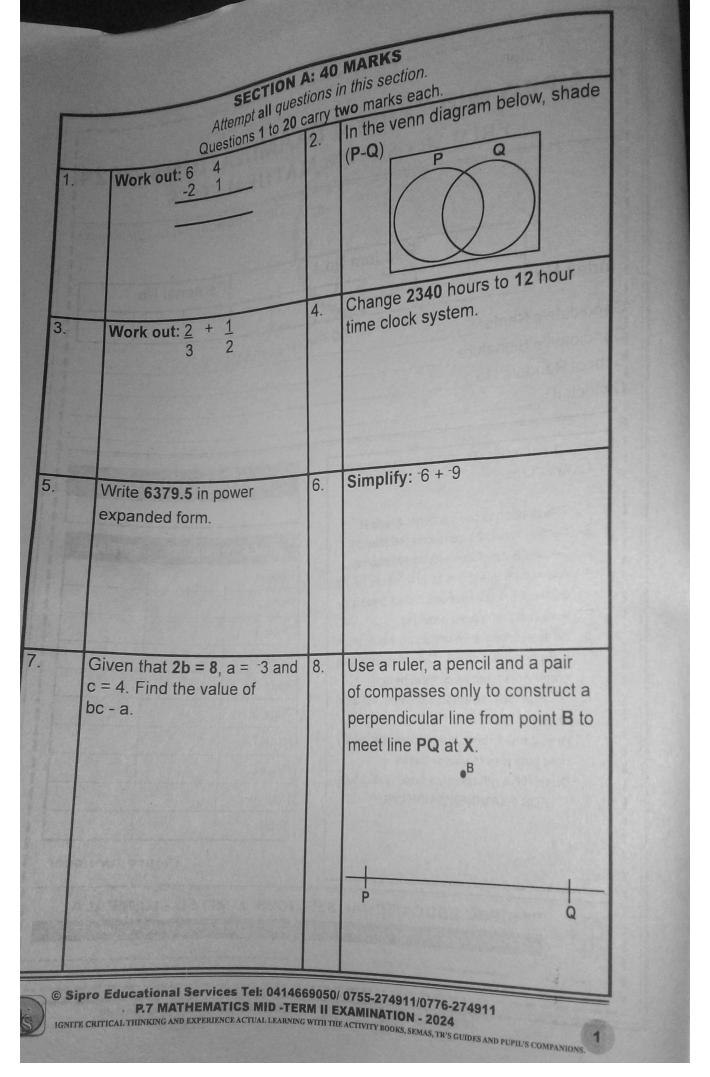
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Candidate's Name:	SECTION SECURITION SECTION
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READ THE FOX	1
READ THE FOLLOWING INSTRUCTIONS For Examiner's Use O	niy;
	CKES
 This paper has two sections: A and B. Section A has 20 questions (40 Marks). PAGES MARKS IN	ITIALS
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. Page 2	
5. All answers must be written in blue or black	
ball point pens or ink. Only diagrams and graph work must be done in pencil. Page 4 Page 5	
. Unnecessary alteration of work will lead	
to loss of marks.	
Any handwriting that cannot be easily read may lead to loss of marks.	
Do not fill anything in the boxes indicated: Page 8	
"FOR EXAMINER'S USE ONLY" Page 9	
Total	
Total	

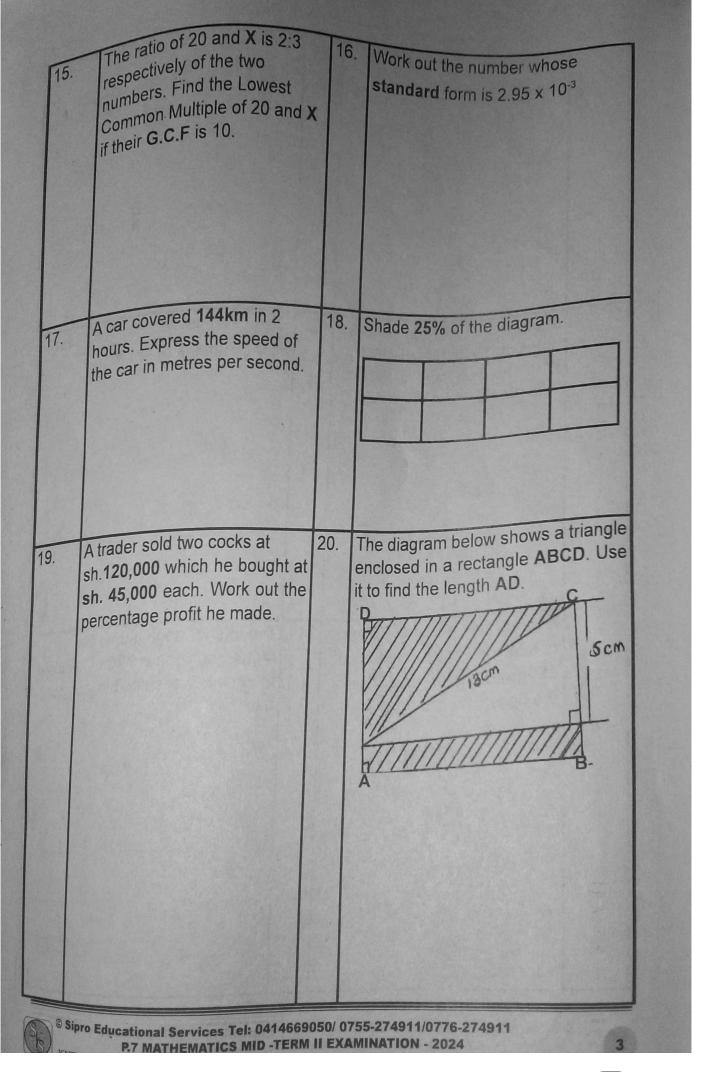


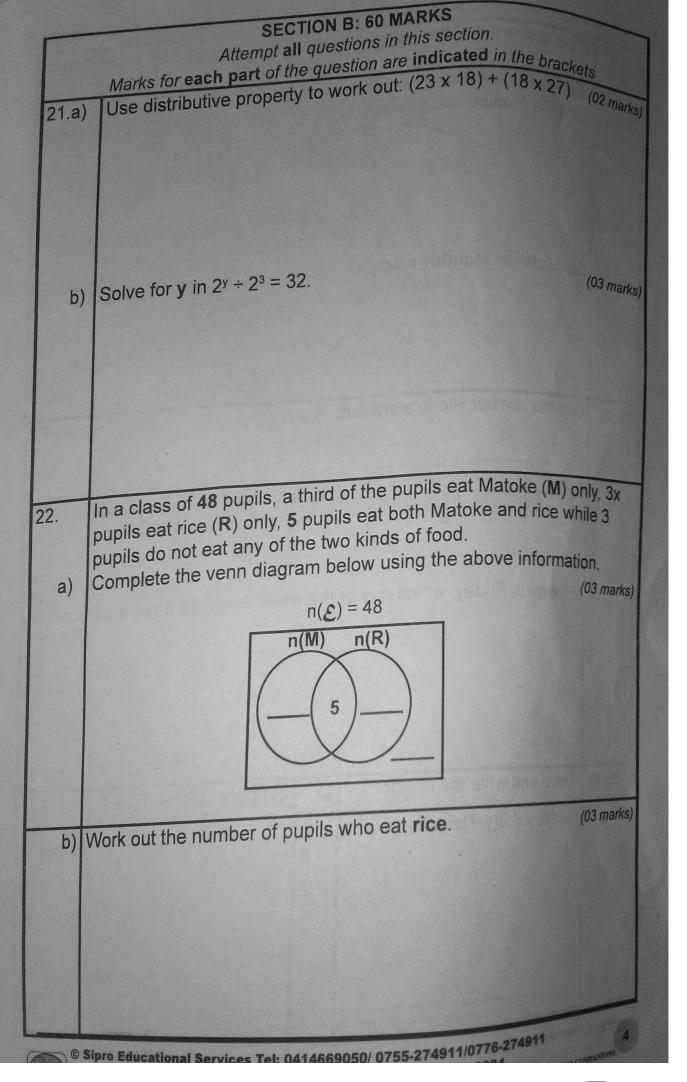
9.	Write CCIX in Hindu-Arabic numerals.	T10.	Work out the mean of 4p + 3,7,5, 2p and 15 + 4p.
11.	Mariam banked 20 consecutive notes of fifty thousand shillings. Find the first note if the last was numbered AY6746586.		Given that set M = {a, b, c}; List all the subsets of set M .
13.	A trader has a bag of 25kg of rice. How many packets of 250gm does he need to pack the rice?	14.	The interior angle sum of a regular polygon is 720 °. Calculate the number of sides the polygon has.

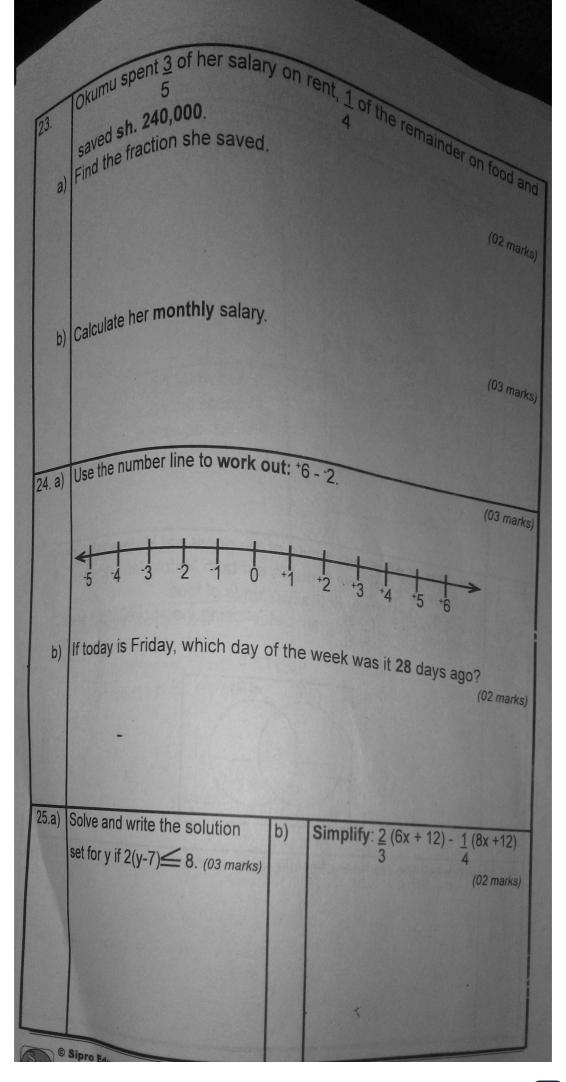


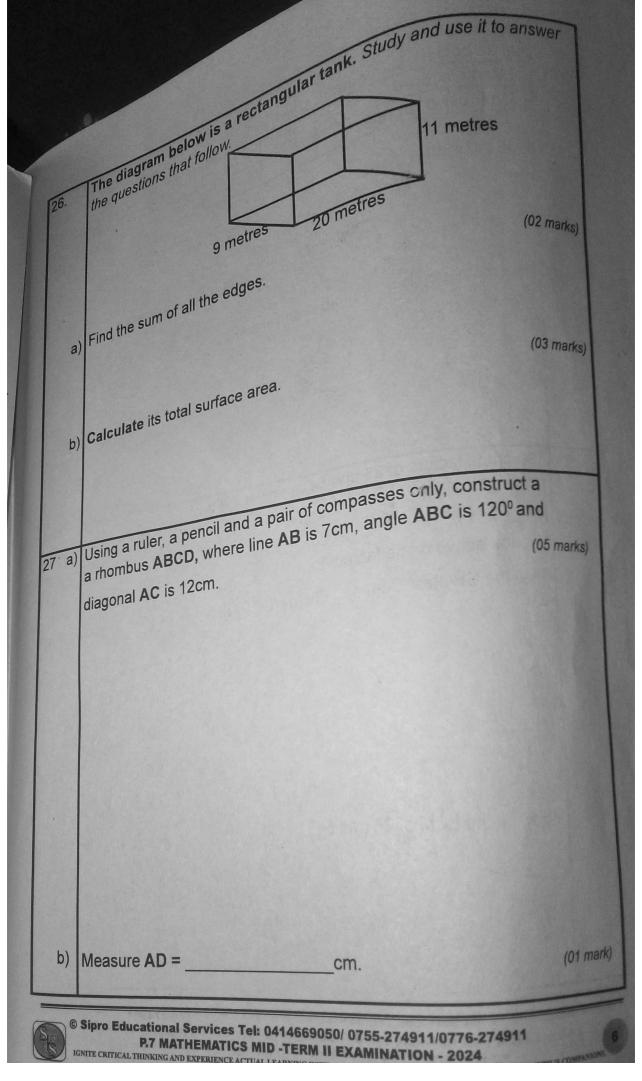
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IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS.

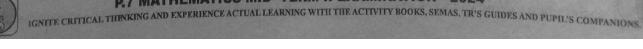








28.	The table below shows marks score sat a special examination. Use it to a Marks scored 90 Number of pupils 2	ed and	nu- i		
	Marks scored 90	nswer	the questi	f pupils	s who
	Number of pupils 2	08	75	60	1
		3	4	3	
a)	Find the modal mark.				(01 mark)
b)	How many pupils scored above the av	erage r	mark?		(03 marks)
					60 (9
29.	The prime factors of 36 and 54 are give	n helov	۸۲:		
	$PF_{36} = 2^2 \times 3^2$	in pelov	V,		MEU LE
	$PF_{54} = 2^1 \times 3^3$				nd 5
	Use the above prime factors to:				gsib .
a)	Find the Greatest Common Factor (GC	`E) of 3	6 and 54		(02 marks)
۵,	The are executed common ractor (oc	<i>y</i> 1 <i>y</i> 01 0	o dila		
					(02 marks)
b)	Nork out the LCM of 36 and 54.				(
9.6	pro Educational Services Tel: 0414669050/ 0	755-27	4911/0776	-27491	1 4 4 4 4 4 4 4 4



The diagram ABD is a triangle, line ABC is a straight line, angle ADB is The diagram ABD is a triangle, line by twice angle ADB. Study X + 15°, angle DBC is 108° and angle DAB is twice angle ADB. Study 30 and use it to answer the questions that follow. 108° Work out the size of angle DAB Find the value of x in degrees. b) (03 marks) (02 marks) The table below shows different denominations, number of notes 31 and amount. Study and use it to answer the questions that follow. Complete the blank spaces. **Denominations** Number of notes Amount sh.5000 200 notes sh. sh. 10,000 notes sh.1,000,000 sh. 50 notes sh.1,000,000 sh.50,000 notes sh. TOTAL sh. 8,000,000 (05marks

