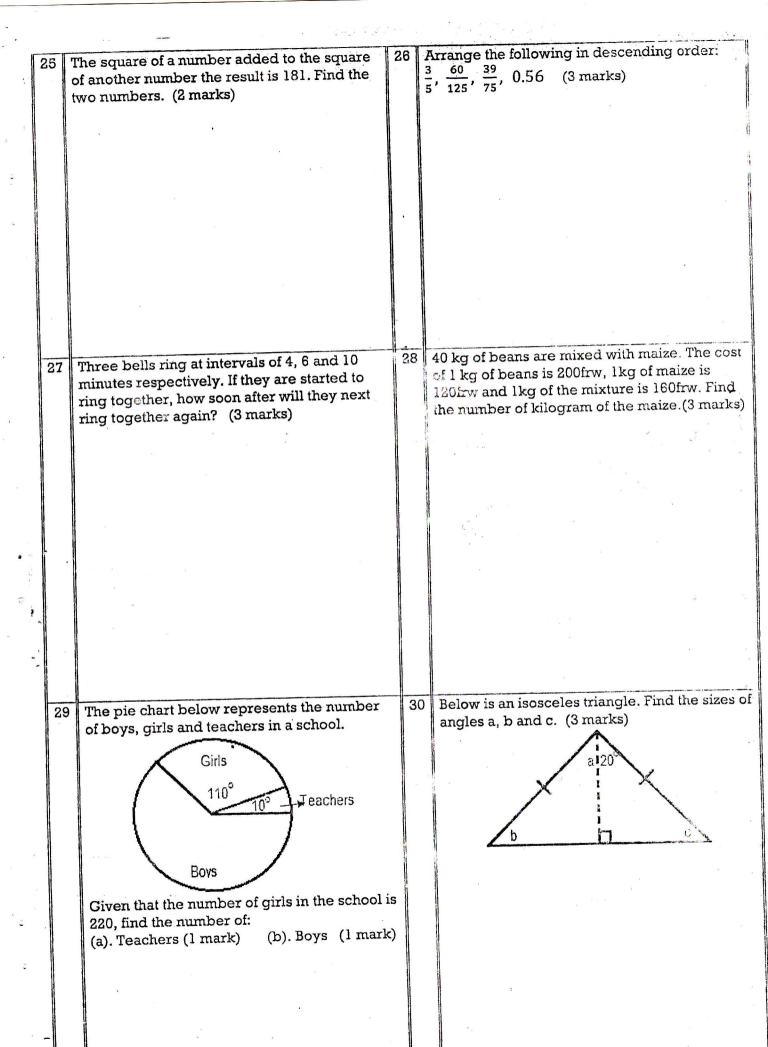
(C)										
	PUPIL'S COMPLETE INDEX NUMBER  Province/City District Sector School Pupil									
	PUPIL'S FULL NAME									
		SUR NAME:								
		OTHER NAMES:								
	REVISION OF EXTRACTED QUESTIONS FROM PRIMARY LEAVING EXAMINATION 2005 MATHETATICS									
	45	Duration: 2	hours							
ı		SECTION A (65								
	1	Simplify completely: $\left(2\frac{1}{3} \times \frac{9}{14}\right) + \frac{3}{4}$ (2 marks)	Solve: $8x - 7 = 2x + 5$ (2 marks)							
		Divide 10,000kg in the ratio 3:7 (2 marks) 4	Calculate the HCF of 45 and 60. (2 marks)							
	3	Divide 10 000kg in the ratio 3:7 (2 marks) 4	Calculate the fiel of 45 and 66. (2 maxes)							
	u .									
	5	Remove the brackets and simplify the following: $4(m-3n+3)-3(m-n+4)  (2 \text{ marks})$	Find the value of x in the diagram below (2 marks)							
			143							

			u	
	7	Calculate the area of a triangle whose height	8	<b>Divide 0.8 ÷ 0.05</b> (2 marks)
1		is 10cm and base is 6cm. (2 marks)		
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	9	Find the simple interest on 240 000 frw for 8	10	Calculate the circumference of a circle whose
		months at 5% interest rate per year.(2 marks)		radius is 5cm. ( $\pi = 3.14$ ) (2 marks)
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1	1	In the figure below, line AB is parallel to line	12	The volume of a metal is 12cm³ and it's weight
		CD. Find the values of m and n. (2 marks)		is 96g. Find the density of the metal. (2 marks)
		4 30° B		,
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		8		
-	3	Calculate: $\frac{1}{2}$ of $162 + 0.2$ of $80$ (2 marks)	14	The total surface area of a cube is 24cm <sup>2</sup> .
-		Calculate: $\frac{1}{9}$ of $162 + 0.2$ of $80$ (2 marks)	1	Calculate the volume of the cube. (2 marks)
		<i>:</i>		
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			1	
-,	F	A person walks 6km in 50 minutes. Find the	16	John's salary is increased by 3%. Calculate his
1	.5	speed and express the answer in metres per	10	new salary if the salary increase is 9000frw.
		second. (2 marks)		(2 marks)
		Dogonia (Laniana)	-	, , , , , , , , , , , , , , , , , , , ,
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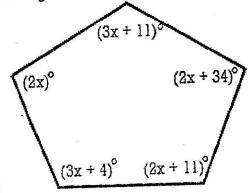
1,7	Write the next two numbers in the sequence:	18	A trader pays 60 000frw for a bicycle and then sells it at 75 000frw. Find the percentage profit. (2 marks)
	2, 5, 10, 17, 28,, (2 marks)		
		20	
19	Calculate the perimeter of a rhombus whose side is 5cm. (2 marks)	20	The average of 3, 5, 7, 8 and x is 5. Find the value of x (2 marks)
		7	
21	A tray of 30 eggs costs 1500frw. Calculate the cost of a dozen eggs. (2 marks)	22	Complete the table below       (2 marks)         2       4       5       10         5       9       19       21
	v.		
1 I			
23	4 boys eat some food for 9 days. How long does it take 6 boys to finish the same food? (Assume all boys eat equal shares) (2	24	If $m = 2$ , $p = 3$ and $n = 4$ , find the value of: $m^2p - 2np$
23	does it take 6 boys to finish the same food?	24	If $m = 2$ , $p = 3$ and $n = 4$ , find the value of: $m^2p - 2np$
23	does it take 6 boys to finish the same food? (Assume all boys eat equal shares) (2	24	If $m = 2$ , $p = 3$ and $n = 4$ , find the value of: $m^2p - 2np$
23	does it take 6 boys to finish the same food? (Assume all boys eat equal shares) (2	24	If $m = 2$ , $p = 3$ and $n = 4$ , find the value of: $m^2p - 2np$



## SECTION B (Choose any 5 questions-35 marks)

- 31 The marks of 25 pupils in a test marked out of ten are: 5, 5, 4, 1, 5, 1, 5, 1, 3, 7, 5, 4, 6, 4, 2, 0, 3, 7, 5, 4, 4, 0 5, 0, 3.
  - (a). Draw a frequency table using this information. (4 marks)

- (b). Calculate the average mark. (3 marks)
- 32 The figure below is of an irregular polygon. Find the size of each angle (7 marks)



A trader banks 250 000frw at 9% per year compound interest rate. The interest is calculated every 4 months. Find the amount of money in the bank at the start of the year. (7 marks)

(c). Calculate the volume of the cuboid

(2 marks)

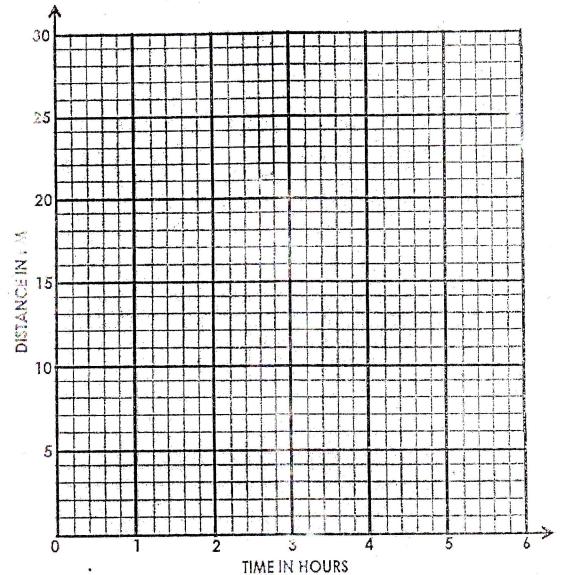
(b) Calculate the total surface area of the cuboid

(3 marks)

37 The tall below shows the time taken and distance covered for a person travelling at a constant speed.

Time(hours)	1	3	5	6
Distance(km)	5	15	25	30

(a). Use the table and draw the graph of this movement. Use the graph paper below. (S marks)



(b). Find the time taken to cover 23km from the graph. (1 mark)

(c). Find the distance covered in 1 hour 24 minutes.(1 mark)