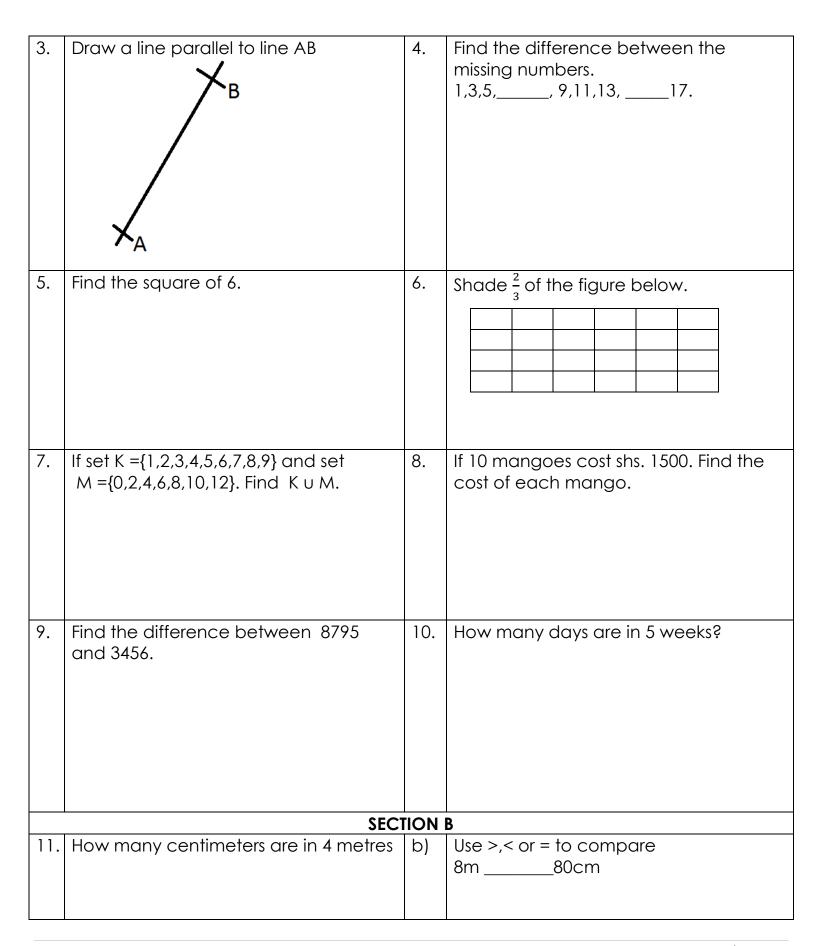
SELF —STUDY PRIMARY MATHEMATICS FOR LEARNERS, PARENTS **AND TEACHERS** THIS BOOK IS DESIGNED TO HELP THE LEARNERS WITH REVISION THROUGH OUT TERM II.

NAME OF PUPIL:		-
STREAM:		
WRITTEN BY KA	LIBO DAN	

	TEST ONE							
1.	Add: $\frac{3}{4} + \frac{1}{4}$	2.	What is $\frac{2}{3}$ of 36?					
3.	In a class, $\frac{6}{10}$ of the pupils are boys. Find the fraction of girls.	4.	In the figure below, shade AnB. A B					
5.	Given that set P={a,b,c,d,e,f,g} and set Q = {a,e,i,o,u}. Find P u Q.	6.	Write the place value of each digit in 3645					
7.	Write down the value of each digit in 7895	8.	Workout: 89, 764 – 34, 567					
9.	Find the sum of 2,345 and 45,698.	10.	Find the sum of the next numbers in the sequence below 0,2,4,6,,10,, 14,18,20.					
11.	John had shs. 34500 and he was	ION	James had shs. 43000. David had					
11.	added more shs.79500. how much money has he altogether?	b)	shs.52000. How much more did David have than James?					

c)	A boy bought 5 sets at shs. 1450 each. How much money did he spend altogether?
12.	Collect the like terms and simplify.
a)	8y +2a + y +a b) 4n -2y +5n -y
σ _γ	
c)	9p+8k-p+k
d)	Given that a =2 and b =3. Find the value of 5b – 3a
13.	Studty the magic square below.
	a) Find the magic sum.
	17 19 '
	14
	9 15
b)	Fill in the above magic square.
	TEST TWO
1.	In the space below, draw a square. 2. How many lines of folding symmetry
'	has a rectangle? (draw and show)



c)	How many half litre bottles of parrafin are in a 5 litre jerrycan?				
12.	Convert 210 days to weeks.	b)	How many months are in 7 years?		
c)	Write the time in hours , minutes and seconds.	d)	Draw a clock face and show aquarter to 4.		
13.	On a farm, there are 289goats and 567 cows. How many animals are on the farm?	b)	How many more cows are on the farm than goats.		
c)	If each cow produces 20 litres of milk a farm?	day,	how much milk are collected on the		

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ILVI	ΙП	ΚI	۲E

1. Out of 52 pupils in primary five, $\frac{3}{4}$ have personal drivers while the rest are picked by their parents. How many learners are picked by their parents?

2. Shade $\frac{5}{8}$ in the figure below.

3.	Write $\frac{5}{10}$ in words
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4. Workout: 456 x 4

5. Set Q ={a,b,c}. list all the subsets of set

6. Construct an angle whose supplement is 120°

7. How many minutes are in $\frac{1}{3}$ an hour?

- 8. How many hours are between 9.30am and 11.10am?
- Workout: 23_{five} + 14_{five}

9.

10.	Find the GCF of 36 and 24		
	\$ECT	ION	
11.	James is 10 years younger than David w		
a)	How old is james?	b)	Find their total age.
α _j	Tiow old is juilles?		Tilla meil lotal age.
c)	How old was David 13 years ago.		
12.	Find the sum of all the first 5 prime	b)	Set X ={composite numbers less than
	numbers.		20}. How many members are in set X?
c)	Find the next number in the sequence:	.4.9.	16, 25.
- 1		, ,,,,	,,
10	Circus the average and 2450		
13.	Given the numeral. 3458	lo \	
a)	Write the above number in words.	b)	Find the sum of the value of 3 and 5 on the above numeral.
			The above nomeral.
			I and the second se

C)	Show the above number on the abacus.	d)	Round off the above number to the nearest thousands.
	TEST	FOU	IR .
1.	Convert $\frac{22}{5}$ to a mixed fraction.	2.	Change $9\frac{3}{7}$ into improper fraction.
3.	Write the next two fractions equivalent to $\frac{5}{7}$.	4.	Use >,< or = to compare $\frac{3}{4} - \frac{4}{5}$
5.	How many years are in 72 months?	6.	Using a pencil a ruler and a pair of compasses only, construct an angle of 60°.

7.	If represents 15 balls, how many balls are represented by	8.	Add 3 + 5 using a numberline.
9.	Convert 26kg to gramms.	10.	Find the area of a rectangle whose length is 18m and width 9m.
		ION	
11.	On a farm of 40 animals, $\frac{2}{5}$ are sheep, $\frac{3}{10}$	are g	goats and the rest are cows.
a)	Find the number of goats on the farm.	b)	How many sheep are on the farm?
c)	How many cows are on the farm?		
12.	Using a pencil a ruler and a pair of com of length 5cm.	passe	es only, construct an equilateral triangle

b	Fin	d its perimete	er.			
13.		ch day.	v shows the		of trees p	olanted by a farmer in Sironko district
		Mon				
		Tue				
		Wed	3		5	
		Thur				
		Fri				
			Represe	ents 20 tro	ees.	
a)	НО	w many trees	were nlar	nted on	hl	What was the range of trees planted in
ω _j		esday?	Word pidi	1100 011		the whole week?
c)		w many trees ednesday tha			d)	Find the total number of trees planted in the whole week.

TEST FIVE							
1.	Construct an angle 90°	2.	Construct a line perpendicular to line XY.				
3.	Using a protractor, measure the angle below	4.	If represents 20 balls, draw pictures to represent 100balls.				
5.	Find the average of 30,55, 80, 24 and 46	6.	Find the value of p if p - 8 = 22				
7.	Collect the like terms. 3xy + 5pm + 2xy -2pm.	8.	A girl bought 3 packets of biscuits at shs. 2000 each and 2 bottles of soda at shs. 1,200 each. How much did she spend?				
9.	After buying an item at shs. 45,000, a man sold it at shs. 38700. Find his loss.	10.	Find the perimeter of a rectangle whose length is 12m and width 9m.				

	SECTION B						
11.	Change 4000g to kg.	b)	How many $\frac{3}{4}$ litre bottles of paraffin are in a 15 litre jerrycan?				
c)	Find the distance from Lugazi to kampa Jinja Mukono Kampala 45km 15km Kireka	la usi					
12.	Subtract $\frac{4}{5} - \frac{2}{3}$	b)	Add: $\frac{2}{5} + \frac{1}{4}$				
c)	Arrange $\frac{2}{3}$, $\frac{1}{2}$, $\frac{3}{4}$ and $\frac{5}{6}$ in ascending order.						
13.	Write "thirty-six thousand, four hundred r	ninety	v-eight" in figures.				
b)	Expand the above number;						
i)	Using place values	ii)	Using values				

iii)	Using powers		
	WEE	K TW	0
	TES	T SIX	
1.	If represents 40 cars, how many cars are represented by	2.	Write the number represented by the tallies below.
3.	Find the mean of 3, 5,7,8,9,1,2,3,4,8.	4.	Prime factorise 24 and give your answer in set notation form.
5.	Find the square root of 36.	6.	Compare $\frac{3}{4}$ using >,< or =
7.	James had a sugarcane and ate $\frac{3}{4}$ of it. What fraction of the sugarcane remained?	8.	Solve: 2x + 4 = 10

_		T	
9.	Given that y =5, r =4 and p=3. Find the value of $\frac{yp}{r-1}$	10.	How much change will I get if I buy 3 pencils at shs. 300each and 4 pens at shs. 500 each if I had shs. 3,000?
	SEC.	ION	D
11.	Alex had a heap of 500 shilling coins wo		
a)	How many coins did he have	b)	If he changed the coins to one
(d)	Tiow many coins did ne nave	S)	thousand shilling notes, how many notes did he get from 25,000 shillings?
(c)	Juma bought his radio at shs. 25400 and profit?	l sold	it to Kato at shs. 34500. What was his
12.	Study the figure below and answer the questions that follow. 2y 10cm a) Find the value of;	b)	Find the perimeter of the above figure.
	i) K	c)	Calculate its area.
	ii) y		

13. Studty the magic square below.

17	_	19
		14
9		15

a) Find the magic sum.

b) | Fill in the above magic box.

TEST	SE'	VEN
------	-----	-----

1.	Add: $3\frac{1}{4} + 4\frac{2}{4}$	2.	Subtract: $10\frac{5}{7} - 6\frac{3}{7}$

3.	Multiply: $\frac{2}{5} x \frac{7}{9}$	4.	In a class of 40 pupils, $\frac{2}{5}$ are boys and
			the rest are girls. How many girls are in the class?

5.	Change 8 hours to minutes.	6.	In the space below, draw an angle of 47°

7.	Roman scored the following marks in a test marked out of 25; 24, 25, 23, 22, 25, 21. Find her range.	8.	Find the value of m if 2m – 5 = 15
9.	Change 8Hg to grams.	10.	The weight of a lorry is 9 tonnes when loaded with sugarcanes. Calculate the weight of the lorry in kilograms.
		ION	
11.	In a society of 60 members, $\frac{2}{5}$ of them dr	ink N	ovida and the rest drink Pepsi.
a)	Find the fraction of members who drink Pepsi.	b)	How many members drink Novida?
C)	How many more members drink Novida	than	Pepsi?

Study the bar graph about egg production and answer the questions that follow. 40 Ε g 35 g 30 S pr **25** 0 20 d U **15** С е 10 d Mon Tue Wed Thur Fri Sat Days of the week How many eggs were produced on b) Find the difference in egg production a) Tuesday and Saturday? between Wednesday and Friday. Calculate the average egg production for the whole week C)

13.	Using a ruler, a pencil and a pair of con 6cm and width 4cm.	npass	es only, construct a rectangle of length
b)	Measure its diagonal.	c)	Find its area.
	TEST	EIGI	НТ
1.	On the map, the scale used is that 1cm far is it from Kampala to Mbale which is		
2.	Given that represents 40 cars, draw pictures to represent 240 cars.	3.	Draw tallies to represent 18.
4.	The cost of one bottle of mineral water is shs. 1,200. How much money will one pay for 7 such bottles of mineral water?	5.	Workout: 8 – 3 using a numberline.

6.	Find the volume of the figure below. 3cm 5cm 8cm	7.	add: Hours minutes 8
8.	Subtract: 9.12 – 3.5	9.	Find the value of p if $\frac{p}{8} = 2$
10.	What number has been primefactorised	i to g	
11.		b)	Subtract: 113 _{five} – 34 _{five}
c)	Multiply 12 _{five} x 3	d)	Change 123 _{five} to base ten
e)	Convert 34ten to base five		

	Using a ruler, a pencil and a pair of com 5cm.		
b)	Measure its diagonal.	c)	Find its area.
13.	Primefactorize 24 and 18 and write your	ansv	ver in set notation form.
b)	Fill the above information to fill in the venn diagram below.	c)	From the venn diagram, find the GCF of 24 and 18
d)	From the venn diagram, find the LCM o	f 24 c	and 18

	TEST NINE									
	The	e table belo	w shows	the mark	s obtain	ed b	y Kiye	engo ir	weekly	tests
		week	1 st	2 nd	3 rd	4 th		5 th	6 th	
		Percentage mark	67	76	43	61		61	51	
1.	Co	alculate the	range of	his marks	5.	2.	Who	at was h	nis modal	score?
3.	3. Calculate his median mark.					4.	Find his average score.			
5.	Name the integer marked y on the numberline below									
						. = > /				
1.		d the sum o teen.	f thirty - f	our and	TEST E	<u>LEV</u> 2.	1		ubsets in	set K = {tree,
3.	Dro	aw tallies to	represen	† 17		4.	Simp	olify; 3k	+ 2k + k	

5.		that set la, b, c, d,				6.	Draw	a line se	egment AB = 6cm.
7.	Work	out; we	eeks 7 <u>+3</u>	days 5 4		8.	Write the		er shown on the abacus
9.		he next n				10.	How mo	ny facto	ors does 12 have?
	l					CTION			
11.	Study	the table	e below	and co	mplete i	t corre	ctly. Shov	v the wo	orking.
		Stool(s)	1	2		5		10	
		No. of legs	3		9		24		
12.	three	ore carc girls in ye ions that t	ars. Use			a)	Write the months.	e age of	the youngest girl in
				3) (1					

b)	Form the s	mallest and biggest 3-digit	c)	Find the sum of the biggest and
	number us	ing the above digits.		smallest 3-digit numbers formed.
		0		9
	i.	Smallest =		
	ii.	biggest =		
13.	Using a pa	iir of compasses, a ruler and c	ı shar	p pencil only, construct a square MEAT
	whose per	imeter is 36cm.		
	•			
		TEST 1	WFI	VF
1.	Multiply; 3		2.	Simon is 10 years old. His friend Paul is 3
1.	Muliply, 5	10 Dy 4.	۷.	
				years older than him. Find their total
				age.
3.	Reduce $\frac{16}{2}$	to the simplest form.	4.	Workout; 132 _{five} + 13 _{five} .
	20)		

5.	Write four thousand, six hundred ninety- four in figures.	6.	Using a protractor and a ruler, draw an angle of 70°.
7.	Add +3 + +4 using a number line.	8.	Given that presents 18 balls. Draw balls that represent 54 balls.
9.	Given that $x = 4$, $y = 5$ and $z = 6$. Find the value of $2x + 3y - z$.	10.	Find the area of a rectangle measuring 6dm by 4dm
	SEC.	ION	В
11.	Workout the following; $\frac{2}{3} + \frac{1}{4}$	ii)	$\frac{3}{7} \times \frac{2}{6}$
b)	In a village, $\frac{2}{3}$ of the people are males of females in the village	and t	he rest are females. Find the fraction of

12.	Jacinta went shopping and bought the - 2 books at sh.2,000 each - 3 fountain pens at sh.8,000 each - 4 bags at sh.10,000. a). Calculate her total expenditure. b). If she had sh.50,000, find her change		wing items;
13.	Given that set K = {1, 3, 5, 7, 9} and set N = {2, 3, 5, 7, 11}.	ii	Find n(KUN).
	i. Represent the above sets on a Venn diagram.		
	veriir diagram.		
		iii	List all subsets in set K only.
	TEST TI		
1.	Judith is 13 years old. Her brother is	2.	Find the value of k
	7years younger than her. Find their total age.		k 479
			·

3.	Prime factorise 48 and state your answer in set notation.	4.	Write 9685 in words.
5.	Simplify; $\frac{2}{5} + \frac{1}{4}$	6.	Show that +3 + -7 = -4 on a number line.
7.	Find the average of 15, 10, 17 and 18.	8.	Convert $2\frac{1}{2}$ hours to minutes
9.	Abner bought a pair of shoes at shs. 35,000 and sold it at a profit of shs.7000. Find his selling price for the shoes.	10.	How many $\frac{3}{4}$ liter bottles can be used to fill a thirty litre jerrycan?
	SEC [*]	TION	В
11.	In a school with 2400 pupils, $\frac{5}{8}$ of them	are b	oys and the rest are girls.
	a) Find the fraction of girls in the schoo	l.	

b)	How many girls are in the school?	c)	How many more boys than girls are in the school?
12.	Given the cards below with their values. x = sh.10,000 w .= sh.20,000 y = sh. 5,000	b)	Purity has all the cards, how much money does she have?
	z = sh.50,000 a) Find the sum of x and y.	c)	Find the value of 3z + w.
13.	Construct rectangle ROAD where RO =	7cm	and OA = 4.2cm.

	TEST 14					
1.	Increase 5864 by 264	2.	Which digit is in the place value of thousands in the number; 806031?			
3.	If $F_P = \{2_1, 3_1, 3_2\}$ and $F_Q = \{2_1, 2_2, 3_1, 3_2\}$. Find the GCF of P and Q.	4.	If r = 8 and p = 4, find the square of (r+p).			
5.	A tray holds 30 eggs. If $\frac{2}{3}$ of the eggs are sold, how many eggs remain?	6.	A clock loses 5 seconds every minute. How many seconds will it lose after one hour?			
7.	Round off 993 to the nearest hundreds.	8.	Construct an angle of 135° using a pair of compasses, a ruler and a sharp pencil.			
9.	Work out 314 five+222five	10.	Ediamu is 24 years. His sister Aipo is 3 years older than him. Find their total age.			

	SECTION B					
11.	Mr. Mwanda went shopping and bought the following items;					
	 2kg of rice at shs.3000 per kg 3liter of milk at shs.2000 per kg 2¹/₂ kg of meat at shs.10,000 per kg. 					
	(a) How much did he spend altogether?					
	(b) If he went with sh.50,000, how much change did he get?					
12.	Ms. Judith drove for 2 hours at a speed b) How long will it take a motorist to cover					
	of 60km per hour. What distance did she cover? a journey of 240km at a speed 80km/hr?					
c)	Change $3\frac{3}{4}$ hours to minutes					

13.	Use a sharp pencil, a ruler, and a pair of LE=7cm and EG=GL=5cm	f com	npasses to construct triangle LEG where
	Find its perimeter.		
	TEC	ST 14	
1.	Reduce ninety-nine by forty- four.	2.	If set A = {a, b, c, d} and B = {1, 2, 3, 4}, describe the above sets
3.	Find the sum of the value of 7 and the place value of o in the number; 7830.	4.	Jonathan has 1kg and 200g of sugar. Ashraf has 3kg and 900g of sugar. How much sugar do they have altogether?
5.	Change 240 minutes to hours.	6.	Express $\frac{3}{5}$ as a decimal.

7.	Find the square root of 36.	8.	Find the median of; 3, 1, 2, 0, 5, 10 and 4.		
9.	If 5 pencils cost sh.1000, find the cost of 7 similar pencils.	10.	Using a pair of compasses, a ruler and a sharp pencil, . construct an angle of 45°		
11	I	ION	В		
11. a)	Draw the following shapes Kite b) cylinder		c) parallelogram		
	d) oval e) Rh	omb	US		
12.	Mukisa scored the following marks in end of term one exams; ENG= 90, MTC = 100, SCI = 85, SST = 95 and CRE = 90.;				
a)	Find his modal mark.	c)	Find his range		

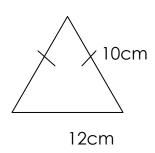
b)	Find his median score.	d)	Calculate his mean score
13.	Construct a hexagon in a circle of radi	us 3.4	cm.
b)	Calculate its diameter.		
	Calculate its diarrieter.		
	TE	ST 15	
1. F	Find the difference between 675 and	2. A	delyte is 9 years old and Owen is 12
	971.	У	ears old. Express their total age in
		R	oman numerals.
1			

3.	The radius of a circle is 7cm. Find the
	diameter of that circle.

4. If x = 12 and y = 17. Find the value 2x + 3y.

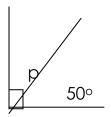
Meters	Centimete
1 4	4 8
+ 2 1	5 2

6. Work out the total distance around the figure below.

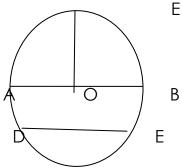


8. Prime factorise 36 and express its prime factors in set notation.

9. Find the value of 2p using the figure below.

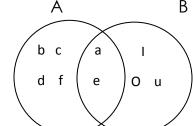


- 10. Share 48 sweets among Joy, Clive and Whittier.
- 11. Study the figure below and answer questions that follow.



- a. Name the lines
 - i. OE =
 - ii. DC =
 - iii. AB =
- b. If OB = 15cm, find the length of AB.

12. Study the Venn diagram below and answer questions that follow.



- a. List all members of;
- i. A =
- ii. B =
- iii. A only =
- b. Find n(A U B).
- 13. Given the number 68,431;
 - a) Write the above number in words.

b) Find the sum of the value of 8 and the place value of 3 in the above number.

c) What is the place value of 6 in the above number.

TEST 16

1	Simplify 7h + 6t – 4h –3t	6	Work out the GCF of 9 and 12
2	Work out the Value of 5hundreds x 7ones	7	Express 2 ⁵ / ₇ as an improper fraction
3	Write two fractions equivalent to $\frac{3}{9}$	8	5 cups cost sh.1750. Find the cost of one fish.
4	Work out the product of 67 and 8	9	Reduce $\frac{8}{16}$ to its lowest terms
5	Find the LCM of 8 and 6	10	Shade $\frac{3}{4}$ of the diagram below

11	Use < , > Or = to compare the statements below a. 2 + 22 X 2
	b. 4 + 04 x 0
	c. 8÷ 48 – 4
	d. 100cm1meter
12	Below is a magic square. Find all the unknown values in it.
	6 1 8
	Y 5 P
	B 9 F
13.a)	Subtract: $\frac{3}{4} - \frac{3}{6}$ b) Add: $\frac{2}{4} + \frac{1}{5}$
14.	Work out:
a)	8 + y = 24 d) Divide: 890 ÷ 5

4tens × 5ones

e)

b)

P-13 = 17

c)	n ÷ 6= 4	f)	7.8 -	+ 0.8 + 56.5		
15.	. Mr. Murasa went to the market and bought the following items. 3kg of meat at sh 1300 per kg 2kg ofposho at sh1500 per kg 4litres of milk at sh1200per litre 1kg of rice at sh1500 per kg					
a)	How much money did he spend on d	all th	e iter	ns?		
c)	If he went to the market with shS. 230)OO. (Jaici	Jiate nis balance		
16.	James is 10 years old now. Peter is 6 years older than James.					
a)	How old is Peter now?		c)	How old was James 3 years ago?		
b)	Find their total age		d)	How old will Peter be in 7 years time to come?		

17.	In a cl	ass there	are 24 pupils. $\frac{5}{8}$ of them a	re girl	ls the rest are boys
a)	Find th	ne fractio	n of boys in the class.	b)	How many pupils are boys are in the class?
c)	Find th	ne numbe	er of girls in the class	d)	How many more boys are in the class than boys?
18.	_	Mon. Tue. Wed.	week. Use it to questions ACCOMME	a)	How many bulbs were sold on
		Thu. Fri. Scale:		b)	How many bulbs were sold on Tuesday and Friday?
c)	How n	nany moi	re bulbs were sold on Thur	sday	than Wednesday?

19.	Study the venn diagram below . A B C A B C C	b)	List elements of set A List elements of set B
c)	Find A Π B	d)	Find n(A)
e)	Find A -B	f)	Find n(B-A)

1.	Divide: 24 ÷8	2.	Fill in the missing number: P+ 6 =24
3.	Shade AnB A B	4.	Convert $8\frac{4}{5}$ to an improper fraction.

5.	Find the perimeter of the figure below. 6cm 7cm 8cm 15cm	6.	If represents 4 oranges, how many pictures will represent 44 oranges?
7.	Find the next number in the sequence: 1, 3, 6, 10,,	8.	Given that set R = {2, 3, 4, 5} and Q = {ball, triangle, rectangle, circle}. How is set R related to set Q?
9.	In the space below, draw a cube.	10.	Show 8:15 am on the clock face below.
11.	Construct an angle of 56° using a pencil, a ruler and a protractor.	12.	Prime factorize 36 and give your answer in subscript form
13.	Change $8\frac{3}{4}$ m to cm.	14.	Share 1269 books among 3 classes.

15.	Add: 4 + 6 =(finite7)	16.	Shade $\frac{2}{3}$
17.	Jonah is 29 years old. Express his age in Roman Numerals.	18.	How many minutes are in $2\frac{1}{4}$ hours?
19.	Write 434 _{seven} in words.	20.	The diameter of a circle is 20cm. find its radius.
21.	Write forty eight thousand, four hundred forty four in figures	22.	5 bottles of Rwenzori mineral water cost 5,000/=. Find the cost of 3 bottles of mineral water.

23.	Construct a regular hexagon of sides 4cm using a ruler, a pencil and a pair of compass only.	24.	Calculate the area of a rectangle whose length is 9dm and width 6dm.
25.	Daniel is 10 years old and Musa is 3 years younger than Daniel. Find their total age	26.	How many $\frac{1}{2}$ litre bottles can be got from 6 litres of milk?
27.	Draw a line segment of length 4.5cm.	28.	A shopkeeper sold a mathematical set at sh.1,500 which he bought at sh.1,000. How much was his profit?
29.	What is the least number of mangoes that you can divide by 6 or 9 boys and gives a remainder of 5 mangoes?	30.	Change 6litres to milliliters.

31.	What number has been expanded to give (7x10,000) + (8x100) + (6x1)	32.	Change 5weeks and 6days to days.
33.	Find the sum of all even numbers between 3 and 12.	34.	Add: hrs min 6 45 +2 36
35.	How many 200 shilling coins can be got from 1000 shillings?	36.	How many right angles has a rectangle?
37.	List down the factors of 16.	38.	Simplify: $1\frac{1}{4} + 3\frac{3}{4}$
39.	Determine the sum of the value of 3 and the value of 8 in the number 3984.	40.	If Sharifah is 10 years old now, when was she born?

41.	A cockroach covered a distance of 900cm. What distance did it cover in metres?	42.	Find the next two equivalent fractions of $\frac{4}{5}$.
43.	What is the place value of 9 in 4936?	44.	Set B={a, e, i, o, u}. Describe set B.
45.	Represent 14 using tallies.	46.	A tray carries 30 eggs. How many eggs will 5 trays carry?
47.	What is the second day of the week?	48.	Change 34 _{five} to base ten.
49.	Construct an angle of 90°.	50.	Set P = {2 ₁ , 2 ₂ , 3 ₁ , 5 ₁ }. Find the value of P

1	Add 34 + 86	2	Write 2000 +500 + 5 in short form.
3	Set $X = \{4,6,8,9,2,6\}$. Find $n(X)$.	4	Fill in the missing number: 40 , 32, 24, 16, 8,
5	Subtract: $\frac{5}{9} - \frac{1}{3}$.	6	Name the shape.
7	If represents 10 balls, draw pictures to represent 80 balls.	8	How many days are in an ordinary year?
9	Find the value of P. P ÷4 = 6	10	Write XXIV in Hindu Arabic numeral
11	Moses bought a chicken for shs:1,500 and he later sold it for shs: 3,500. Find his profit.	12	Tell the time when we begin the morni

13	Find the area of a rectangle measuring 6cm by 5cm.	14	Construct an angle of 60° in the space below.
15	The cost of one pen is sh.500. Find the cost of 6 similar pens.	16	Show twelve thousand, fifty- eight on the abacus.
17	Multiply: 453 X 7	18	Juma had 87 pineapples and he was added more 234 pineapples. How many pineapples does she have altogether?
19	Find the value of 5 in 45876.	20	Round off 54 to the nearest tens.
21	Write 70654 in words.	22	Add 0.76 + 9.8

23	Write $\frac{3}{5}$ as a percentage	24	Work out: $2\frac{1}{4} \times \frac{1}{9}$
25	Subtract: 2 – 4 =(finite 5)	26	Given that set A = {a,b,c,d}. How many subsets are in set A?
27	Calculate the least number of books that can be given to a class of 10 or 6 pupils leaving no remainder.	28	Divide 3535 by 5
29	Amos sold $\frac{3}{5}$ of his land to Moses and $\frac{1}{4}$ to his neighbor. What fraction of the land did he sell?	30	Find the sum of the odd numbers between 0 and 10.
31	Expand 3546 using powers of 10.	32	Simplify: 5x + 4y - 2x+ 2y

33	Find the median of these numbers: 4,3 5,2 6,7,8,9,1.	34	Add: 34 _{five} + 22 _{five} .
35	Find the sum of the next two numbers in the sequence: 1, 2, 4,7,11,16,,	36	The cost of 6 pens is 4200/=. Find the cost of 3 pen.
37	Find the value of N	38	Subtract: 432 _{five} – 324 _{five} .
39	Change 8 years to months.	40	Use > , < or = to complete the following: 5kg of feathers5kg of stones.
41	Find the average of 3, 4, 6, 9, 2, 7, 6, 3.	42	How many sides have an equilateral triangle?

43	Expand 48673 using place values.	44	What is $\frac{5}{10}$ Of 60 girls?
45	Construct an equilateral triangle of sides 4.5cm and find its perimeter.	46	Find the volume of a cuboid measuring 8cm by 5cm by 6cm.
47	A set has 16 subsets, how many elements are in that set?	48	Describe the shaded part.
49	Arrange $\frac{2}{3}$, $\frac{1}{4}$, $\frac{2}{6}$ and $\frac{3}{4}$ in ascending order.	50	My father bought a goat at sh. 45,000 and later sold it at sh.39,000. Find his loss.

1.	Which number has been expanded to	give	4 x 10,000 + 6 x 1,000 + 5 x 10 + 7 x 1?
b)	Show the number 5053 on the abacus.	C)	What is the value of 8 in 2487?
2.	Study the figure below and answer the questions that follow.	a)	Give the measures of these sides. A B
	3cm + B 8cm	b)	Determine its area.
c)	Calculate the perimeter of the above figure.	d)	How many times does an insect move around the above rectangle to cover a distance of 132cm?
3.	(a) David drunk $\frac{4}{10}$ of the milk during brefraction of the milk was drunk altogether		me and $\frac{5}{10}$ during lunch time. What

b)	Add: $5\frac{4}{9} + 4\frac{1}{9}$.	C)	Subtract: $6\frac{7}{8} - 3\frac{2}{8}$
4.	Study the graph showing the classes Suegs from the school farm. N 100 U M B 80 E R 60 O F 40 E G 20 S P.1 P.2 P.3 P.4 P.		t p/s which are intrested in collecting
a)	How many eggs were collected by P.1?	b)	Which classes collected the same number of eggs?
c)	Find the total number of eggs collected by P.1, P.2 and P.5.	d)	How many more eggs did P.6 collect than P.7?
5.	(a) John paid sh. 772,000 as school fee did he pay altogether?	and	sh. 435,000 as boarding fee. How much

b)	Mr. Kudamba earns sh.6,000 per day. How much money does he earn in a week?	C)	Subtract 68 from 86.
6.	a) Round off 458 to the nearest tens.	b)	Expand 8642 using values.
c)	Write the value of 7 in the number 7864	d)	What is the product of 52 and 40?
7.	Study the magic square below and cor 4	mple	te it.
8.	Study the venn diagram below and answer the questions that follow.	a)	Find X n Y.
	$ \begin{pmatrix} X & Y \\ a & b & e \\ c & d & f \end{pmatrix} $	b)	List down all the members of set Y.
	g	c)	How many elements are in X u Y?

d)	Find n (Y - X)				Find n(X)			
9	Study the	price list b	elow and ans	wer the	que	stions that follo	w.	
	ITEM	Sugar	Geometry set	Ric	е	Book		
	PRICE	Sh.2,800	Sh. 2,000	Sh. 3,	200	Sh.1,000		
a)	Dorcas b	ought a kg	of sugar and	a book	(. Ho\	w much did she	e pay?	
b)	Find the total cost of a kg of rice and a geometry set.							
c)	How muc	ch will Tedd	y pay for 2kg	of rice,	3kg (of sugar and 4	books?	
d)i)	Find how the items		lames pay all	ii)		ames went with change.	n sh.10000, calculate	
10	the week	dy test.	owing marks i 73 SST – 92		The	_	id he score	

b)	Find the difference between his highest and lowest mark.	c)	Find the total marks scored by Okao in all subjects.
11.	Primary four pupils were asked which pupils like sheep, 90 pupils like cows,		nals they like most. It was found 34 upils like goats and 46 pupils like rabbits.
a)	Which animal is most liked?	b)	Find the total number of pupils who like goats and sheep.
c)	Find the total number of pupils in a P.	4 clo	ass.
12.	Arrange $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$ in descending order.	b)	Workout: $\frac{2}{3} + \frac{2}{5}$
	TE	ST 20	<u> </u>

	1.	Add: 27 + 49	2.	How many months are in 6 years?
L				

3.	Shade $\frac{2}{4}$ in the diagram	4.	Calculate the distance around this figure. 6cm 6cm 7cm
5.	Jesca is 10 years old. Joan is 21 years old. Find their age difference	6.	Simplify: 4p + 6X + 3p + 4X
7.	Expand 493 using place values.	8.	Write 24 in Roman numeral
9.	In the diagram below, shade A U B	10.	Round off 356 to the nearest tens.
11. a)	Given that $X = \{1,2,3,4,5,6,7\}$ and Y . Show this information on the Venr diagram below:		{0,2,4,6,8,10} Find X n Y Find X - Y

d)	Find n(X - Y)	e)	How many elements are in set Y only?
12. a)	Find the LCM of 4 and 6	b)	Round off 234 to the nearest hundreds.
13.	Write 46753 in words	c)	What is the place vale of 6 in 3.46?
a)			
la \	Final the game of the averture of O and 4 in	۵۱۱	Mile AF AF in March
b)	Find the sum of the value of 8 and 4 in 3468.	d)	Write 45.45 in words.
14.	Divide 234 by 3	b)	Multiply 34 by 10

1.	Given that $X = \{1,2,3,4,5,6,7\}$ and $Y = \{0,2,4,6,8,10\}$				
a)	Show this information on the Venn diagram.		Find X n Y		
c)	Find n (X U Y)	d)	List the elements of set X – Y		
2.a)	Find the LCM of 8 and 6	b)	Find the sum of the 4 th and 6 th even numbers.		
3.a)	What is the product of these missing numbers? 1, 3, 5,, 9, 11, 13,,17	b)	Add: $\frac{4}{5} + \frac{2}{3}$		
4.a)	What is $\frac{2}{3}$ of 24 oranges?	b)	Change 2 hours to minutes.		

5.	Find the perimeter of the triangle below: 3cm 5cm	6.	Joan ate $\frac{3}{7}$ of an orange. What fraction did she remain with?
7.	Arrange: $\frac{2}{3}$, $\frac{1}{4}$, and $\frac{5}{6}$ in ascending order.	8.	Tom had sh. 35,000; he spent sh. 2,350 buying items from the shop. How much did he remain with?
9.	Multiply: 404 by 4	10.	Write the sum of the value of 6 and 7 in 6327

1. Add: 42 + 15.

3. Find the value of χ : $\chi + 6 = 9$

2. Write 7654 in words.

4. A boy bought a book at 1400/= and sold it at 1700/=. What was his profit?

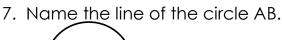
- 5. Change $\frac{56}{10}$ to a mixed fraction.
- 12. Find the perimeter of a triangle measuring 19cm, 15cm and 16cm.

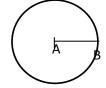
6. What is the morning time shown on the clock face?

13. Expand 4286 using values.

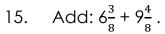


14. Find the value of 8 in 4872.



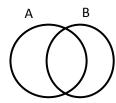


8. Write 243_{five} in words



- 9. Write down a set of the first four even numbers.
- 16. The cost of one pen is shs.550. Find the cost of 4 similar pens.

- 10. Shade A u B in the venn diagram below.
- 17. Construct an angle of 90° in the space below.

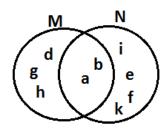


11. Change 19m to cm.

- 18. W rite 29 in Roman numeral.
- 20. Find the sum of the smallest and largest numeral formed using the digits 4, 8, 2.
- 19. How many right angles has a rectangle?

SECTION B

21. Use the venn diagram below to answer the questions that follow.

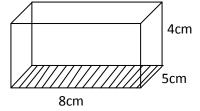


a) List the elements of set m. (1mk)

b). List the elements of set set N complement (1mk)

c). Find n(M n N) (2mk)

22. Study the figure below and answer the questions that follow.



a) Calculate the area of the shaded part.(2mks)

b). Work out the volume of the figure above.(3mks)

23. Work out the following.
$$(1\frac{1}{2}$$
mks each)

a)
$$P + 4 = 5$$

c)
$$X \div 4 = 5$$

b)
$$K - 4 = 5$$

d)
$$F \times 4 = 20$$
.

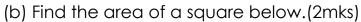
- a) Find the place value of 8. (2mks)
- b) Find the sum of the value of 4 and the value of 6 in 4682.(3mks)

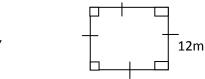
- a) $2 + 5 _{2} 2 \times 5$.
- b) 1 kg of stones _____ 1 kg of feathers.
- c) A fortnight _____ a week
- d) 4kg _____ 4000g
- 26. Study the shopping list below and use it to answer the questions that follow.

Item	Unit price
Salt	Sh.500
Soap	Sh.600
Rice	Sh. 2,500
Bread	Sh. 3,200
Sugar	Sh. 3,000

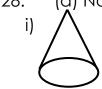
- a) Find the cost of 1kg of salt, 1 kgof sugar and 1 kg of rice.(2mks)
- b) How much will David pay for 3 bars of soap and 2 loaves of bread? (3mks)

27. (a) Find the perimeter of a rectangle whose length is 9cm and width 5cm.(2mks)





28. (a) Name the figures below. (2mks)





- (b) Draw these shapes.(2mks)
 - i) Trapezium

ii) Square

29. (a) Change 4km to metres.(2mks)

- (b) Change 11weeks to days.(2mks)
- (c) Convert 5 hours to minutes.(2mks)

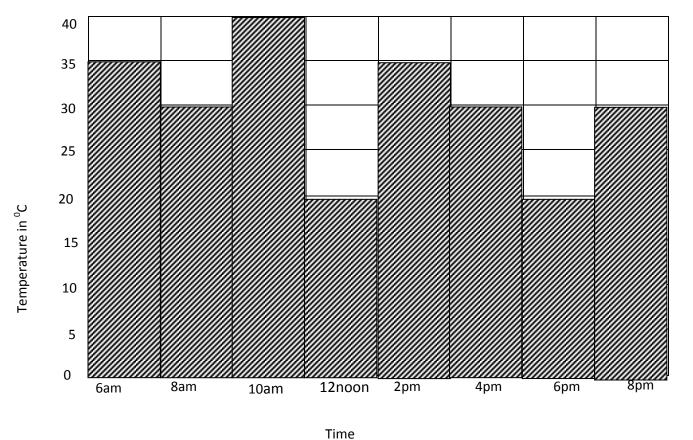
30. (a) Change $8\frac{4}{5}$ to an improper fraction.(2mks)

- (b) Arrange $\frac{1}{2}$, $\frac{3}{4}$, $\frac{2}{3}$ starting with the biggest. (2mks)
- (c) Subtract $\frac{4}{5} \frac{2}{4}$ (2mks)

31. (a) Using a pair of compasses, a ruler and a pencil only, construct an equilateral triangle of sides 5cm. (4mks)

(c) Determine its perimeter. (2mks)

32. The graph below shows the body temperature of a patient taken at after every 2 hours. Study it and answer the questions that follow.



- a) What was the body temperature of the patient at 6:00am?(2mks)
- b) What was the difference between the Highest temperature and the lowest temperature ?(2mks)

c) Find the between sum of the temperature recorded at 6:00am and 6:00pm. (2mks)

1.	Write 408 in words	2.	If set Y = {ball, book, pen}. Find the number of subsets set Y has.
3.	Change $3\frac{2}{5}$ into an improper fraction.	4.	Solve for K: 2k – 2 = 10
5.	Find the next number in the sequence. 4, 11, 16, 23, 28, 35,	6.	Work out the average of 9 and 5.
7.	Calculate angle marked P.	8.	Find the LCM of 10 and 15.
9.	Add: 1 3 five + 4 4 five	10.	Express 42 into Roman numerals.
11.	Find the difference between the value of 7 and the place value of 9 in 2759 respectively.	12.	Round off 6,951 to the nearest hundreds.

13.	Change 70gm into kilograms.	14.	Draw an isosceles trapezium and show the lines of folding symmetry.
15.	Simplify: 2a + 4b + 5a	16.	Describe the shaded region in the venn diacram
17.	An assembly began at 8.30 am and lasted for forty minutes. When did it end?	18.	Find the perimeter of the shape below. 10m 8m 12m
19.	Given that □ represents 15 boxes, how many boxes are represented by □ □ □ ?	20.	Use a sharp pencil, a ruler and a protractor to draw an angle of 73°.
	SECTI	ON B	
21.		a)	Write down all the members of set M.
	$\begin{pmatrix} 9 & 4 & 1 \\ 7 & 6 & 3 & 2 \end{pmatrix}$	b)	Find set (M n T)
c)	Find n (M u T)	d)	List down the elements of set (M – T)

22.	Lydia's salary is 120,000/=. What is $\frac{2}{3}$ of her salary? (2mks)	b)	Arrange $\frac{2}{3}$, $\frac{1}{4}$ and $\frac{5}{6}$ in descending order. (2mks)
23.	With the help of a ruler, a pencil and a p PQRS in which PQ is 5cm and PR is 3 cm. (4mks)	air of	compasses only, construct a rectangle
b)	Calculate its area. (1mk)	c)	Find its perimeter. (1mk)
24.	Given the digits 7, 2 and 9, form all three digit numerals below 700. (2mks)	b)	Express 592 using place values. (2mks)
25. a)	Find the value of r. $\frac{2r}{3} = 8$ (2mks)	b)	Use either < or > to complete. (1 mk) 2 + 2 + 2 2 ³

c)	If $a=3$, $b=5$ and $c=4$.		
i)	Evaluate ac – b. (1mk)	ii)	Simplify: $\frac{a}{b} + \frac{c}{b}$ (2mks)
26.	Simplify: $\frac{2}{3} - \frac{1}{4} + \frac{1}{6}$ (2mks)	b)	Change $\frac{3}{5}$ into a decimal fraction.
a)	3 4 6		(1mk)
<u> </u>	Find the regions and of 3 (1 mg/s)	d)	Cubtract 1 3 (1 mak)
c)	Find the reciprocal of $\frac{3}{5}$. (1mk)	u)	Subtract: $1 - \frac{3}{5}$ (1mk)
0.7			e
27.	Calculate for angle y. (2mks)	b)	Find angle r. (2mks)
a)	(211183)		(ZITIK3)
	V /		
	79°		$ \cdot _{r}$
			530
c)	The 3 angles in a triangle are 56°, 34° and	l d K. Fi	nd the value of K
	(2mks)		

28. a)	·		speed in km/hr. (2mks)
b)	Draw a clock face and show 12 o'c 11 12 11 (1mk) 9 3 8 4	c)	Subtract: Weeks Days (1mk) 9 3 - 4 6
29.	Use the venn diagram below to answer the questions that follow.	a) b)	Find the value of b. (1mk) Find the value of a. (1mk)
C)	Find the LCM of a and b. (2mks)	d)	Find the GCF of a and b. (1mk)
30. a)	A girl obtained the following points during Workout her range. (1mk)	gav	olleyball game. 4, 6, 9, 5, 7. Find his modal frequency score. (2mks)

c)	Calculate her mean score. (2mks)	d)	What was her median score? (1mk)
31. a)	A man bought a pair of shoes at sh. 35,000 and sold it at sh. 40,000. How much profit did he make? (2mks)	b)	Namudigu bought a dress at sh.6,000 and sold it at sh.4,500. What loss did she make? (2mks)
32. a)	What is the probability of tossing a coin of (2mks)	nce	and a head shows on top?
b)	When a dice is tossed once, the sample	spac	e is as follows. {1, 2, 3, 4, 5, 6}
i)	What is the probability of an even number showing on top? (2mks)	ii)	What is the probability of getting a number less than 5 on top? (2mks)

1.	Divide 14 by 7.	2.	Find the average of 4, 6, 0, and 2.
3.	Change $2\frac{1}{2}$ into an improper fraction.	4.	What is $\frac{2}{3}$ of 12 balls?
5.	Under which type of polygons is this	6.	A man shared 20 oranges equally among 9 boys. How many oranges did he remain with?
7.	Solve: 2y + 3 = 9.	8.	What is the square root of 16?
9.	Change 2 hours to minutes.	10.	Expand 4372 using powers.

11.	Describe the shaded region.	12.	Given that 2 – 4 = X (mod 5). Find X
13.	Write XIX in Hindu Arabic numeral.	14.	The average weight of 4 girls is 20kg. Find their total weight.
15.	Find the angle marked t in degrees. t 1000	16.	Add 323 five + 121 five
17.	Subtract $\frac{85}{10}$ - $\frac{43}{10}$ and write your answer as a decimal fraction.	18.	Construct an angle of 60° in the space below.
19.	Simplify 3a + a + 2a – 4a.	20.	Simplify: $\frac{3}{4} + \frac{4}{5}$

	SECTION B		
21.	Given that A= {1, 2, 3, 4} and B = {0, 2, 4, 5, 7}.	b)	Find AnB.
	a) Represent the above information on the venn diagram below. A B	c)	List the elements in A – B.
		d)	Find n(A u B)
22.	The figure below is of a water tank, use it to answer the questions that follow.	a)	Find the number of: I. Faces II. Edges III. Vertices
	30cm 50cm	b)	Find the area of the shaded part.
c)	Calculate the volume of water in the tank	d)	What is the capacity of the water in the tank in litres?
23.	 Kagwa went shopping with a note have 3 pens at sh. 200 @ pen. 4 rubbers at sh. 250 per rubber. 3 exercise books at sh. 300 each boeld at sh. 2000 		a nest and bought the following items.
a)	How much did he spend?		

b)	Calculate the amount of money Kagwa remained with.	c)	If Kagwa wants 5 sets, how much will he pay?
24.	Given that $x = 2$, $y = 3$ and $r = 4$, find;		
a)	X + y	b)	$\frac{r}{x}$
c)	r – y	d)	xy + xr
25.	In a class of 40 pupils, $\frac{3}{4}$ of them have uniforms and the rest do not have uniforms. a) What fraction of the pupils has no uniforms?	b)	How many pupils do not have uniforms?
c)	How many pupils have uniforms?	d)	If a child is picked at random to clean the chalkboard, find the probability that the pupil picked has a uniform.

26.	What is the GCF of 12 and 20?		
b)	Find the LCM of 6 an 8.	C)	Find the sum of the first five prime numbers.
27.	Tom is 12 years old. Kato is 5 years your	naer	than Tom.
a)	How old is Kato?	b)	Find their total age.
0	In which year was Tom born?	a)	After how many years will their total age be 49years?
28.	a) Arrange 2.2, 0.22 and 0.2 in ascending	ng o	order.

b)	Express 4.2 as a mixed fraction.	c)	Change $\frac{2}{4}$ into a decimal fraction.
29.	Use the number line below to answer the	ne q	uestions that follow.
	Q P P -4 -3 -2 -1 0 1 2 3	 	H >
a)	What integers are represented by; i) P? ii) Q? iii) R?	b)	Write a mathematical statement represented on the numberline above.
30.	Given the following digits. 2,9,4,3.		
a)	Form the largest number.	b)	
c)	Find the sum of the largest and smallest numeral formed.	(d)	Prime factorize 24 using a factor tree and write the prime factors in power form.

31.	Study the figure below.	a)	Name the above figure.
	10m		
	12m	b)	Calculate the distance around the above figure.
b)	Find the area of the figure above.		
32.	Using a pencil, a ruler and a pair of corsides 5cm.	mpc	isses only, construct a square ABCD of
TEST 25			

2.

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What is the place value of 4 in 124five?

Workout: 52 + 147

3.	Find the next number in the sequence: 21, 18, 15, 12,,	4.	Solve for y: y + 6 = 20.
5.	Using a pencil, a ruler and a protractor only, construct an angle of 90°.	6.	Shade (M n N) in the venn diagram below.
7.	Tell the time shown on the clockface.	8.	Add these fractions. $1\frac{1}{3} + 2\frac{1}{6}$
9.	Expand 432 _{seven} using powers.	10.	Given that represents 10 pencils. How many such picto symbols are represented by 70 pencils?
11.	Find the value of n in degrees.	12.	In a class of 180 pupils, $\frac{3}{5}$ are girls. How many boys are in the class?

13.	Given that G={2,3,5,7}. Find the number of subsets of set G.	14.	A man bought a cow at sh. 720,000 which he late sold at a profit of sh. 8,000. At what price did he sell the cow?
15.	Prime factorise 18.	16.	A car covered a distance in $1\frac{1}{2}$ hours at a speed of 80km/hr. what distance did he cover?
17.	Expand 3456 using powers of ten.	18.	A farmer collects 21 litres of milk in a day. How many litres of milk will he collect in a week?
19.	Change 2.5litres to centilitres.	20.	Work out: 2 2 3 five - 1 2 4 five

21.	a) Write $\frac{2}{8}$ as a decimal fraction.	b)	A third of a number is 20. What is the number?
c)	Workout: $\frac{1}{2} + \frac{2}{5}$		
22.	Given that set K ={multiples of 3 less that and set J ={multiples of 2 less that		=
		b)	How many people sell clothes?
c)	How many people sell food?	d)	How many people sell only one type of item?
23.	Use >,< or = to complete		
a)	100cm1m	b)	1 kg of sand a kg of feathers
c)	$\frac{2}{4}$ $\frac{4}{2}$	d)	1010
24.	a) A mother is 3p years old and the dat years, how old is the mother?	ught	er is p years old. If their total age is 40

b)	Share 104 oranges equally among 4 girls.	C)	Multiply: 3 4 5 x 7
25.	How many right angles are in 450°?		
b)	Moses was facing East, he turned clockwise to South East. Through what angle did he turn?	C)	Opukiro left his home while facing North East and turned anticlockwise at an angle of 135°. In which direction is he facing?
26.	How many steps are there between -2	and	
b)	What is the additive inverse of +5?	c)	Simplify 5 8 using a numberline.

27.	Study the figure below and answer the questions that follow.	a)	Name the above type of triangle.
	7m / 7m / 12m	b)	How many lines of folding symmetry has the named figure?
C)	Find the perimeter of the above figure.	d)	Calculate its area.
28.	Find the complement of 40°.	b)	Find the value of P
29.	How many seconds are in one hour?	b)	Convert 18 weeks to days.
c)	Change 240 minutes to hours.	d)	Subtract: Hrs Min 6 4 0 _ 3 5 0

30.	A boy scored the following marks. ENG- 90, SST- 60, SCIE – 78, MTC – 92, R.E – 90.		
a)	What is the range?	b)	Calculate the median mark.
c)	Find the modal mark.	d)	Find the mean mark.
31.	Use the venn diagram below to answer the questions that follow. $F_{30} \qquad F_{m}$ $Q_{1} \qquad Q_{1}$ $Q_{1} \qquad Q_{2}$	a) b)	Find the value of m. Find the value of P.
c)	Find the GCF of 30 and m.	d)	Find the LCM of 30 and m.
32.	Using a pencil, a ruler and a compass of length 5cm.	only,	construct an equilateral triangle of

b)	Find its perimeter.

TEST 26

1.	Workout: 12÷6	2.	Write XXIV in Hindu Arabic numeral.
3.	Given that: A= {2, 3, 4, 5, 6} and B = {1, 3, 5, 7}. Find n(A n B)	4.	Shade $\frac{2}{3}$ of the diagram below.
5.	A book costs sh. 1000. Find the cost of 4 similar books.	6.	How many lines of folding symmetry does an isosceles triangle have?
7.	A rectangular room has the length 6cm and area 42cm ^{2.} Find its width.	8.	Calculate the average of 8, 7, 5,4 and 7.

9.	Change $\frac{25}{7}$ to a mixed fraction.	10.	Expand 638 using values.
11.	Add: Weeks Days 2 5 + 3 6	12.	What is the square root of 36?
13.	A car covered a journey at a speed of 60km/hr for 2 hours. What distance did it cover?	14.	Draw an abacus and show 5031.
15.	Simplify: 4k +y + 10k +3y - y	16.	Subtract: 422 five - 133 five
17.	represents 8 oranges how many oranges are represented by the pictures below?	18.	What is the LCM of 9 and 6?
19.	Tell the time using 45 past 4 o'clock".	20.	Andrew sold his cow at 180,000/= and made a loss of 70,000/=. What was his buying price?

1.	Study the venn diagra answer the auestions t		d a)	Find (A	n B)
	2 1 9		b)	What is r	¬(A − B)Ṣ
	$\begin{bmatrix} 6 & 3 & 10 \\ 5 & 5 & 10 \end{bmatrix}$				
:)	List down the member	s of set B only	y. d)	Find (A r	n B)'.
22.	Mr. Kanakulya went to	the bank ar	l nd filled in	the form	below. Complete it.
	ITEMS	QUANTITY	UNIT PRI	CE	Amount
	Sugar	3	Sh		Sh.9900
	Maize flour	4 kg	Sh		10,400
		2 litres			
)	
	Books				Sh. 48,000
		TOTAL AM	OUNT		
	Cooking oil Meat Books	2 litreskg 12 books TOTAL AM	Sh. 3000 Sh. 6000 Sh.		Sh. 9,000 Sh. 48,000
ı	Add the value of 5 and in the number 38457.	d the value o	of 8 b)	Expand	6 x 10 ³

24. a)	Round off 3674 to the nearest hundreds.	b)	Find the next number in the sequence. 12, 15, 18, 21,
c)	What is the greatest common factor (Go	CF) c	of 12 and 18?
25. a)	Express 0.2 as a common fraction in its simplest form.	b)	Add: 3.46 + 15.2
c)	Arrange $\frac{1}{6}$, $\frac{1}{2}$, $\frac{2}{3}$, $\frac{3}{4}$ in ascending order	d)	Write $\frac{1}{4}$ as a decimal fraction.
26.	Show the lines of folding symmetry.		
a)		b)	

b)	Draw these shapes				
,	Triangle	trapezium			Cuboid
27.	There are 190 pupils in a	a class. $\frac{3}{5}$ of them	are	boys	and the rest are girls.
a)	Find the fraction of girls	<u>. </u>	b)		v many boys are in the class?
c)	How many boys are in girls?	the class than	d)		I the probability that a girl is ked at random to collect the
	9113 ?			boc	
00	E. 111 . C.11		•	<u> </u>	
28.	Find the size of the unk	(nown angles bel	b)		grees. I the supplement of 350
a)			D)		The supplement of 33°
	35 r				
c)	Draw a line segment of	flength 10cm.			

29.		shows points scored ses in Summit Primary POINTS 20 50 80 40 10 40 40	a) b)	What is the range of the points? Calculate the modal score.
c)	Calculate the m	edian score.	d)	Workout the mean score.
30.	Study the figure questions that fo	below and answer the llow.	a)	How many lines of folding symmetry has the above figure?
b)	Find the area of	the above figure.	C)	If an insect moved around that figure twice, what distance will it cove?

1		1	
31.	The figure below is a cuboid, use it to answer the questions that follow.	a)	The above figure has:vertices
	4cm		edges faces
b)	Calculate the area of the shaded part.	c)	Calculate the volume of the cuboid above
32.	The graph below shows the number of expression a week 120 100 Number of eggs 60 40 20 Mon Tue Web Days of the week	THI	
a)	On which days was the collection of eg	gs th	e same
b)	How many more eggs were collected W	/edn	esday than Sunday?

c)	How many eggs were collected from Monday to Friday?				

TEST 27

1.	Workout: 3 x 4	2.	Set K ={4,5,6,7}. How many members are in set K?
3.	Find the value of 9 in 491.	4.	Find the next number in the sequence: 1,3,5,7,9,
5.	Workout: $\frac{2}{3} + \frac{3}{4}$	6.	Show a half past 2 o'clock 12 1 10 2 9 3 8 4 7 6 5
7.	Moshi bought a school bag for sh. 4,000. He sold it and made a profit of sh. 700. What was his selling price?	8.	Collect the like terms. 2y + 3y + y
9.	Represent -4 on the number line.	10.	Ssemuleme collected 18 oranges. Draw tallies to represent the oranges.

11.	Below is a square, add the missing lines of folding symmetry.	12.	The mass of a brick is 9kg. express the mass to grams.
13.	On Sarah's farm, there are 19 sheep, 13 goats and 26 cows. How many animals are on the farm altogether?	14.	Convert $\frac{2}{10}$ to a decimal fraction.
15.	Workout: 4 + (2 x 3)	16.	Below are counting numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Circle the prime numbers.
17.	A science lesson started at 8.50am and ended at 9.50am. How long was the lesson?	18.	Mukosa travelled at a speed of 60km/hr in 3 hours. Calculate the distance he covered.
19.	Draw a line segment of length 5cm.	20.	How many degrees are represented by letter r? Note that the second seco

	SECTION B			
21.	Rande went to the market with a note having banana plantations and bought the following items. > 3 apples for sh. 800 each. > 4 oranges for sh. 500 each orange. > A heap of ten mangoes for sh. 2000			
a)	How much did he spend altogether?			
b)	Find his change.			
22.	Write 2041 in words. b) Expand 2041 using values			
c)	Show 2041 on the abacus.			

23.	Study the venn diagram below and answer the questions that follow. $ \begin{array}{c c} X & Y \\ \hline 0 & 2 & 3 \\ 7 & 6 & 4 & 5 \end{array} $	a)	What is n(X u Y)?
b)	List the members of set X.	c)	Find X n Y.
24.	Shade $\frac{2}{3}$.	b)	Simplify: $\frac{3}{7} + \frac{4}{7}$
c)	Jane had a loaf of bread. She ate $\frac{5}{8}$ of it in the morning. What fraction of the bread remained?	d)	Write $3\frac{1}{4}$ in words.
25.	What is the LCM 6 and 12?	b)	Find the sum of the first five odd numbers.
c)	Find the GCF of 6 and 9.	,	

d)	Reduce $\frac{16}{24}$ to its simplest form.
26.	During a Sunday show at MM pub, 456 children, 238 men and 197 women attended.
a)	How many adults attended the show? b) How many more children than men attended the show?
c)	If each child paid 1000/=, how much did the children pay altogether?
27.	Use the number line below and answer the questions. Y X -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 Z
a)	Name the integers: Y:
c)	Without using a numberline, workout: +3 – 7

28.	Using a ruler, a pencil and a pair of compasses only, construct an equilateral triangle of sides 4.5cm.	b)	Calculate its perimeter.
29.	Simplify: y + 2y + y	b)	Solve: X + 4 =9
b)	I think of a number, subtract 6 from it, the result is 4. What is the number?	b)	The perimeter of a square is 12m. Find its sides.
30.	How many minutes are in $4\frac{3}{4}$ hours?	b)	Show a quarter to 80'clock. 12 1 10 2 9 3 8 4 7 6 5

c)	Add: weeks days 4 3 + 5 4	d)	Change 3 years and 6 months to months.
31.	Below is a solid figure, use it to answer the questions that follow.	a)	Name the above figure.
	5m	b)	The figure has:verticesedgesfaces
c)	Calculate its volume.	b)	Find the capacity of the above figure.
32.	The graph below shows the number of	f kg c	of beans sold in a week.
	Number of 400 kg sold		
	0 MON TUE W Days of t	/ED	THUR FRI SAT SUN

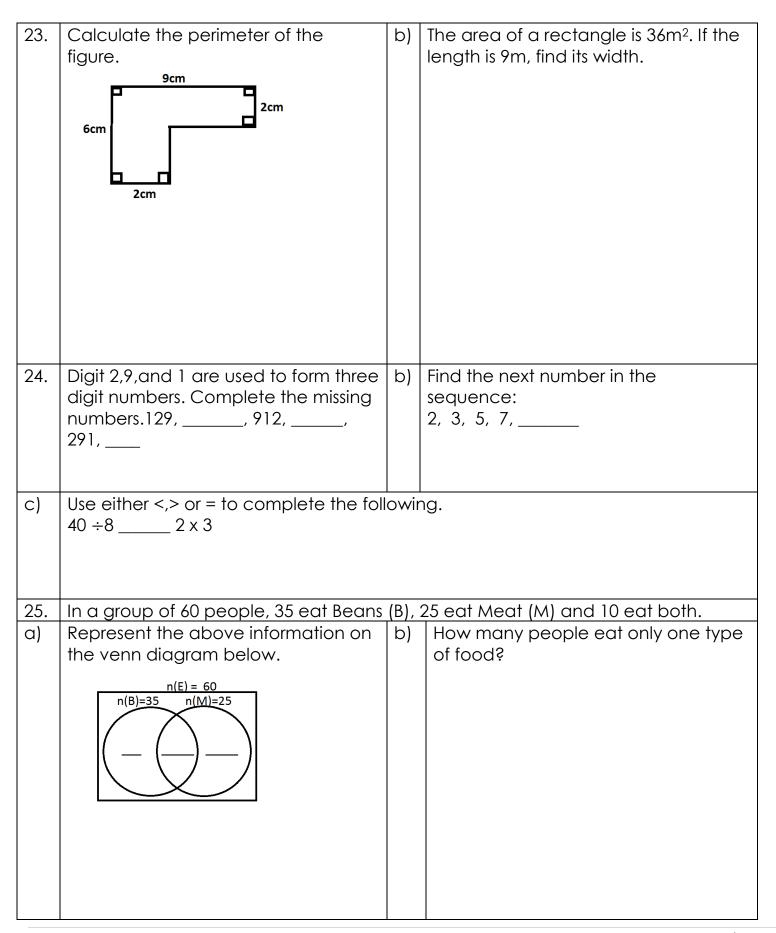
a)	Write kg in full.	b)	How many kg of bans were sold on Tuesday?
C)	When was 6000kg of beans sold?	d)	How many kg of beans were sold on Monday and Wednesday altogether?

TEST 28

1.	Multiply: 2 x 5	2.	Express LIV in Hindu Arabic numerals.
3.	Simplify: 2y + 3y	4.	3 rulers cost sh. 1,800. Find the cost of 5 similar rulers.
5.	Workout: -5 + 2	6.	Draw an angle of 135° in the space below.

7.	Shade the region (P u Q)' in venn	8.	Express 54000g into kilogrammes.
	diaaram below		
	PQ		
9.	How many lines of folding symmetry has the given figure?	10.	What is the value of 9 in 2659?
	 		
	<u> </u>		
	η		
11.	Find the median of the following numbers:	12.	Solve for X: X + 5 = 9.
	13, 11, 12, 11, 14, 17, 10.		
13.	Write one thousand forty nine in	14.	Find the square root of $1\frac{7}{9}$.
	figures.	' ' '	Tilla lile squale root of 19.
15.	Workout the radius of a circle if its	16.	Give the solution set for y<7 if y are all
	diameter is 28dm.		positive integers.
17.	Calculate angle X in degrees.	18.	Workout: $1\frac{2}{3} - \frac{1}{4}$
	A	10.	3 4
	530		
	<u> </u>		

19.	If set X = {1, 2, 3, 4, 5} and set Y ={2, 5, 7, 9, 11}. Find n(X u Y)	20.	Draw an abacus and show 403 on the abacus
	SECT	ON E	3
21.	Find the sum of the first four odd numbers.	b)	List down all the prime numbers less than 20.
c)	A basket contains 6 apples and 8 orar apple at random.	nges.	Find the probability of picking an
22.	Workout: 3 + 4 =(mod 5)	b)	Add: 204 five + 44 five
c)	Convert 132 _{five} to a decimal base.		



Find the area of the shaded part. 26. 10m 9 m 12 m Bus park, Railway and Airport station Agents make time tables using a 24 hour 27. clock. Below is a timetable for a train. **Arrival time Station Departure time** Distance in km from A 0600 hours 0 Α 60 0730 hours O740 hours В 140 C 1010 hours 1020 hours 230 1215 hours D 1150 hours 360 Ε 1500 hours Change the time at station D to 12 How long does the train take from a) b) hour clock. station B to D. Find the actual time when the train is How long does the train stop at C) d) from B to D without stopping. station C?

e)	Calculate the average speed of the train from station A to E.	
28.	29.	
30.	31.	
32.	33.	
34.	35.	
36.	37.	
38.	39.	
40.	41.	
42.	43.	
44.	45.	
46.	47.	
48.	49.	
50.	51.	
52.	53.	
54.	55.	
56.	57.	
58.	59.	
60.	61.	