# GREEN HILL PRIMARY SCHOOL PRIMARY FIVE REVISION WORK SET CONCEPTS, FRACTIONS, PATTERNS AND SEQUENCE

1.	Set P= {all vowel letters}. How many members are in set P?	2.	A jerycan is full of water. If Bidandi uses $\frac{3}{4}$ of it to take water, what fraction of water will remain?
3.	Find all the factors of 12.	4.	Set X is a set of p.5 pupils with 10 heads each. Describe set X
5.	Convert $13\frac{1}{2}$ to an improper fraction.	6.	Find the GCF of 15 and 12
7.	A teacher bought 18 sweets and she gave away $\frac{1}{3}$ of them to her friends.  How many sweets did he give out?	8.	What is the LCM of 6 and 8

9.	Write $\frac{2}{9}$ in words	10.	Find the sum of the factors of 15.
11	List down the multiples of 3 less than 15	12.	Write $\frac{24}{5}$ as a mixed fraction
13	Find the sum of the next number in the sequence: 3, 8, 13, 18,,	14.	Name the set below.
	SECT	ION	В
15	Describe the shaded part.  P K M P Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	16.	a) Shade $\frac{1}{3}$ of the figure below.
	Shade these regions  A B P Q M N Set B only P u Q M - N		b) Shade $\frac{2}{3}$ of the figure below.  c) Compare using > ,< or =. $\frac{3}{4}$ $\frac{15}{20}$

17	<ul><li>Identify the first five;</li><li>a) Whole numbers.</li><li>b) Even numbers</li><li>c) Counting numbers</li><li>d) Odd numbers.</li></ul>	18.	Given that set A={1,2,3,4,5,6} and set B ={1,3,5,7,9} a) Describe; i) Set A  ii) Set B
			c) Find A u B
	In a class of 48 pupils, $\frac{3}{4}$ of them are girls and the rest are boys.  a) Find the fraction of boys.  b) Find the number of;  i) Girls  ii) Boys	d)	How many more girls than boys are in the class?  If the teacher gave 3 new pencils to all boys in the class, how many pencils did the teacher give out?
20	Find the next number in the sequence.  a) 1,3,5,7,,  b) 2,3,5,7,,  a) 2, 2, 3, 5, 8, 12	21.	Given that $Y = \{2,4,6,8,10\}$ and $Z = \{0,1,2,3,4,5\}$ a) Complete the venn diagram below.
	c) 2, 2, 3, 5, 8, 12,		

	b) :	Find:					c) Describe set Y and set Z.
		i) Y-	- Z				
		ii) n(	Y u Z)				
22	The	e diag	ram be	elow show	ws the p	olots of	c) What fraction of plot did Dan and
	lan	d bou	ight by	3 people	from re	eal	Musa get in total?
	pro	perty	estate	•			
		Musa	Dan	David	Musa		
		Dan	Mus	a Musa	Dan		
	a)	Who	has m	ore plots	2		d) If the piece of land is 80 acres in total, how big is Dan's plot in acres?
	b)	What did; i)	Dar	on of the n get? vid get?	whole la	and	
23	23 Study the figure below and answer the questions that follow.			nd ansv	wer the	b) Find the value of m, y, x and p i) M	
		9	р	11			
		10	8	х			ii) Y
		m	У	7			ii) X
	a)	Find	the ma	ngic sum.			

	iii)Y	iv)p
24	a) Add $\frac{2}{3} + \frac{3}{9}$	d) Multiply $\frac{2}{3} x \frac{4}{5}$
	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	b) Workout: $\frac{4}{5} - \frac{1}{2}$	
		e) What is $\frac{3}{4}$ of 16 books?
		c) write 13 4 of 10 books:
	c) Arrange $\frac{3}{4}$ , $\frac{1}{2}$ , $\frac{1}{6}$ and $\frac{2}{3}$ starting with the	
	smallest	

# GREEN HILL PRIMARY SCHOOL PRIMARY FIVE ITP WORK MONEY, TIME, LENGTH, MASS AND CAPACITY

NA	ME:	•••••	STREAM
1.	The shopkeeper bought a box of water at shs. 18,000 and sold it at shs. 15,500. What was his loss?	2.	A quiz competition lasted for 4 hours. How many minutes did it take?
3.	Calculate the total distance around the square garden measuring 20m.	4.	A chalkboard ruler costs shs. 2500 how much money will Mr. Mulekwa pay for 3 similar rulers?
5.	How many days are in the month of April?	6.	Keisha bought 3kg of beans and Trevor bought 4kg of meat. Find the total weight they bought in grams.
7.	Kawesi bought 4 rubbers at shs. 2000 and sold them at shs. 800 each. Find his profit.	8.	Barigye spent 36 months in London. For how many years was he in London?

9.	How many 2 kg packets are needed to fill a sack of 20kg?	10.	Dan bought 3 rulers at shs. 1200 each ruler and a pencil at shs. 200. How much money did he remain with if he had shs. 5000?
11.	Draw a clock face and show ahalf past three.	12.	Workout: M CM
	unee.		3 3 5
			+ 4 26
13.	How many days are there in 4 weeks?		A farmer started digging at 7:20am and stopped at 8:50 am. For how long did the farmer dig?
<b>15.</b>	How many hours are there in 60 minutes?	16.	Use "greater than", "less than" or "equal to" to complete the statement
			below. 5kg4000g

#### **SECTION B**

- - a) How many sides has the above figure?
  - b) Show the lines of folding symmetry on the figure above.
  - c) Calculate its area.

d) Add 30metres to the perimeter of the above figure.

- 18. My mother bought the following items from the shop.Geometry set at shs. 20002 rulers at shs. 2000A Pencil at shs. 4000
  - a) Find the cost of one ruler.

b) How much money in total did my mother pay?

c) If she was given change of shs. 6000, how much money did she have at first?

**19.** The table below shows the activities done by Musa on Monday.

TIME	ACTIVITIES
6:00am	Wakes up from bed
6:00am – 6:30am	Takes his children to school
6:30am – 7:30am	Drives to work
7:30am – 10:30am	Meeting with staff.

a) At what time of the day did Musa start driving to his work place?

**20.** Tell the time shown on the clock face below.





	b) At what time of the day Musa reach	Show the following on the clock face
	school?	below
	c) For how long was the meeting in minutes?	3: o'clock 6: 25pm  11 12 1 10 2 9 3 8 4 7 6 5  A quarter to 2  A quarter past 4
21.	Study the figure below and use it to	<b>22.</b> Study the price list below and answer the questions that follows
	answer the questions that follow.	the questions that follow.    Item
	5m	Pencil Shs. 300
	4m 8m	Ruler Shs.1100 Rubber Shs. 500
	a) Calculate its perimeter.	a) IATuita the coninc of the of
		a) Write the price of the cheapest item in words.
	b) Find its area.	b) How much money will one pay for three rubbers.  c) A boy had shs. 3000 and bough 7 rubbers. How much was his change?

23.	a) A girl ran around the above field twice, what distance did he cover?	b) Convert the length of the above figure in centimetres.
24.	Study the figure below and use it to answer the questions that follow.	c) Find the area of the shaded part.
	a) Name the above figure.  b) The above figure has  i)vertices  ii)edges  iii)faces	d) Calculate the volume of the above figure.

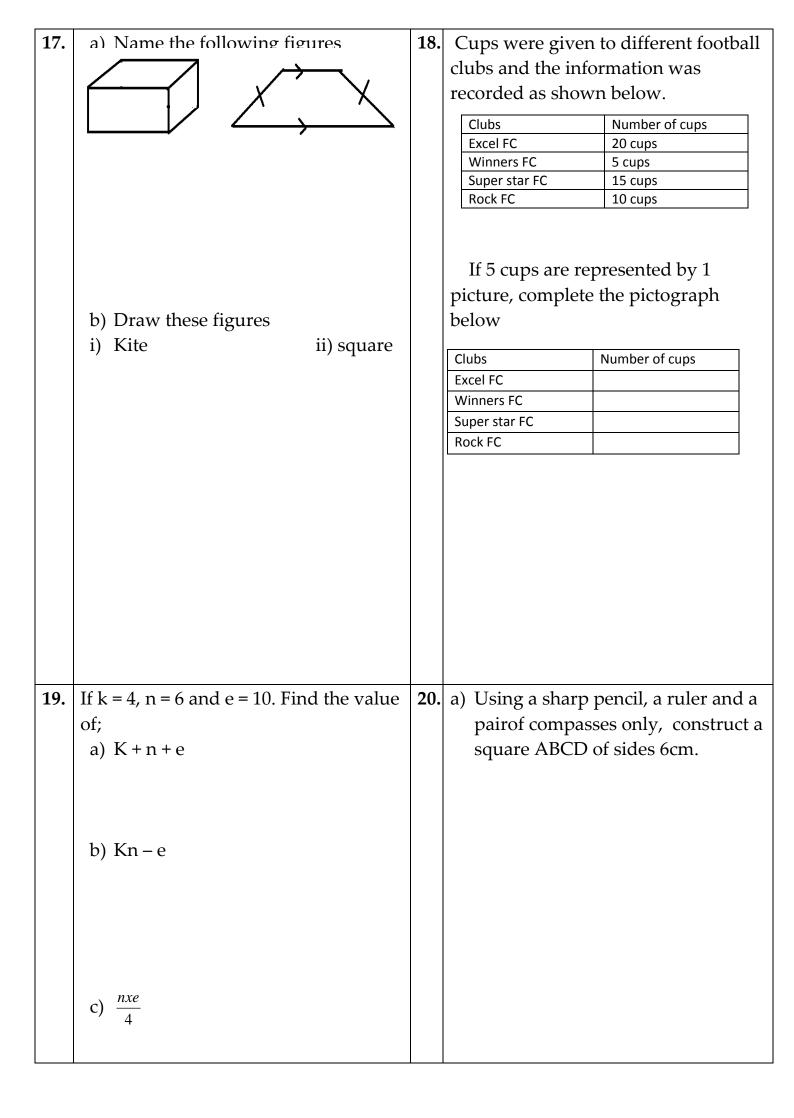
## ALGEBRA, DATA HANDLING LINES, ANGLES AND GEOMETRIC FIGURES

NAME: ......STREAM.....

1.	Simplify: 3d + 2d	2.	Draw a line segiment QR of length 6cm.
3.	What do represent if represents 4 cups?	4.	What number when you add 30 to it, the result is 50?
5.	Draw a rectangle in the space below.	6.	Solve for p: P x 5 = 20
7.	Find the value of the unknown angles.	8.	Given that represents 6 balls.  Draw pictures to represent 18 balls.
9.	Mukasa harvested 500kg of rice last year. This year, he harvested 80kg more than last year. Find the mass of maize he harvested this year.	10.	Complete the figure below by showing the missing lines of folding symmetry.

11. Find the value of m if 3m = 12	The following were the points score by two boys in a volleyball team.  NAME NO. OF POINTS PHILLIP	ed
SF	CTION B	
Find the value of the unknown angle  13.    145°   Y	14. The table below shows the number	d

		b) How many cars were parked in the school altogether?
15.	The table below shows the number of pupils in a class.  Days Mon Tue Wed Thu Fri Present 48 x 40 43 m Absent 02 03 y z 07	b) Find the value of x, y, z and m. i) X ii) y
	a) How many pupils are in the class?	iii) z iv) m
16.	With the help of a ruler, a pencil and a p BAD such that BA= AD= BD = 5cm	pair of compasses only, construct a triangle
	b) Find the total distance around the abo	oove figure.



			b) Measure its diagonal				
21.							
	MEAT where ME = 6cm and EA = 4cm.						
1.	Tim d its require store		Find its area.				
b	Find its perimeter.	С	Find its area.				
22.	A farmer sold the following number of		b) Find the number of eggs collected				
	eggs to a shopkeeper in five days as		in the five days.				
	shown on the table below.						
	Days         Mon         Tue         Wed         Thu         Fri           Number         90         60         50         70         60						
	of eggs						
	<ul> <li>a) Draw a bar graph representing the above information.</li> </ul>						
	100						
	80		c) Which days had the same number of eggs collected?				
	60		or eggs conceted:				
	40						
	20						
	0 MON TUE WED THU FRI Days of the week						
	<b>,</b>						
		1	1				

### **MOSTLY FAILED AND CHALLENGING COMPETENCES**

#### NAME:

- 1. Workout the following.
  - a) 214 x 3

ii. 3m - 60 = 180

b) 56421 – 32196

(c) I think of a number, double it and take away 9, the result is 1. Find the number?

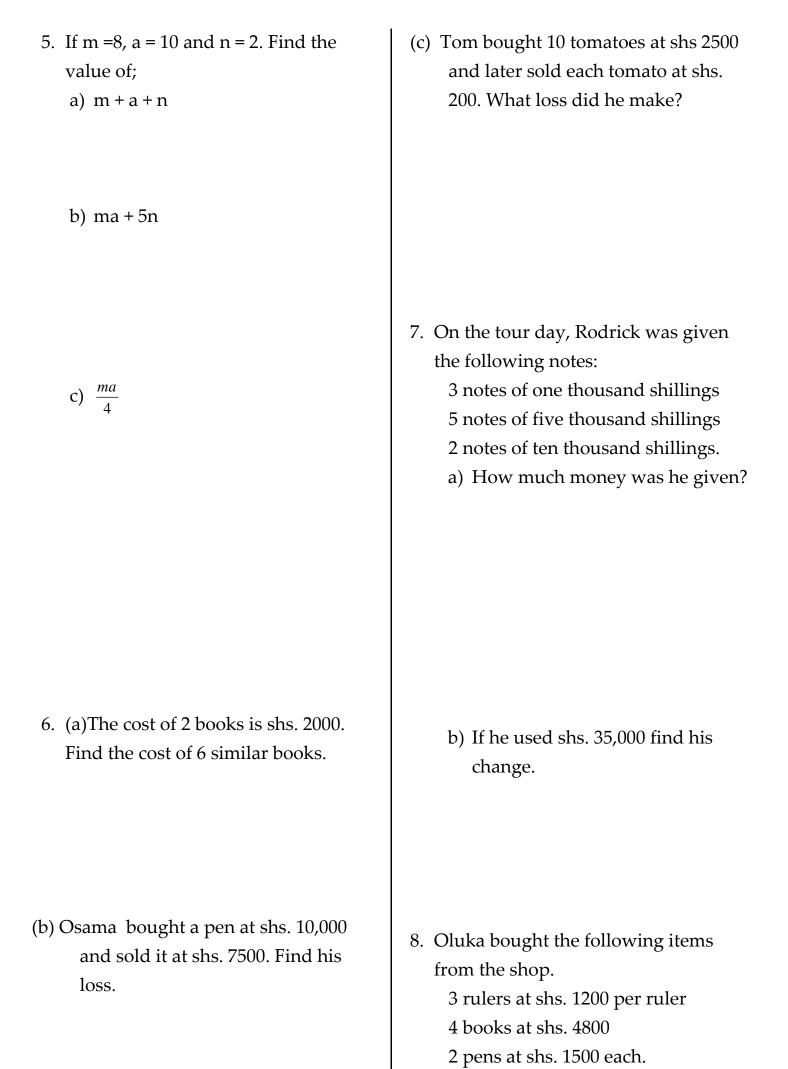
- c) Share 459 books equally among 3 classes
- 4. Kasimagwa is p years old and his brother Dodo is (P+8) years old. If there total age is 30 years old.
  - a) Find the value of p

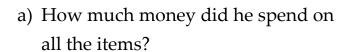
2. Simplify: 9y + 8m - 2y + m

- 3. (a) I think of a number, add 8 to it and the result is 29. What is the number?
- b) How old is Dodo?

- (b) Solve for the unknown.
- i.  $\frac{p}{3} = 12$

c) How old will Kasimagwa be after 10 years?





b) A rally car was driven around the three towns five times. What distance did it cover?

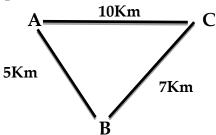
b) If he was given change of shs. 1100. How much did he have at first?

c) Lynette took a direct route from A to town B. her vehicle broke down after covering 2400m. find the distance left to cover the journey.

c) If he later sold pens at shs. 2000 each, how much did he gain.

10.(a) Jovia poured 10 cups of 300ml each into a bucket to fill it. Find the capacity of the bucket.

9. Study the map below and answer the questions that follow.



a) Find the longest distance from town
A to town C

(b) The length of a building is 8 metres. Change the height in cm.

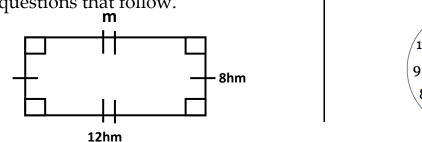
- (c) Find the sum of 42kg and 957kg
- a) Find the value of m and n m=\_\_\_\_\_
- (d)Dan and Musa carried 6kg of meat each from the butchery. Find the total mass they carried altogether in grams.
- b) Calculate its area

c) What distance will an insect cover if it moves around the above figure twice?

(e) Convert  $4\frac{1}{2}$  kg to grams

- 12.(a) Convert 2 weeks to days
- (f) John moved around the rectangular room measuring 10m by 9m thrice.
  What distance did he cover?
- (b) Our teacher had a maternity leave of five days. For how many hours was her leave?

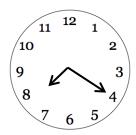
11.Use the figure below to answer the questions that follow.



(c) Show a quarter to five on the clock face below.



(d) Write the morning time shown on the clock faces below



13.(a) Use the numberline below to work out  $3 \times \frac{2}{3}$ 



(b) Find the fourth equivalent fraction of  $\frac{3}{4}$ 

(c) Convert  $10 \frac{4}{5}$  as an improper fraction.

- 14.In a class of 40 pupils,  $\frac{2}{5}$  are girls and the rest are boys.
  - a) Find the fraction of boys

b) How many more girls than boys are in the class?

c) If  $\frac{1}{4}$  of the boys have watches, how many boys do not have watches?

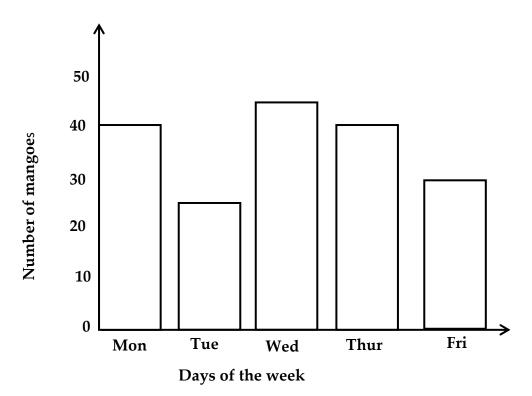
15.The tank contains 480 litres of water.
\$\frac{3}{4}\$ of the water is used to water the crops and the rest for washing.
(a) Find the fraction used for washing?

(b) How many more litres were used for watering crops than washing?

16.If represents 5 cups, how many cups are represented by 4 such pictures?

17. The graph below shows the the number of mangoes collected from a farm in five days.

Mon- 40, Tue – 25, Wed – 45, Thu -40, Fri – 30



From the graph above,

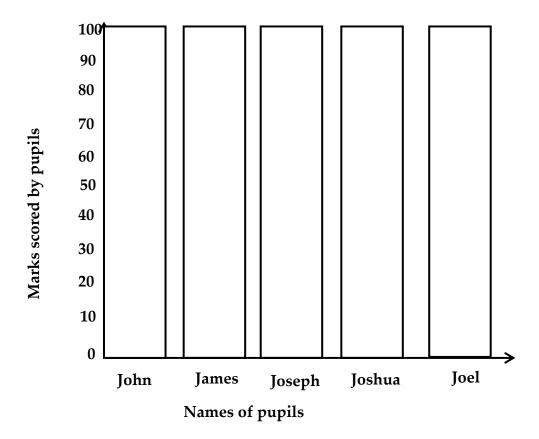
- a) On which day was the least number of mangoes collected?
- b) Find the range of the mangoes collected
- c) Find the median number of mangoes

d) Find the modal number of mangoes

e) Find the average number of mangoes collected.

18.(a) Use the table below to complete the bar graph below.

Names	John	James	Joseph	Joshua	Joel
Marks	80	90	95	80	100

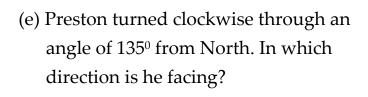


(c) Find the range of marks

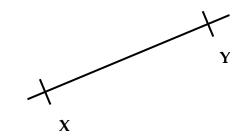
(e) Calculate the average mark

(d)What was the modal score?

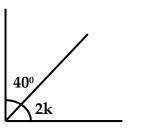
<ul><li>19. Five children of the</li><li>- Emma collected</li><li>- Daniel collected</li><li>- Aga collected</li></ul>	d 42 apples d 18 aples	<ul> <li>ted the following apples from the forest.</li> <li>Evelyne collected 36 aples</li> <li>Daniella collected 24 apples</li> </ul>
Using a scale of information.	o represent 6 appl	es, draw a bar graph to represent the above
Name of pupil	Nu	mber of apples
20.(a) Find the larger ang and South West?	gle between East	(c) What is the larger angle between East and South West?
		(d) Nambuya turned clockwise from North to West. Through what angle did she turn?
(b) Find the smaller are south and west.	ngle between	



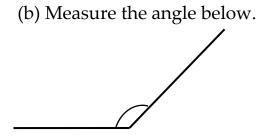
(d) Draw a line perpendicular to line XY to meet at point K.

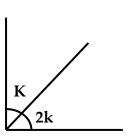


21.(a) Using a protractor, draw an angle of  $55^{\circ}$ 

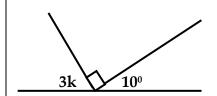


22.Find the value of k

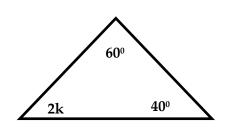




(c) Draw a line segment ZX of length 6.3 cm

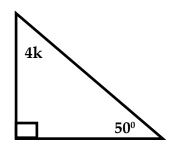


(d) Measure the line segment PG









e) Equilateral triangle

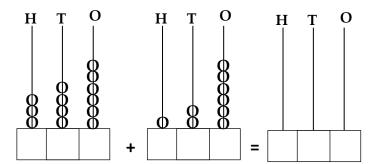
24.(a)With the help of a pencil, a ruler and a pair of compasses only, construct a triangle ABC where AB = 7cm, BC= AC = 5cm

- 23.Draw the following figures and show their lines of folding symmetry.
  - a) Isosceles triangle

b) Kite

(b) Find its perimeter

## 25.(a)Complete the abacus below

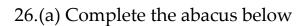


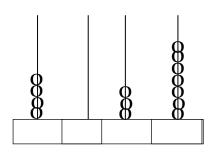
- (b) Write in figures.

  Four thousand ninety six
- (c) Expand four thousand eight hundred forty-six using values

(d) Write the expanded number in words.  $(4 \times 10) + (9 \times 1000) + (3 \times 100)$ 

(e) Correct 463 to the nearest hundreds.





(b) Write the number shown on the above abacus in words.

(c) Round off the above number to the nearest tens.

(d) Find the sum of the values of the digits in the place values of thousands and tens on the above abacus.

(e)Write the place value of the 6 in 4689.

27 (	ر (a)	Add	$143  \mathrm{five}$	+	101 five
Z/.(	aj	Auu	143 five	Т	TOTHVE

a) Find the value of X

(b) Subtract 13five from 221five

(c) What is the place value of each digit in  $234_{\rm five}$ 

ii. Find the LCM of 24 and X

b) Using the above diagram,

i. Find the GCF of 24 and X

(d)Write 203five in words.

28.(a) find the missing number: 1, 4, 9, 16, \_\_\_\_\_

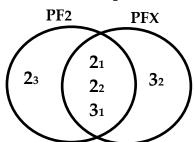
30.(a) Find the GCF of 10 and 8

(b) Find the sum of the missing numbers in the sequence:

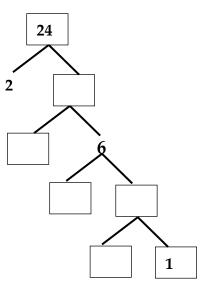
45, 42, 39, 36, \_\_\_\_\_,

(b) P.5 pupils can be made to sit in groups of 6 boys or 8 girls leaving no remainder of any child. Find the least number of pupils in P.5.

29. Study the venn diagram below and answer the questions that follow.



(c) Fill in the value of the unknown.

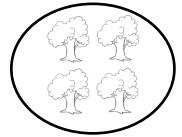


(d) Find the square root of 36

31. Complete the table below by filling in the unknown and draw the tallies for each

Mangoes	5 + 9 =	W	W	
Books	2 x = 8	•	•	
Pencils	24 – 6 =			
Oranges	30 <del>+ 2</del> = 15			

32. Name the set below (4 trees)

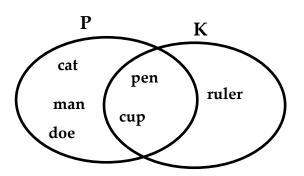


(b) Draw a set of 4 pots.

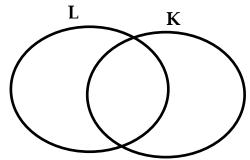
(a) If  $A = \{1, 2, 3, 4, 5\}$  and  $B = \{2,3,5,7,11\}$ . Find AnB

(d) If P= (first six alphabet letters) and K = {all vowel letters}. Find n(P nK)

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



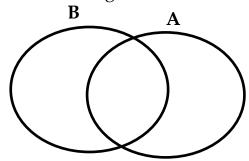
- a) List the elements of set;
  - (i) K
  - (ii)P
- b) Find n(p-k)
- c) How many members are in p u k?
- 34. Given that set K={a, b, u, s, e} and L={all vowel letters}
  - a) Represent the above information on the venn diagram below



- b) Find K u L
- c) Find n(L-K)

35. Given that A = {first odd numbers less than 9} and set B = {first five prime numers}

- (a) list down the elements of set
  - (i) A
  - (ii)B
- (b) Represent the above information on the venn diagram below



- 36. Name the following set symbols
  - a) ∪
  - b) ←→
  - c) ∩
  - d) =
  - e) { }

