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Mathematics Revision

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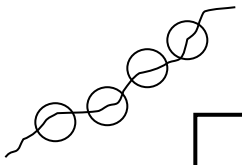
PAPER 1

SECTION A (20 QUESTIONS – 40 MARKS)

1. Count and write the number in the box.



= ☐

2. Match correctly.

nine

9

Six

3. If set K = { 2, 3, 5, 7, 11} Find n(K)

n(K) = _____

4. Given the number 1264, find the sum of the value of 2 and the value of 4.

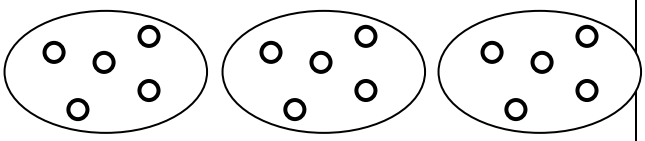
5. Which day of the week comes just after Thursday?

6. Add and draw for the sum.

=

_____

__

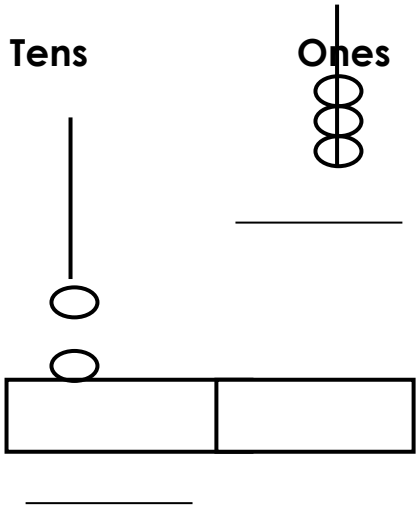
7. Given that a = 5 and b = 3, find the value of; a – b	8. Write this present year in words.
9. If stands for 1 ball, how many balls are shown below? _____ balls.	10. Kevin is 69cm tall and Kato is 96cm tall. Who is taller?
11. Subtract: 99 – 50	12. What is 3 groups of 5?  = _____

13. Write any two months of the year. **a) _____** **b) _____**	**14. Add correctly;** **1 4 9** **+ 7 0** **_____** **=====**
15. Share 36 mangoes equally among Allan, Jenifer and Zombi.	**16. A book costs shs. 200, a pencil costs shs. 100 and a pen costs shs. 600. Find the total cost of a pen, pencil and a book.**

17. Subtract ; 20 litres – 1 litre

= _____ litres.

18. Find the number shown on the abacus.



19. Who is lighter?

20. A cake costs shs. 1000 and a sweet costs shs. 300. What is the cheapest item ?

SECTION B (12 QUESTIONS – 60 MARKS)

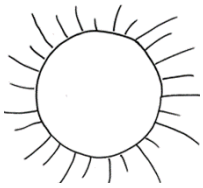
21. Draw bundles for tens and ones.

(a) 17 = _____ (2 m

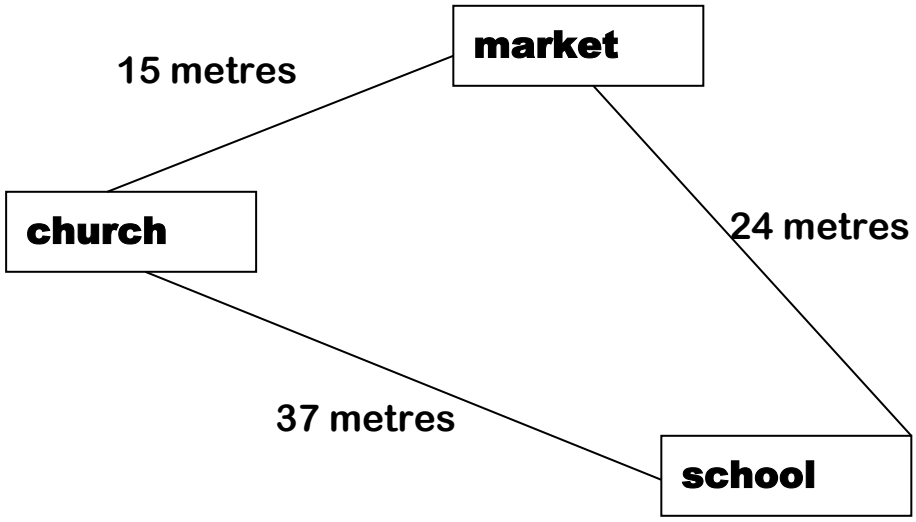
(b) 21 = _____ (2 m

(c) 32 = _____ (2 m

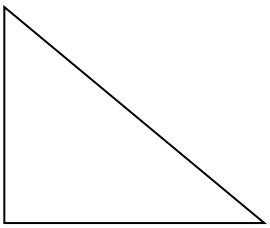
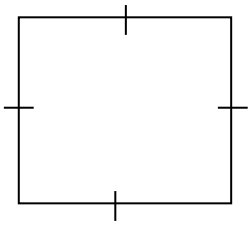
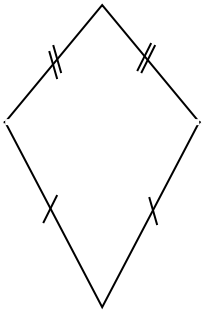
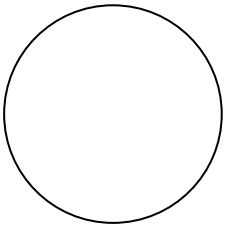
22. Study the weather chart below.

Monday	Wednesday	Saturday	Tuesday
			

(a) On which day did Angelo use an umbrella? (2 m

(b) When was the weather (i) cloudy? _____ (ii) windy ? _____	(2 marks)
23. Study the map below and answer questions about it.  (a) Find the direct route from; (i) church to school (ii) school to market	marks)
(b) If Peter moved from church to school and then to the market, how many metres did he cover?	(2 marks)

24. Name the following shapes. **(4marks)**

25. Study the magic square below and answer the questions.

d…….	c…….	8
5	7	b…….
6	11	a…….

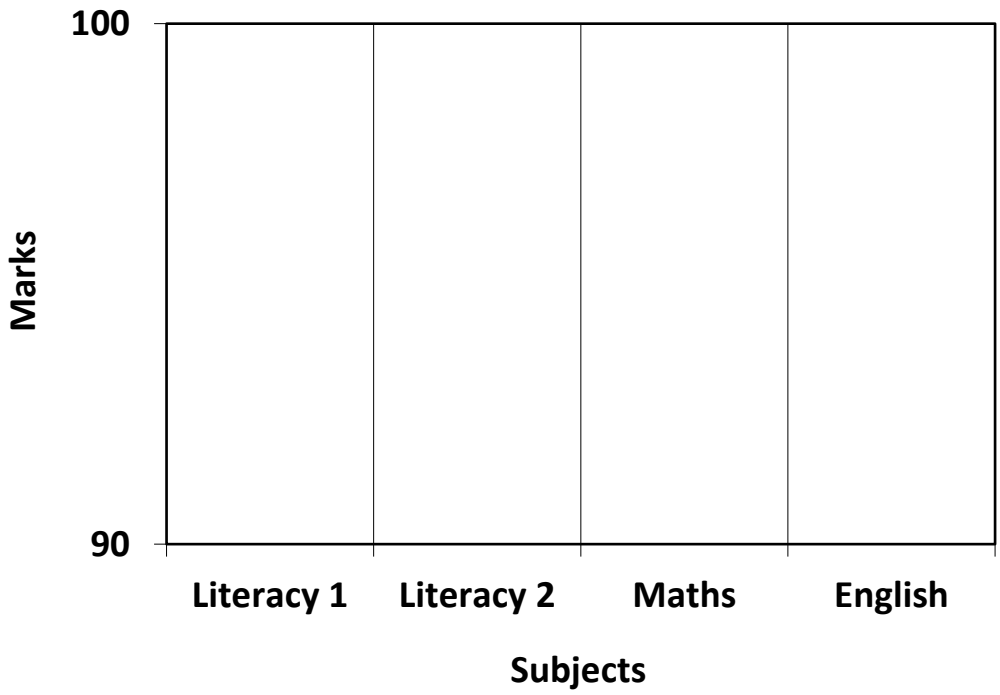
Find the unknown values and fill in the table correctly.

(4 marks)

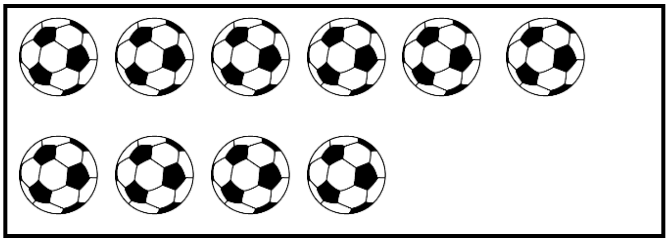
26. Kagolo got the following marks in Midterm two 2016.

90 in maths, 80 in English, 60 in Literacy 2, and 80 in Literacy 1.

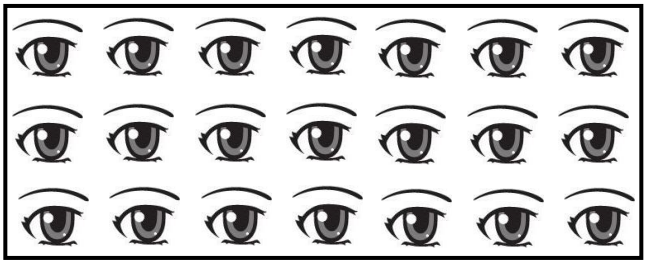
Show the above information by shading on the bar graph below. (4 marks)



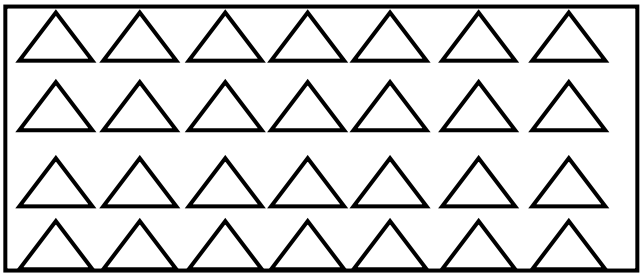
27. Count and write the number in figures (2 marks)



_____ balls.



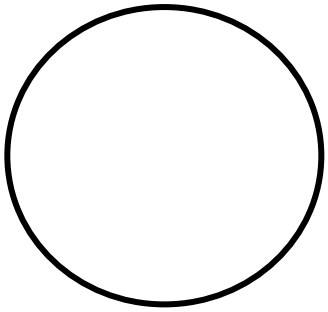
_____ eyes. (2 marks)



_____ shapes. (2 marks)

28. Shade the fractions correctly. (2 marks)

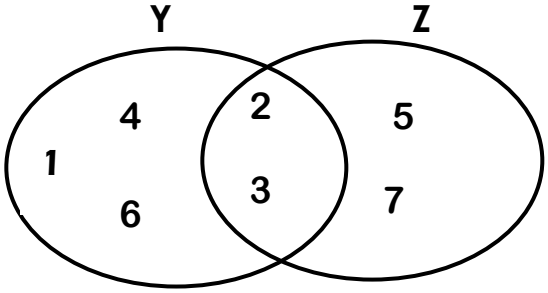
(a) $\frac{1}{2}$



	(b) $\frac{1}{3}$	(2 marks)
	(c) $\frac{2}{5}$	(2 marks)
	29. Ruth went shopping and bought the following items; A kg of sugar at shs. 3,000. A packet of biscuits at shs. 1,000. A geometry set at shs. 2,000. (a) How much money did she pay for sugar and biscuits?	(2 marks)
	(b) How much money did she pay for biscuits and a geometry set?	(2 marks)

	(c) How much money did she pay for all the three items?	(2 marks)
30.	Work out ; (a) $\frac{3}{7}+\frac{2}{7}=$ _____	(2 marks)
	(b) $\frac{5}{9}+\frac{1}{9}+\frac{2}{9}=$ _____	(2 marks)
	(c) $\frac{14}{14}-\frac{9}{14}=$ _____	(2 marks)
31.	Match the number symbol to the number name. 0 Four 2 Five 4 Two 3 Zero 5 Three	(5 marks)

32. Answer questions about the venn diagram below. (3 marks)



(a) List the members of set;

(i) Y = { _____ }

(ii) Z = { _____ }

(b) Find n(Y ∪ Z)

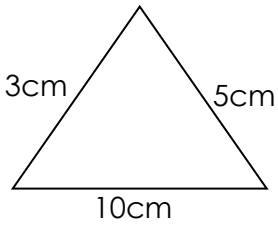
PAPER 2

SECTION A – (40 MARKS)

1. Add:
$$\begin{array}{r} 4\ 5 \\ +\ 3\ 2 \\ \hline \\ \hline \end{array}$$

2. Set A = { James, John, Jimmy, Joy}
   How many members are in set A**?**

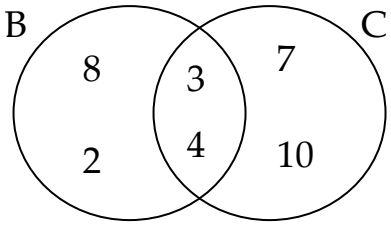
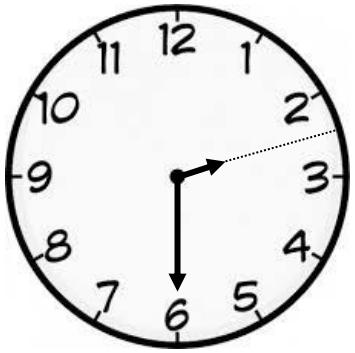
3. Find the perimeter of the figure below.



4. Write the next number in the sequence below.
   10, 20, 30, 40, _____

5. Amos ate $\frac{3}{4}$ of an orange. What fraction remained**?**

6. Solve;
   $\square + 6 = 10$

7. A farmer had 420 eggs. He got 120 eggs more from his neighbour. How many eggs did he have altogether**?**	8. Write: 426 in words.
9. Given that represents 2 chairs. How many chairs will represent**?**	10. Below is a venn diagram.  List down all members of B ∪ C
11. Draw a rectangle in the space provided below.	12. What time is shown on the clock face below 

13. Find the value of 4 in the number 5432.

14. A book costs shs. 600. How much will two similar books cost**?**

15. Match members of A to B.

A	B
4 x 5	**9**
6 + 5	**11**
	20

16. Musoke had 32 fingers of bananas in his basket. He gave them equally to 8 girls. How many fingers of bananas did each girl get**?**

17. The sack below has rice in it.

How many grams does it hold**?**
(1kg = 1000gm)

18. Add: $\frac{3}{7}+\frac{2}{7}=$ __

19. Mary is 23 years old. Write her age in Roman Numerals.

20. Multiply:

$$\begin{array}{r} 243 \\ \times\ 2 \\ \hline \\ \hline\hline \end{array}$$

SECTION B

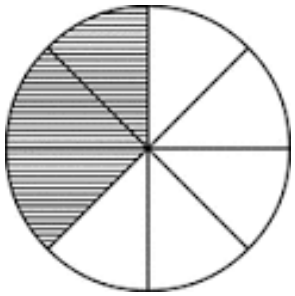
21. (a) Use **greater than, less than or equal** to complete. (1 mark

(i) $\frac{4}{10}$ _____ $\frac{7}{10}$

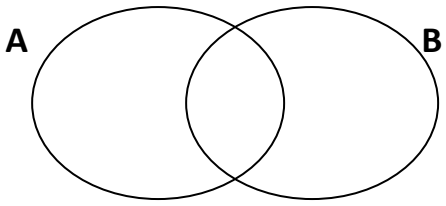
(ii) $\frac{1}{8}$ _____ $\frac{1}{8}$

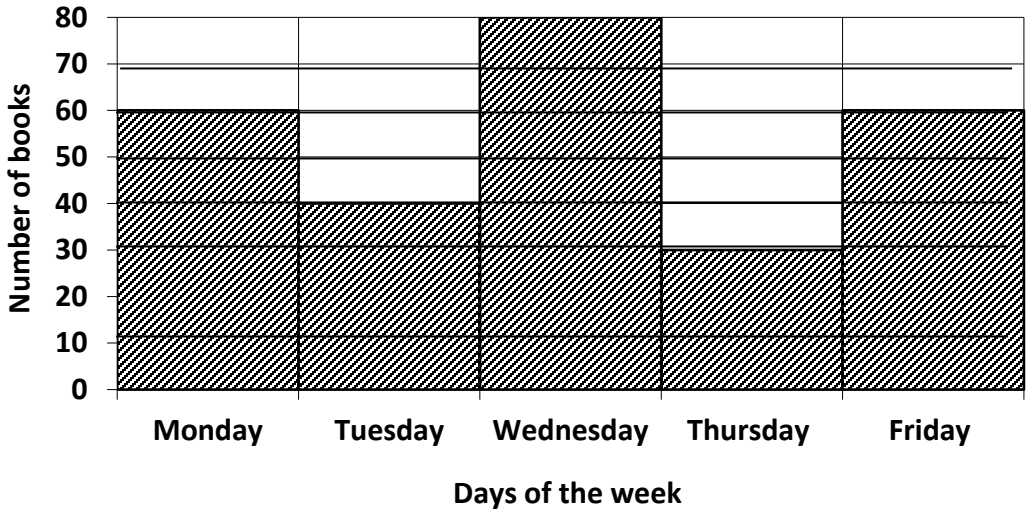
(iii) $\frac{\mathbf{1}}{\mathbf{2}}$ _____ $\frac{1}{4}$

(b) Joan and Jane shared an orange. Joan took the shaded part and Jane took the un shaded part.



(2 mar

	(i) Write the fraction that Joan took. _____ (ii) Write the fraction that Jane took. _____	(2 marks)
22.	Given that set A = { 3, a, b, 4} and set B = { a, b, c, d} (a) How many members are in set **A?**	(2 marks)
	(b) List the common members of set **A** and set **B**.	(2 marks)
	(c) Shade set A union set B.  	(1 mark)
23.	The graph below shows the number of books read by P.3 children in 5 days.	



(2 marks)

(a) On which day did they read the highest number of books**?**

(b) On which two days were the same number of books read**?** (2 marks)

(c) How many books were read on Monday**?** (2 marks)

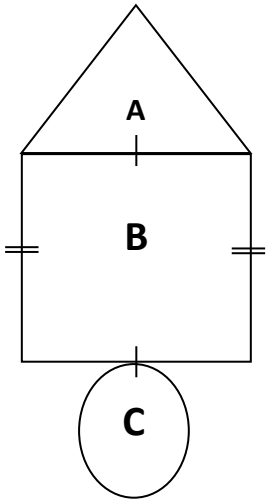
24. Given the digits. 5, 3, 4

(a) Form the biggest three digit number. (2 marks)

(b) Form the smallest three digit number. (2 marks)

(c) Find the sum of the biggest and smallest numbers formed. (2 marks)

25. **The diagram below shows different shapes**. (1 mark @)



(a) Name the shapes A, B and C.

A = _____

B = _____

C = _____

(b) Which shape is of a chalkboard in your classroom**?** (1 mark)

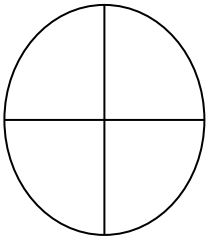
26. Study the price list below and answer questions that follow.

Item	**Cost per item**
Milk	Shs. 1,500
Bread	Shs. 4,000
Sugar	Shs. 3,500

(2 marks)

	a) How much will Moses pay for one litre of milk and one kilogram of sugar altogether**?**	
	b) How much is the; (i) most expensive item**?**	(1 mark)
	(ii) cheapest item**?**	(1 mark)
27.	**(a) Add:** **Hours** **Minutes** 4 24 + 3 15 _____ ═══	(2 marks)
	(b) How many minutes are in one hour**?**	(2 marks)
28.	Solve the equations. (i) ☐ + 7 = 17	(2 marks)

(ii) 18 – ☐ = 10	(2 marks)
(iii) 10 + ☐ = 12	(2 marks)
29. Work out: **a)** **M** **Cm** 4 40 + 2 15 **b)** **Kg** **g** 8 450 – 3 210	(2 marks@)
30. (a) Add: **3 + 4** using a numberline. 	(2 marks)
(b) Use a numberline to work out. **2 x 3 =** 	(2 marks)

31.	A teacher recorded ages of two children. **Jane** **14 years old** **Juliet** **15 years old** (a) Who is older**?**	(2marks)
	(b) Find their total age.	(2 marks)
32.	(a) Divide: $2\overline{)46}$	(2 marks)
	(b) Write $\frac{1}{2}$ in words.	(2marks)
	(c) Shade $\frac{1}{4}$ in the figure below. 	(2 marks)

PAPER 3

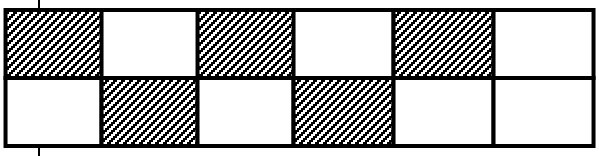
SECTION A (20 QUESTIONS – 40 MARKS)

21. Add:

$$\begin{array}{r} 2\ 3\ 4 \\ +\ \ 2\ 5 \\ \hline \\ \hline \end{array}$$

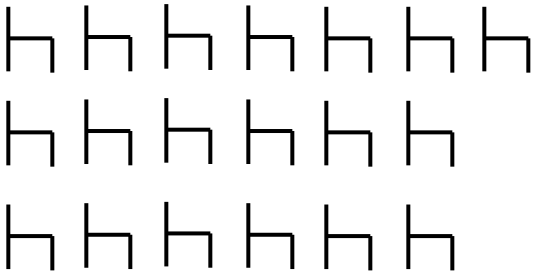
22. A = { a , b , c , d , e , }. How many members are in set A?

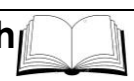
23. Write the Un-shaded fraction.



24. My sister is twenty years old. Express her age in Roman Numerals.

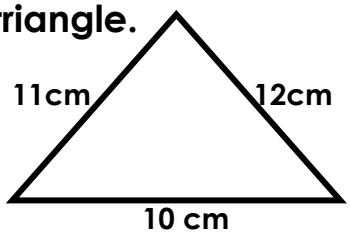
25. Count and write the number word for;



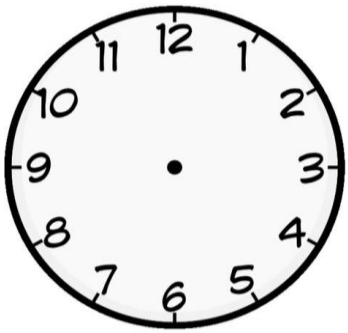
26. Given th  = 10 books and

How many books does John have in ?

27. Find the distance round the triangle.



28. Show 8:00 O'clock on the clock face below



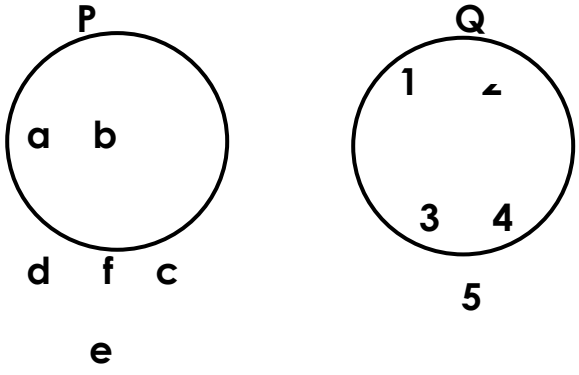
29. A ruler costs Shs. 1000 and a pencil costs Shs. 800. Find the total cost of both items.

30. Fill in the missing numbers.

____	450	451	542
453	454	455	456
457	____	459	460

31. Expand 2386.

32. Which set has more members?



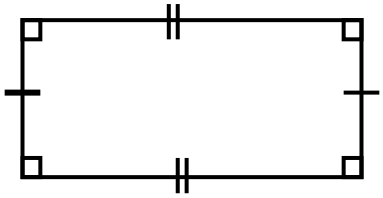
_____

33. Subtract, "Thirty nine" <u>from</u> "Ninety nine."

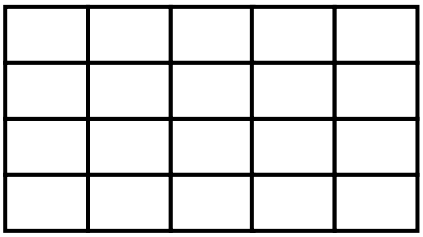
34. Draw for the next missing number.

, , , _____

35. Name the shape below.



36. Find the area of the rectangle by counting the square units.



= _____ square units.

37. <u>Match correctly</u>.

33 – 22	one hundred
45 + 50	eleven
	Ninety five

38. Draw a set of 12 cups.

39. Find the value of 6 in 467.	40. Draw a square in the space below.

SECTION B (12 QUESTIONS – 60 MARKS)

33. Given that K = { 0 , 1 , 3 , 4 , 7 } L = { 7 , 8 , 9 , 3 } (a) How many members are in set K?	(2 marks)
(b) Which set has less members?	(2 marks)
(c) List the members which are common in both sets.	(1 mark)

34. Complete the table below. (1 mark@)

Number symbol	Number word
_____	Nineteen.
40	_____
_____	Two hundred five.
110	_____
_____	Two hundred seventeen.

35. Given the digits. 3 , 2 , 4

1.	Form the biggest three digit number.	(2 marks)
2.	Form the smallest three digit number.	(2 marks)

3. Find the sum of the biggest and smallest numbers formed. (1 mark)

36. Study the shopping list below and answer the questions.

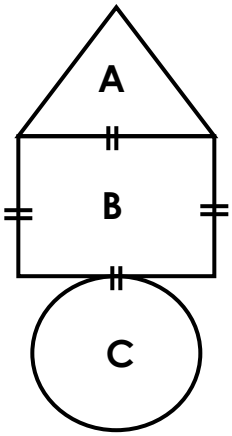
Sugar	Salt	Rice
Shs. 3500 a kg	Shs. 800 a packet	Shs. 2000 a kg

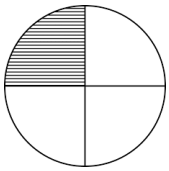
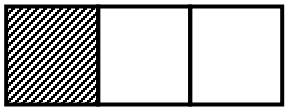
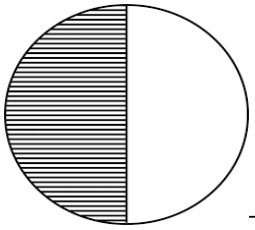
(a) Which is the most expensive item on the list? (1 mark)

(b) How much is the cheapest item? (1 mark)

	(c) How much more does sugar cost than rice?	(1 mark)
	(d) Find the total cost of a packet of Salt and a litre of milk.	(2 marks)
37.	Fill in the missing numbers in the gaps. (a) _____ + _____ = 9	(2 marks)

(b) _____ + _____ = 30	(2 marks)
(c) _____ x _____ = 15	(1 mark)
38. (a) Write the day between Thursday and Saturday.	(1 mark)
	(1 mark)
(b) _____ is the first day of the week.	(2 marks)
(c) How many days are in 3 weeks?	(1 mark)

(d) Which day comes before Monday?	
39. The figure below is a combined shape.  (a) Name the shapes labelled ; A _____ B _____ C _____	(1 mark @)
(b) How many sides does shape;	

(i) A have? _____ _____ (ii) B have? _____ _____	(1 mark) (1 mark)
40. a) Write the word name for the shaded fraction. e.g  **a quarter** (i)  _____ (ii)  _____	(2 marks) (2 marks)

(c) Shade $\frac{2}{5}$ of the diagram.	(1 mark)
41. Work out and fill in the missing numbers. (a) $\square$ + 8 = 9	(2 marks)
(b) 6 - $\square$ = 2	(1 mark)
(c) 3 x $\square$ = 12	(2 marks)

42. Damalie is 26 years old. Mary is 10 years old. **(a) Who is older?**	**(2 marks)**
(b) What is their total age?	**(2 marks)**
(c) How old will Mary be in 7 years time?	**(1 mark)**
43. Work out: a) 5 3 6 4 **- 4 2 1 0** _____	**(2 marks)**

(b) 6 8 4 + 4 0 3 _____ _____	(2 marks)
(c) 4 3 2 x 3 _____ _____	(1 mark)
44. The table below shows marks Agaba got in Midterm One exams. (a) How many marks did he score in science?	(2 marks)
(b) Which subject was done best?	(1 mark)

Subject	English	Mathematics	Science
Marks	95	100	90

	(c) Find the marks he got in Mathematics and Science altogether.	**(2 marks)**

PAPER 4

SECTION A (20 QUESTIONS – 40 MARKS)

41. Add;

a)
$$\begin{array}{r} 3\ \ 4 \\ +\ 5\ \ 2 \\ \hline \\ \hline \end{array}$$

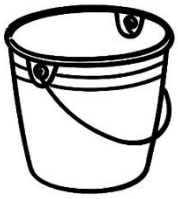
42. Given the number 2674, find the place value of 7

43. What does this symbol mean?

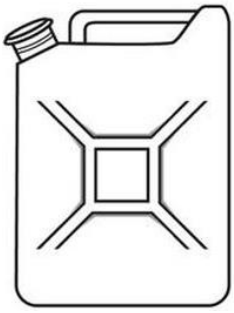
$\varnothing$

44. Write 53 in words.

45. Use the diagrams below to answer the question that follow.



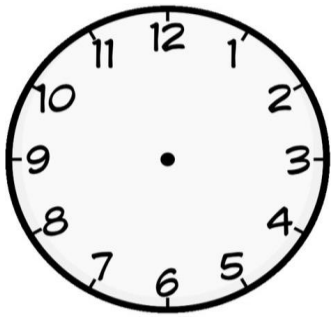
A bucket



A jerrycan

Which container holds more water?

46. Draw a set of 9 flowers

47. Change 120 minutes to hours.	**48. Work out;** $4\overline{)84}$
49. Mum put 25 sweets on a Christmas tree. Ben ate four and Clare ate three. How many sweets remained on the tree?	**50. Eric had 8 apples. He ate $\frac{1}{2}$ of them at lunch time. How many apples remained?**
51. A lesson started at 8:15am. Show this time on the clock face below.  	**52. The cost of a litre of milk is shs. 1200. Find the cost of buying three litres of milk.**

53. Write the next numbers in the sequence .

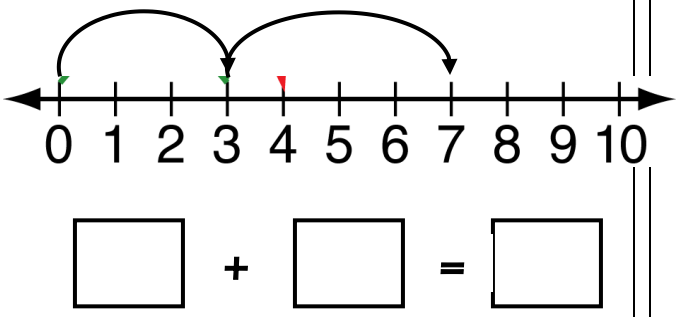
40, 50, 60, 70, _____, _____

54. In a class, there are 43 girls and 11 boys. How many pupils are in the class altogether?

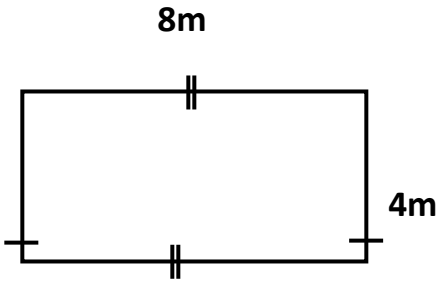
55. Multiply;

$$\begin{array}{r} 423 \\ \times \quad 3 \\ \hline \\ \hline\hline \end{array}$$

56. Fill in the boxes.



57. Find the perimeter of this shape.



58. Subtract;

$$\begin{array}{r} 96 \\ -\ 36 \\ \hline \\ \hline \end{array}$$

59. Fill in correctly. **4 + 3 = ____ + 4 = _____**	**60. Given that k = 5, find the value of 2k.**

SECTION B (12 QUESTIONS – 60 MARKS)

61. (a) Write the number that comes just before; . **i) _____, 79** **ii) _____, 50**	**(2**
(b) Write the number between 87 and 89.	**(2**

62. The pictures below are of P.3 girls in Mowogo P/S.

Study them and answer the questions that follow.

45Kg

26Kg

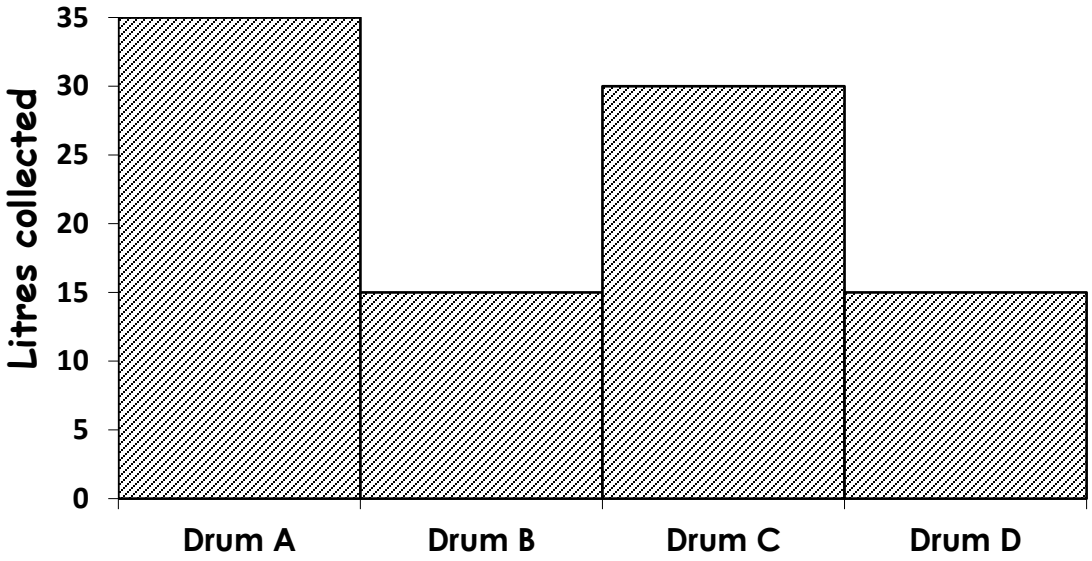
Fatuma

(c) Who is taller? **(1 mark)**

(d) How many kilogrammes does Fatuma weigh? **(1 mark)**

(e) Find their total mass. **(2 marks)**

	63. **(a) I saw 2 cats and 1 dog outside. How many legs did I see?**	**(3**	**marks)**
	(b) Today is Monday and my birthday is in 5 more days to come. What day of the week is my birthday on?	**(3**	**marks)**
	64. **The bar graph below shows how Clara collected water in different drums.**		



(a) How many litres did she collect in drum B? (2 marks)

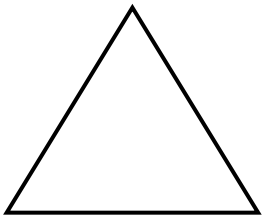
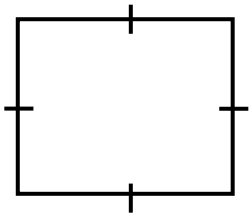
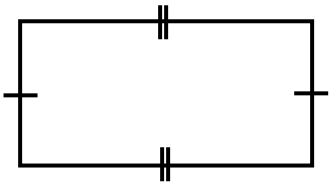
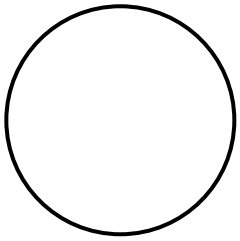
(d) Which drum had the highest number of litres? (2 marks)

(e) Find the total number of litres in drum A and drum D. (2 marks)

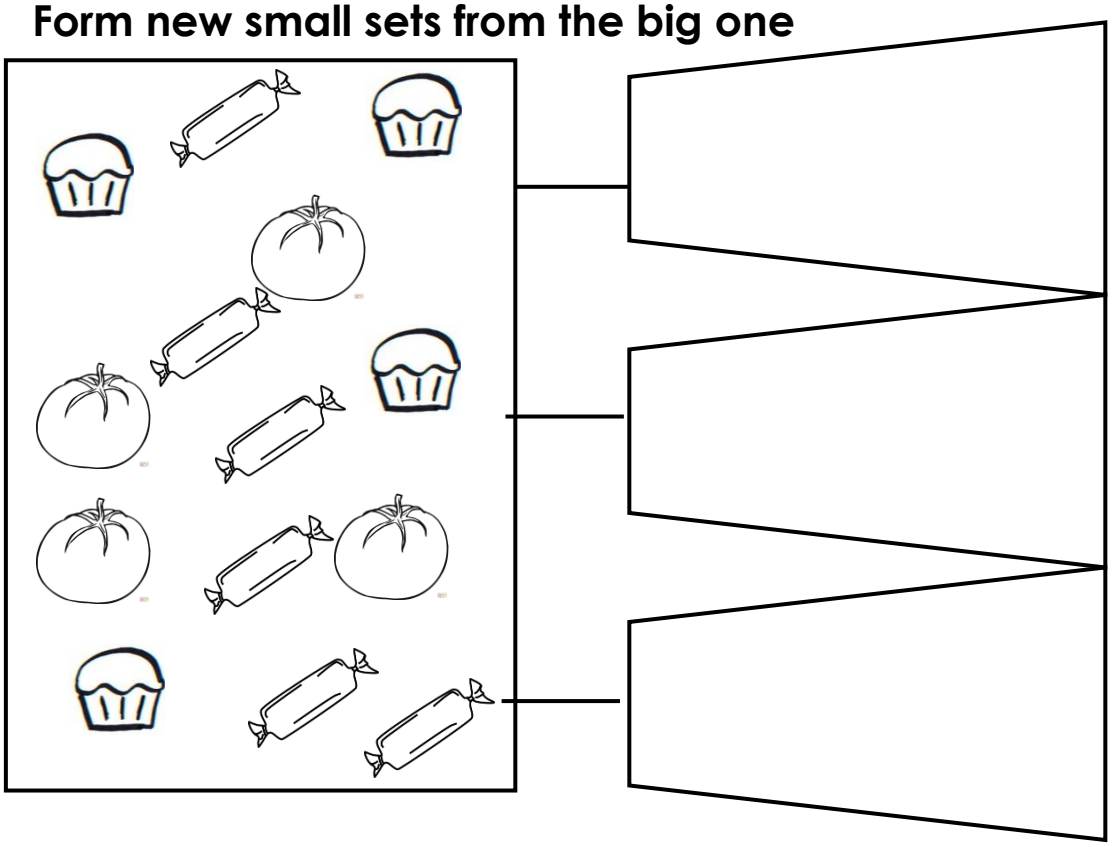
65. (a) Shade $\frac{1}{3}$ of the figure below.		**(2 marks)**
(b) Work out ; $\frac{2}{12}+\frac{5}{12}=$=		**(2 marks)**
66. Below is a shopping list. Use it to answer questions that follow **A book at shs. 2,000** **A pencil at shs. 150** **A rubber at shs. 1500** **1. What is the cheapest item?**		**(1 mark)**
(b) Find the total cost of a rubber and a book.		**(2 marks)**

(c) Find the cost of buying four similar books. (2 marks)

67. Name the geometric shapes below. (4 marks)

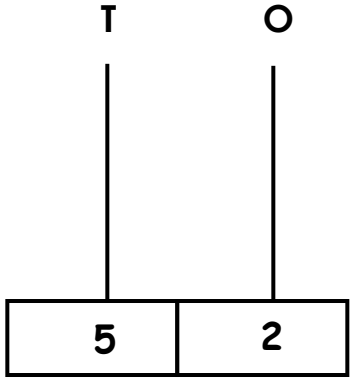
	
	

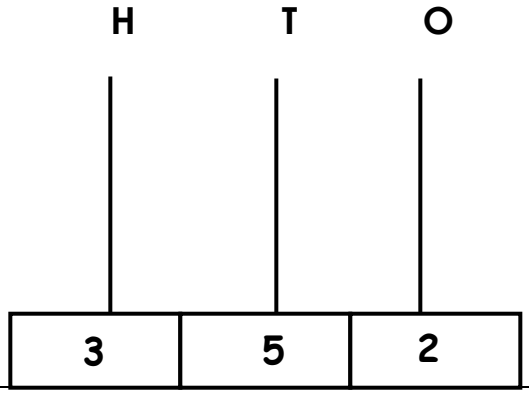
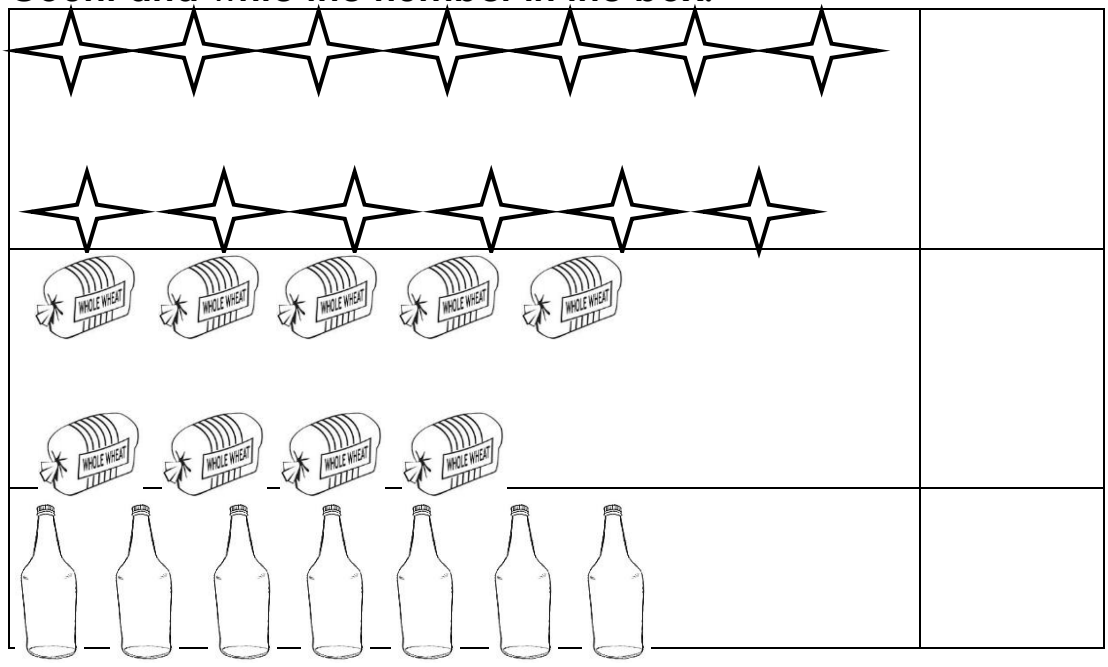
68. Form new small sets from the big one **(6 marks)**



69. Show these numbers on the abacus. **(2 marks)**

(a)



		(2 marks)
70.	(a) Match the words to their figures. (i) Fifteen 9 (ii) Thirty two 24 (iii) Sixty six 32 (iv) Nine 15 (v) Twenty four 66	(5 marks)
71.	Count and write the number in the box. 	(6 marks)

72.	**(a) Simplify; m + 2m + 3m =**	**(2 marks)**
	(c) Solve ; 2m = 8	**(2 marks)**
	(d) Find the missing number in the box; **+ 4 = 15**	**(2 marks)**

PAPER 5

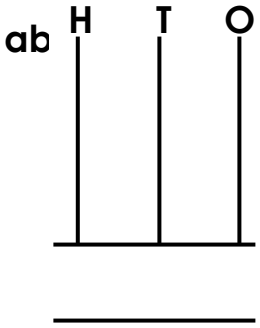
SECTION A (20 QUESTIONS – 40 MARKS)

(2 marks)

73. Add:
$$\begin{array}{r} 3\ 2 \\ +\ 1\ 6 \\ \hline \\ \hline \end{array}$$

74. Write 48 in words.

75. Show 3 0 1 on the abacus.



76. In the space below, draw a set of five balls.

77. Mary had some eggs and eight of them got broken. If she remained with 12 eggs, how many eggs did she have at first?

78. What time is shown on the clock face?

79. Add using a number line.

4 + 3 =

_____

80. Racheal bought 4 books at Shs.1000 each. How much money did she pay?

81. Write 22 in Roman numerals.

82. Draw and name a three sided figure in the space below.

83. What is the place value of 2 in the number 3 2 5?

84. Find the next numbers in the sequence.

3 , 6 , 9 , 12 , 15 , 18 , 21 , 24 , ___ , ___

85. Use "more" or "less" to compare the sets.

G

1 2
3 4

H

a b
c

Set G has _____ members than set H.

86. Sserumaga bought 28 mangoes from the supermarket and shared them equally among his 7 children. How many mangoes did each child get?

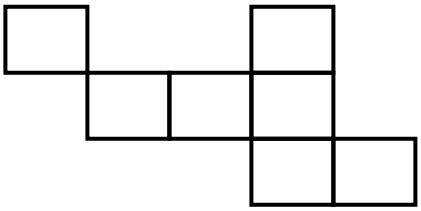
87. $\frac{1}{5} + \frac{2}{5} =$ _____

88. If represents 4 bags.

How many bags are rep y

?

89. Shade $\frac{3}{7}$ in the figure below.



90. Write "Four hundred forty eight" in figures.

91. Find the missing number.

☐ - 0 = 12

92. <u>Match correctly</u>.

Ninety nine	199
	99
	909

SECTION B (12 QUESTIONS – 60 MARKS)

45. Below is a price list, study it carefully and answer questions that follow.

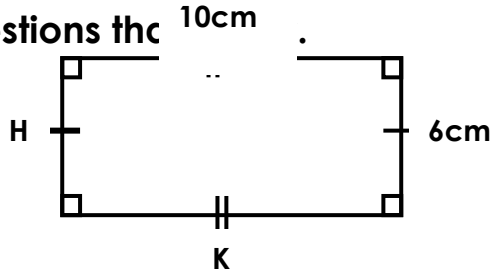
Item	Price
A cluster of bananas each.	Shs. 4500
A kg of rice per kg.	Shs. 4000
Beef 10,000 each kg.	Shs.
Tomatoes each kg.	Shs. 2000

(d) How much are 2 kg of tomatoes? **(2 marks)**

(e) If Akena had Shs.10,000 and bought a kg of rice, how much did he remain with? **(3 marks)**

46. Given the number 4,859 **(a) Write the place value of 8 in the number above.**	**(2 marks)**	
(b) Write the above number in words.	**(2 marks)**	
(c) Expand the above number using values.	**(1 mark)**	

47. Study the figure below and answer the questions tho



1. Find the value of H and K.

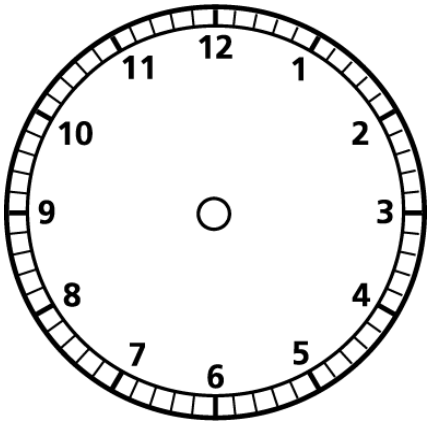
(i) H _____ **(1 mark)**

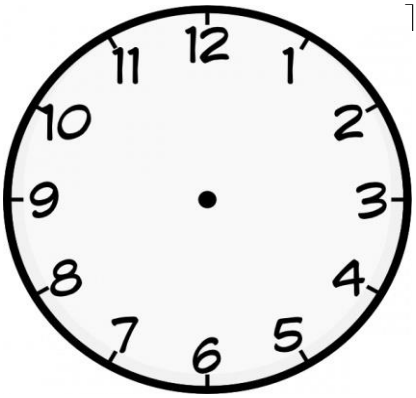
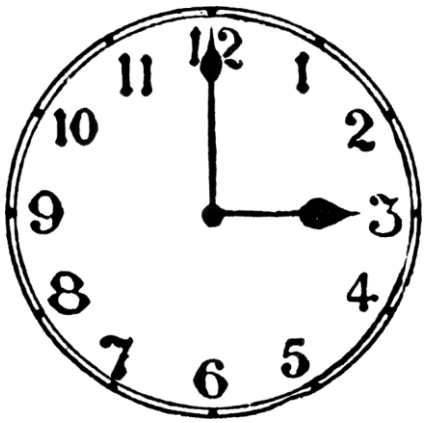
(j) K _____ **(1 mark)**

2. Find the perimeter of the above figure. **(2 marks)**

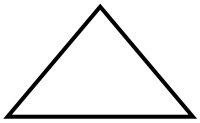
(c) What is the area of the figure above?	(2 marks)	
48. <u>Match the number symbols to their names.</u> 91 — nineteen 202 — two hundred twenty 20 — two hundred two 220 — twenty 19 — ninety one	(5 marks)	
49. The date today Fri. | 8th | July | 2017 (d) Write the month shown on the chart above. _____	(1 mark)	

(e) Write Fri. in full. _____	(1 mark)	
(f) Which date will it show on Thursday the same week? _____	(2 marks)	
50. (a) What number has been expanded to give 6000 + 600 + 50 + 7 ?	(2 marks)	

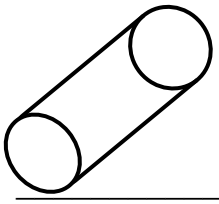
(b) What is the value of 3 in the number 3 4 8?	(3 marks)	
51. <u>Show the following time on the clock face.</u> (a) A half past 6 o'clock  	(2 marks)	

(b)  10 : 15	(2 marks)	
(c) What is the time shown on the clock face?  _____	(1 mark)	

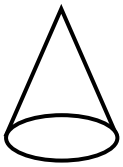
52. **Name the shapes below.**

(a) 

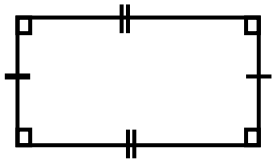
_____ **(1 mark)**

(b) 

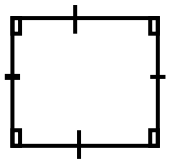
_____ **(1 mark)**

(c) 

_____ **(1 mark)**

(d) 

_____ **(1 mark)**

(e) 

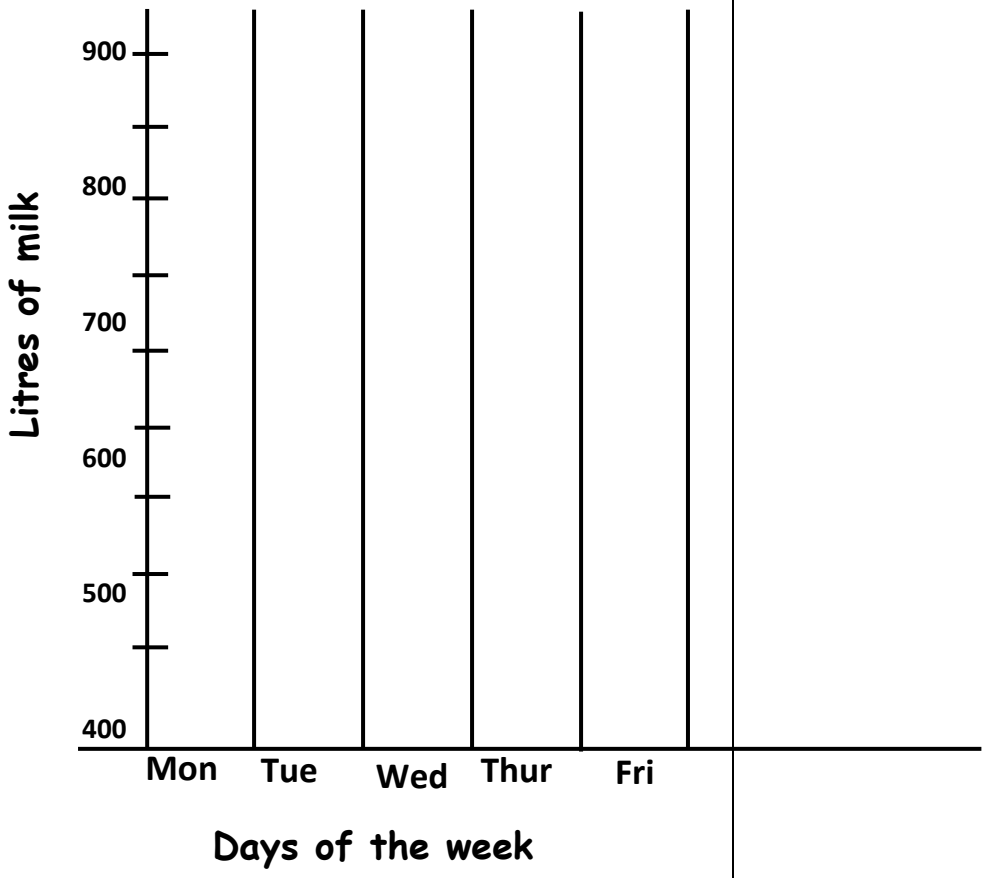
_____ **(1 mark)**

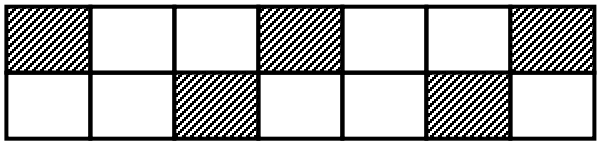
53. Paul is 10 years old and Kato is 12 years old. **(b) Who is younger?**	**(1 mark)**	
(f) How old is Kato?	**(2 marks)**	
(g) Calculate their total age.	**(2 marks)**	

54. The table below show the litres of milk collected at Kazibwe's farm from Monday to Friday. (5 marks)

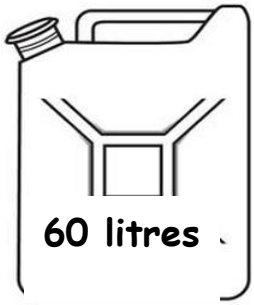
Monday	Tuesday	Wednesday	Thursday	Friday
300	700	100	500	400

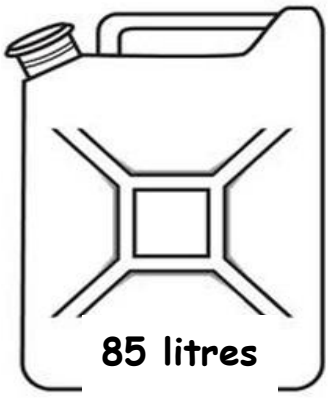
Represent the above information on the bar graph below.



55. Below is a whole divided into fourteen equal parts?  **(d) What fraction is shaded?**		**(2 marks)**
(e) Write the un-shaded fraction in words.		**(2 marks)**
(f) Add: $\frac{1}{3} + \frac{1}{3}$		**(1 mark)**

56. The containers G and H have water in them.





(a) Which container is holding more water? (1 mark)

(b) How much water is in the smaller container? (2 marks)

(c)	Find the total amount of water in the two containers.	(2 marks)

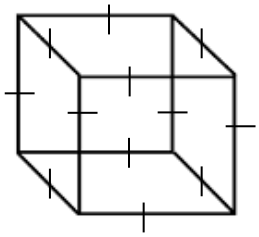
PAPER 6

SECTION A (20 QUESTIONS – 40 MARKS)

93. Add;

$$\begin{array}{r} 7 \\ +\ 3 \\ \hline \\ \hline\hline \end{array}$$

94. Name the shape below.



_____

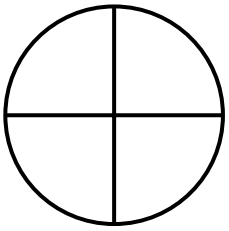
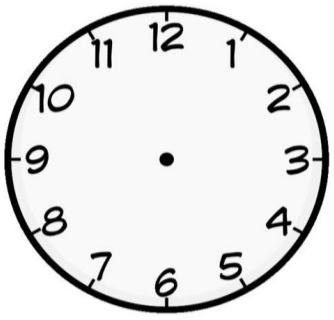
95. Add: $\frac{3}{7} + \frac{2}{7} =$ _____

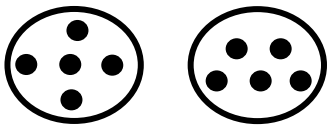
96. Given that a = 2 and b = 6.
Find the value of a x b.

97. Write Seven thousand twenty in figures.

98. Given th represents 4 girls.

I many girls are represented by

99. Shade a half. 	**100. Fill in the missing number in the sequence and mulitply it by 4.** **4, 8, ____, 16, 20**
101. On the clock face below, show five O'clock. 	**102. Find and fill in the missing number.** **____ – 7 = 3**
103. Write 23 in Roman numerals.	**104. Draw a set of seven tomatoes.**

105. How many days are in the month of July?	**106. Fill in the missing numbers.**  **_____ groups of _____** **_____ x _____ = _____**
107. Martha went to the shop with a note of shs. 5,000. If she bought a packet of milk at shs. 3,000. How much was her change?	**108. A P.3 class has 60 pupils. If on each table there are 4 pupils, how many tables are in that class?**

109. Match the correct numbers in A to B.

A	B
Eleven	40
Ten	15
Twenty	12
Forty	30

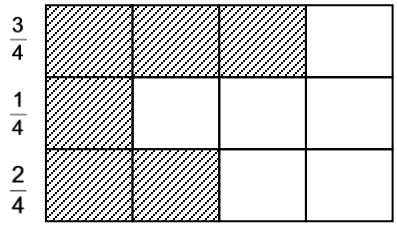
110. Complete the table below.

Boys	Girls	Total
235	150	_____

111. Name the set symbol

_____

112. Arrange the shaded fractions shown on the diagram starting with the smallest.

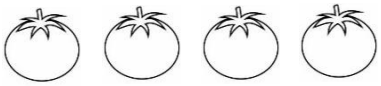
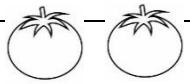
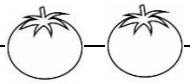


_____

SECTION B (12 QUESTIONS – 60 MARKS)

57. Subtract these numbers . **(d)** T O 8 5 **–** 2 3 _____ _____	**(2**
(e) T O 6 7 **–** 3 4 _____ _____	**(2**
(f) Maria bought a sweet at shs. 500 and an orbit at shs. 400. How much money did she spend altogether?	**(2**

58. Study the graph below and answer the questions that follow.

Sarah	
Joy	
Joan	
Tendo	

Scale : stands for 5 tomatoes.

(f) Who had the highest number of tomatoes? **(1 mark)**

(g) Find the tomatoes of; **(2 marks)**

(iii) Tendo **(ii) Joan**

(h) Find the total number of tomatoes for Tendo and Joy. **(2 marks)**

	59. (a) (i) Change 28 days into weeks.		**(1 mark)**
	(iv) Change 3 weeks into days		**(1 mark)**
	(b) Work out ; **(i) Hours Minutes** **6 50** **– 4 30**		**(1 mark)**
	(ii) Weeks Days **4 6** **– 2 4**		**(1 mark)**

60. Study the items below with their prices and answer questions that follow.

Shs. 3,000

Shs. 1,000

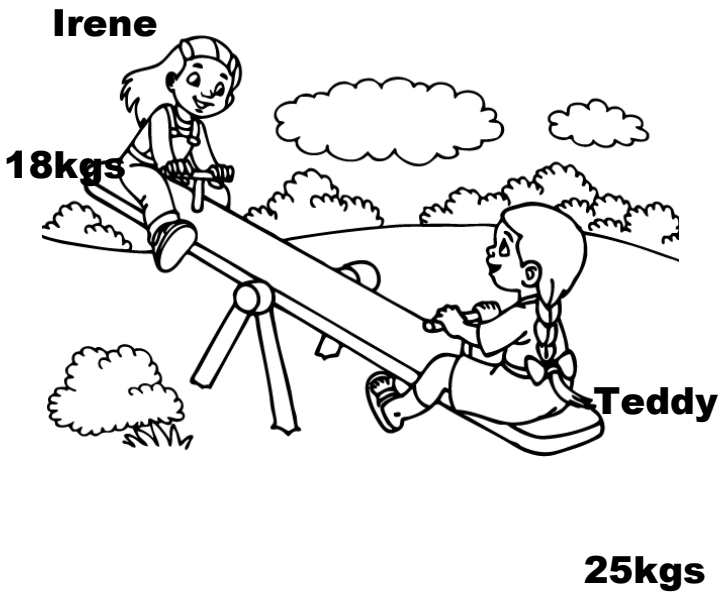
Shs. 1,200

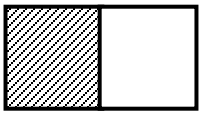
(a) How much is 1kg of salt? (1 mark)

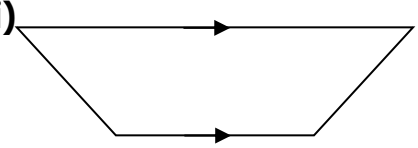
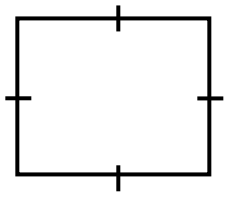
(b) Name the most expensive item. (1 mark)

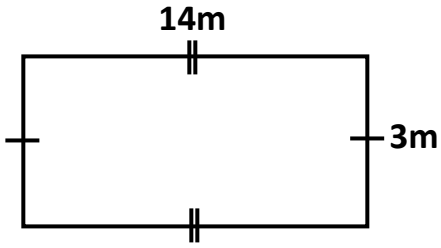
(c) Find the total cost of all the items. (2 marks)

(d) Find the cost of buying 4 litres of milk. (2 marks)

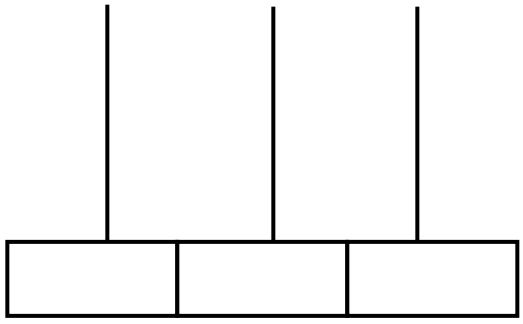
61.	(a) Sempala uses 2 half litre packets of milk every day. How many half litre packets does he use in 3 days?	(2	marks)
	(b) Maria was born in 2002. How old is she now?	(2	marks)
62.	Study the sea saw below and answer the questions that follow.  		

(a) Who is heavier?		(1 mark)
(b) Write the mass of Irene.		(1 mark)
(c) Find the total mass of Teddy and Irene		(2 marks)
63. (a) Name the unshaded fractions. (i)  _____		(1 mark)
(ii) _____		(1 mark)

	(b) A primary three girl ate $\frac{2}{7}$ of a sugarcane. What fraction of the sugarcane remained?	(2 marks)
64.	(a) Name the shapes. (vi)  (ii)  _____ _____	(2 marks)
	(b) Draw these shapes (i) cone (ii) triangle	(4 marks)

65. Below is a rectangle. Use it to answer questions that follow.  (a) How many sides does the above shape have?		(2 marks)
(b) Find its (i) Area		(2 marks)
(ii) Perimeter		(2 marks)

66.	Study the venn diagram below and answer the questions about it. Set A = { 2, 4, 5, 6, 10} Set B = { 1, 2, 3, 5, 8, 9} (e) How many members are in set A?	(1	mark)
	(f) How many members are in set B?	(1	mark)
	(g) How many members are in set A and are also in set B?	(2	marks)
	(h) List the members of Set A and are also in set B.	(2	marks)
67.	Mrs. Wandera has 72 books, 24 pens, 38 wrappers and 50 Pencils. (d) Find the total number of books and wrappers.	(2	marks)

	(e) Find the total number of pens and pencils.	(2 marks)
68.	(a) Write **203** in words.	(2 marks)
	(b) Write the place value of **3** in the figure; **203**	(1 mark)
	(c) Show **203** on the abacus below. Hundreds Tens Ones 	(2 marks)

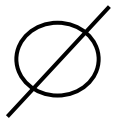
PAPER 7

SECTION A – (40 MARKS)

33. Work out:

$$\begin{array}{r} 33 \\ +\ 11 \\ \hline \\ \hline \end{array}$$

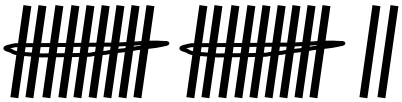
34. Write the name of the set symbol below.



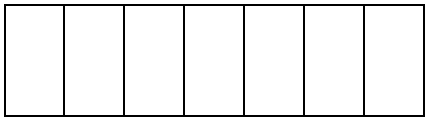
_____

35. Draw a rectangle in the space below.

36. Write the number word for the bundles below.

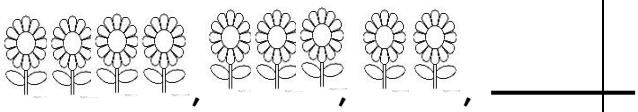


37. Shade $\frac{2}{7}$ of the diagram below.



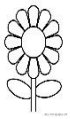
38. A mother shared 36 books among her three sons. How many books did each get?

39. Draw the next picture for the pattern.

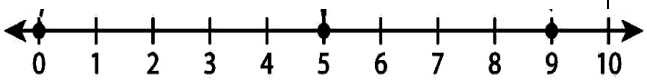


40. Expand 528 using values of each digit.

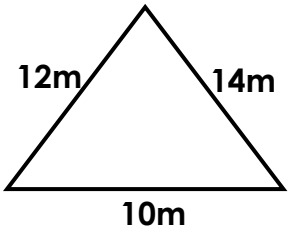
41. Write the time shown on the digital watch below in worc

42. Given that  represents 10 Flowers,
draw pictures to represent 40 flowers.

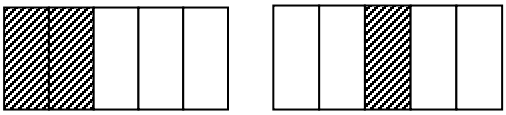
43. Multiply: 2 x 3 using the numberline below.



44. Find the distance around the triangle below.



45. Add the shaded fractions.



_____ + _____ =

_____

46. Write the third last month of the year.

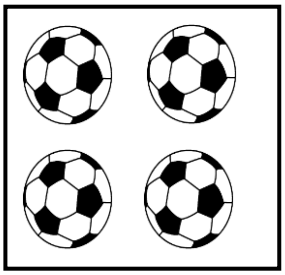
47. Joan is 23 years old. Express her age in Roman Numerals.

48. A book costs Sh. 1500. Find the cost of these books.

49. Fill in the missing number in the box.

☐ + 10 = 30

50. Name the set below.

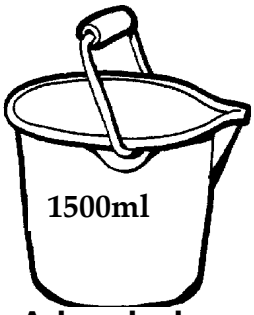


51. Represent 402 on the abacus below.

H T O

_____

52. Which container holds more water?



A bucket

A bottle

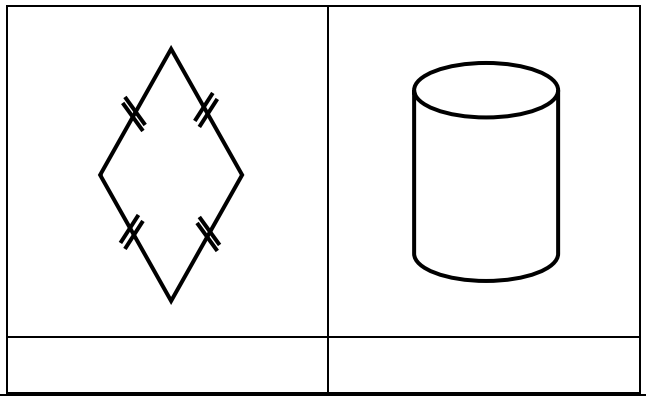
SECTION B

53. Match correctly. (1 mark)

2 + 5	1
13 x 0	7
8 ÷ 4	0
100 – 99	2

54. A man planted 324 trees in his garden.

(a) Write the above number in words. (2 mar

(b) Find the place value of 2 in the above number.	(2 marks)
(c) Work out: 36 + 324	(2 marks)
55. In the space below draw; (a) circle | square	(1mark@)
(b) Name these shapes. 	(1mark@)

56. Mr. Ochieng went for shopping and bought the following items. **1 loaf of bread at Shs.4500.** **1 bar of soap at Shs. 4000.** **1 packet of match box at Shs.1000.** **(d) What was the cheapest item?**	**(1 mark)**
(e) How much did he pay for the most expensive item?	**(1 mark)**
(f) How much money did he spebd altogether?	**(3 marks)**
57. Nicole is 8 years old. Sam is 10 years old. **(a) Who is older?**	**(2 marks)**

(b) Find their total age. (2 marks)

(c) How old will Nicole be in 5 years time? (2 marks)

58. Work our correctly. (2 marks@)

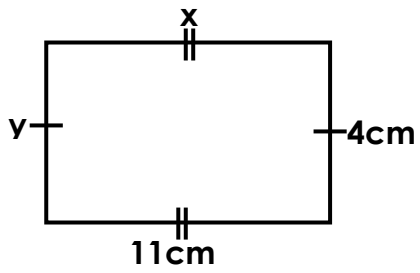
(a)
$$\begin{array}{r} 2\ 4\ 1\ 5 \\ 3\ 5\ 7\ 1 \\ +\ 1\ 0\ 1\ 2 \\ \hline \\ \hline \end{array}$$

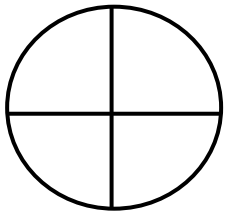
(b)
$$\begin{array}{r} 8\ \ 9\ \ 4 \\ -\ \ 4\ \ 6 \\ \hline \\ \hline \end{array}$$

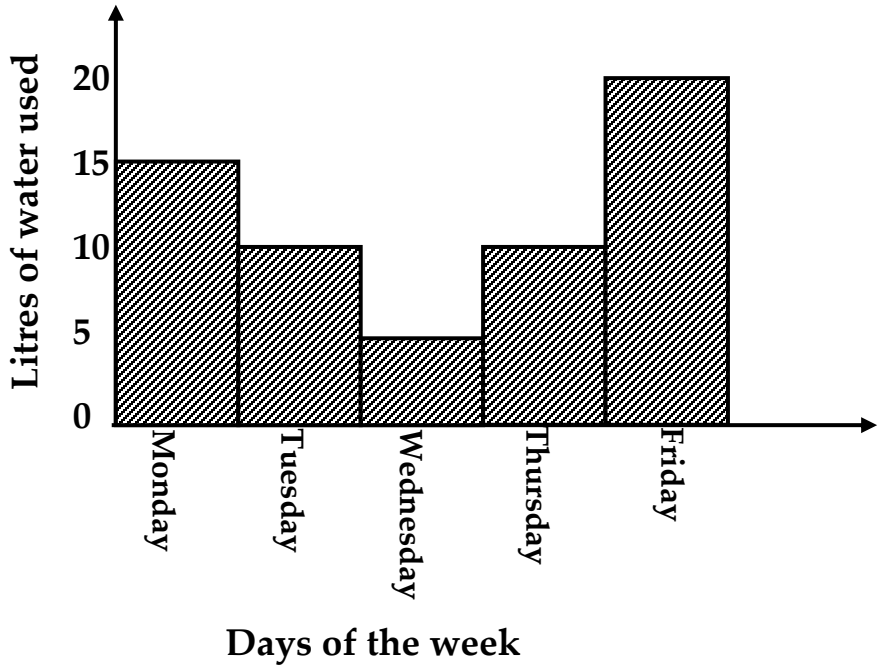
(c)
$$\begin{array}{r} 1\ 3\ 0\ 0 \\ \times\ \ \ \ \ \ 3 \\ \hline \\ \hline \end{array}$$

59. Fill in the table below correctly. (1mark@)

grammes	1000	_____	5000	_____	7000
kilogrammes	1	2	_____	10	_____

60. Work out and fill in the boxes correctly. **(iv) 6 + 7 = ☐**	**(2 marks)**
(v) 6 x ☐ = 12	**(2 marks)**
(vi) ☐ - 3 = 5	**(2 marks)**
61. Study the diagram below and answer the questions that follow.  **(a) How many sides has the figure above.**	**(1 mark)**
(b) Find the value of; **x = _____ y = _____**	**(1mark@)**

(c) Calculate the area of the shape above.	**(2 marks)**
62. Shade $\frac{1}{2}$ on the diagram below. 	**(3 marks)**
(b) Arrange the fractions in order starting with the largest. $\frac{1}{5}$, $\frac{1}{4}$, $\frac{1}{3}$,	**(3 marks)**
63. Given the digits 3 , 1 , 4 **(d) Form the smallest three digit number.**	**(2 marks)**

(e) Form the largest three digit number.	(2 marks)
(f) Multiply: 3 x 1 x 4 =	(2 marks)
64. The bar graph below shows the amount of water used in a house every day.  	(1 mark)

(a)	On which day did they use the highest number of litres of water?	
(b)	On which days did they use the same amount of water?	(I mark)
(c)	Find the total number of litres used on Monday and Wednesday.	(2 marks)

PAPER 8

SECTION A – (40 MARKS)

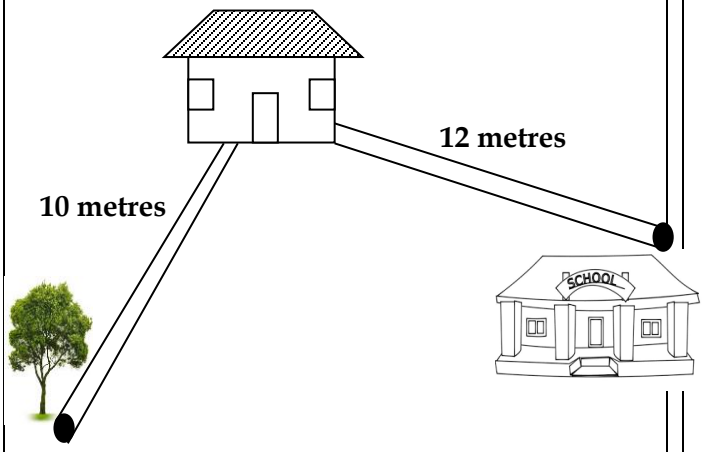
65. Write any two numbers that add up to 5

_____ + _____ = 5

66. Write any one day of the week that starts with letter "S"

67. Share 36 mangoes equally among 3 girls.

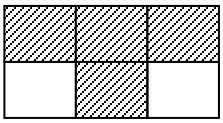
68. How far is the house from the tree according to the sketch map below?

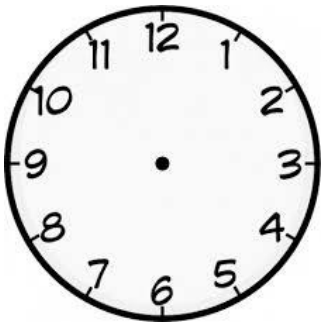
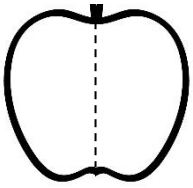


69. Match correctly.

	91
Nineteen	9
	19

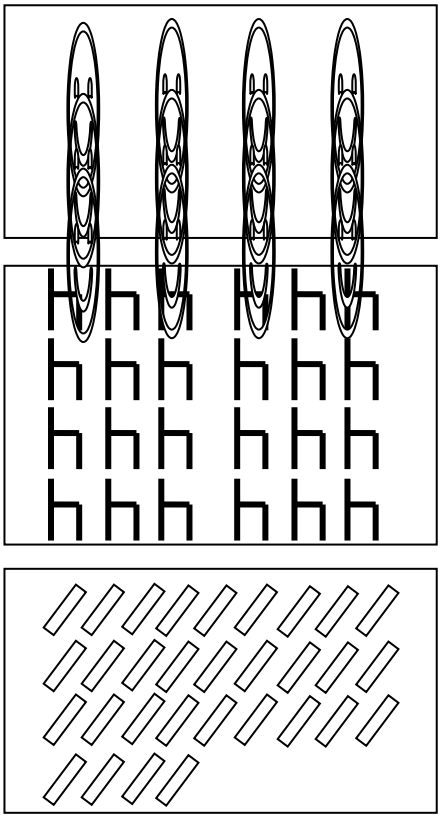
70. Kapere has 9 hens, 16 mangoes, 5 goats and 13 oranges. In his room. How many fruits are in his room altogether?

71. Find the place value of 2 in ; 4256	**72. Name the shaded fraction.** 
73. Akello had shs. 2,000 and bought a ruler at shs.1200. How much money did she remain with?	**74. Fill in the missing number.** ☐ **– 7 = 21**
75. Our cow gives us 14 litres of milk in the morning, and 11 litres in the evening. How many litres of milk does it give us in a day?	**76. If one book represents 4 books, draw books to represent 32 books.**
77. With the help of a sharp pencil and a ruler, draw a kite in the box below.	**78. Subtract 1 from the missing number in the sequence;** **3, 6, 9, 12, _____**

79. Work out; **132 x 10 = _____**	**80. How many similar containers of type A will the milk man measure for a customer in need of twelve litres?** **A**
81. On the clock face below, show **a half past 10 O'clock .**  	**82. Draw bundles to work out** **=**
83. Write two thousand sixteen in figures.	**84. Shade $\frac{1}{2}$ in the figure below.** 

SECTION B

85. Count and write the number symbol. **(6 mar**



_____

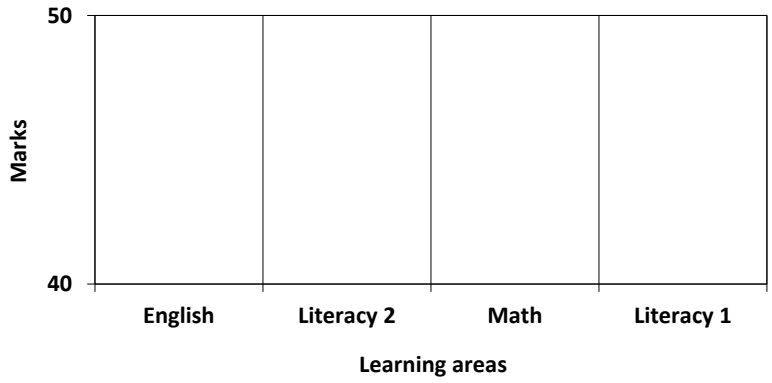
_____

_____

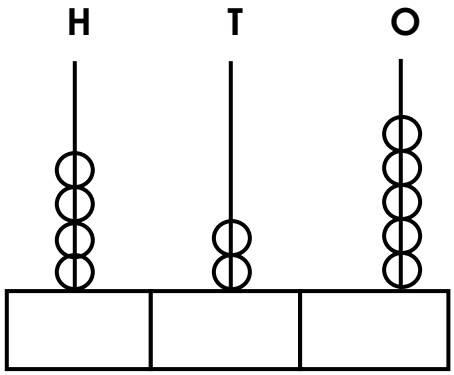
86. <u>Match correctly;</u> **(3 mar**

Two hundred nineteen	**304**
Three hundred four	**150**
One hundred fifty	**219**

87. Ritah got the following marks in Term one 2016.
10 in maths, 20 in English, 30 in Literacy I and 20 in Literacy II.
Show by shading the above information on the bar graph below. **(2 mar**



88. Study the abacus below and answer the questions that follow.



(a) What number has been shown? (2 marks)

(b) Write the number shown in words. (2 marks)

(c) Which number symbol comes after the number shown on the abacus? (2 marks)

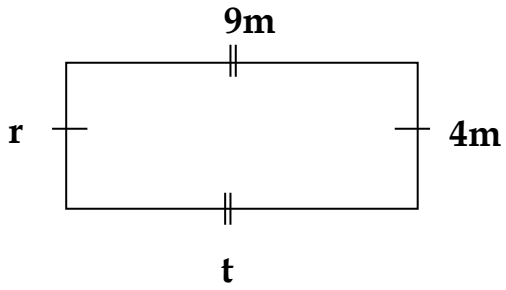
89. (a) Write the fractions in words. (6 marks)

(i) $\frac{1}{2}$ - _____

(ii) $\frac{1}{3}$ - _____

(b) Add ; $\frac{4}{11}+\frac{3}{11}+\frac{1}{11}$ =

90. Given the shape below, answer the questions that follow. (1 mark @)



(a) Find the value of ;

(i) t = (ii) r =

(b) Add 11m to the value of r. (2 marks)

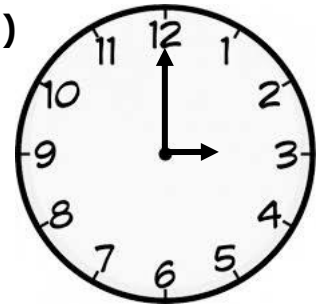
91. Use <, > or = correctly. (6 marks)

(a) 6 x 4 _____ 3 + 3 + 3

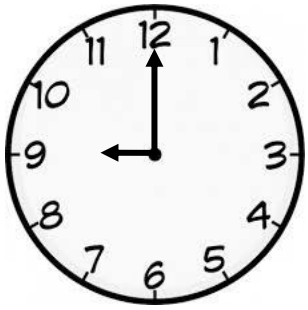
(b) 27 ÷ 3 _____ 6 x 3

(c) 10 + 8 20 + 4

92. Tell the time (1 mark @)

(a) 

_____

(b) 

_____

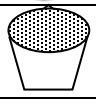
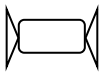
93. Draw a set of; (6 marks)

(a) three apples

(b) nine flowers

(c) five pencils

94. Anita went shopping and bought the following items.

Item	Price
a ball	Shs. 3,000
 a cake	Shs. 1,000
 a sweet	Shs. 500

c) Name the cheapest item.	(1 mark)
d) How much did Anita pay for a cake and a ball?	(1 mark)
e) How much did she spend altogether?	(2 marks)
f) If Anita had shs. 5,000, find her change.	(1 mark)

95. With the help of a sharp pencil and ruler, draw the shapes. (6 marks)

a trapezium	a square	a triangle

96. Solve; (2 marks)

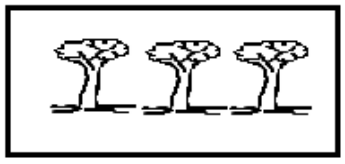
(a) w – 4 = 9

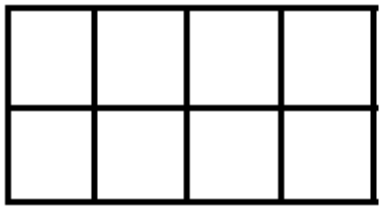
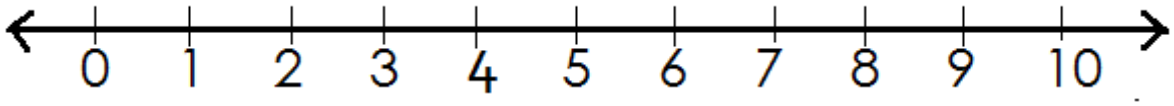
(b) p + 12 = 22	(2 marks)
(c) 5z = 30	(2 marks)
(d) ☐ x 2 = 8	(2 marks)

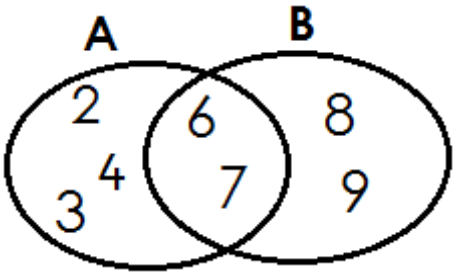
PAPER 9

SECTION 'A' (40 Marks)

1.	Workout: 3 4 6 + 2 1 3 _____	2	Workout: 9 ☐ + = 14
3.	Draw a set symbol for intersection set.	4.	Multiply: 3 1 2 x 3 _____
5.	Write the place value of 4 and 0 in the number below; 4 3 0 5	6.	Name the shape.

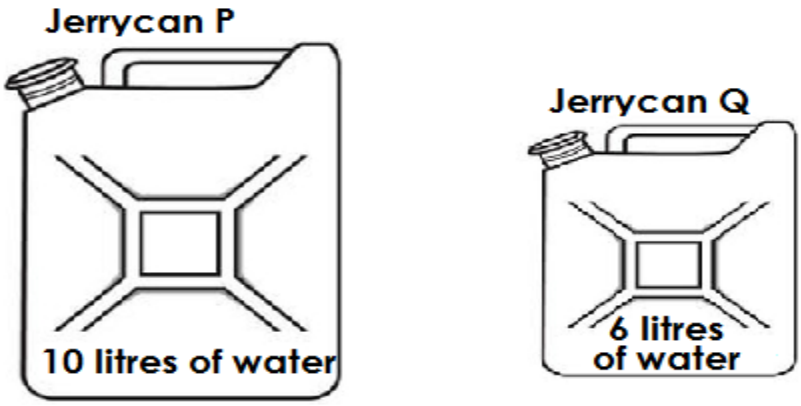
7.	Add: $\frac{3}{7} + \frac{2}{7} =$	8.	Write the expanded number; 400 + 20 + 6	
9.	What number comes after 66, _____	10.	Tell the time on the clock face. _____	
11.	Name the set drawn below.  _____	12.	John is 7 years old. Write his years in Roman numerals.	
13.	Subtract 3 from 7.	14.	Fill in the missing numbers.	

			1st, 2nd, _____, 4th, 5th, _____	
15.	How many legs do two cows have if one cow has four legs?	16.	Shade $\frac{3}{8}$ on the diagram.  _____	
17.	Add using a number-line. **5 + 4 =** 			
18.	Set K = { 2, 4, 5, 6, 8 } and set M = { 1, 3, 6, 7, 8 }.	19.	Arrange these numbers starting from the smallest.	

	Find K ∩ M.			
20.	Margret is 10 years. John is 8 years. Find their total age.			
	SECTION 'B' (60 MARKS)			
21.	Study the venn diagram below and use it to answer the questions that follow.  List all members of; ***(1 mark each)***			

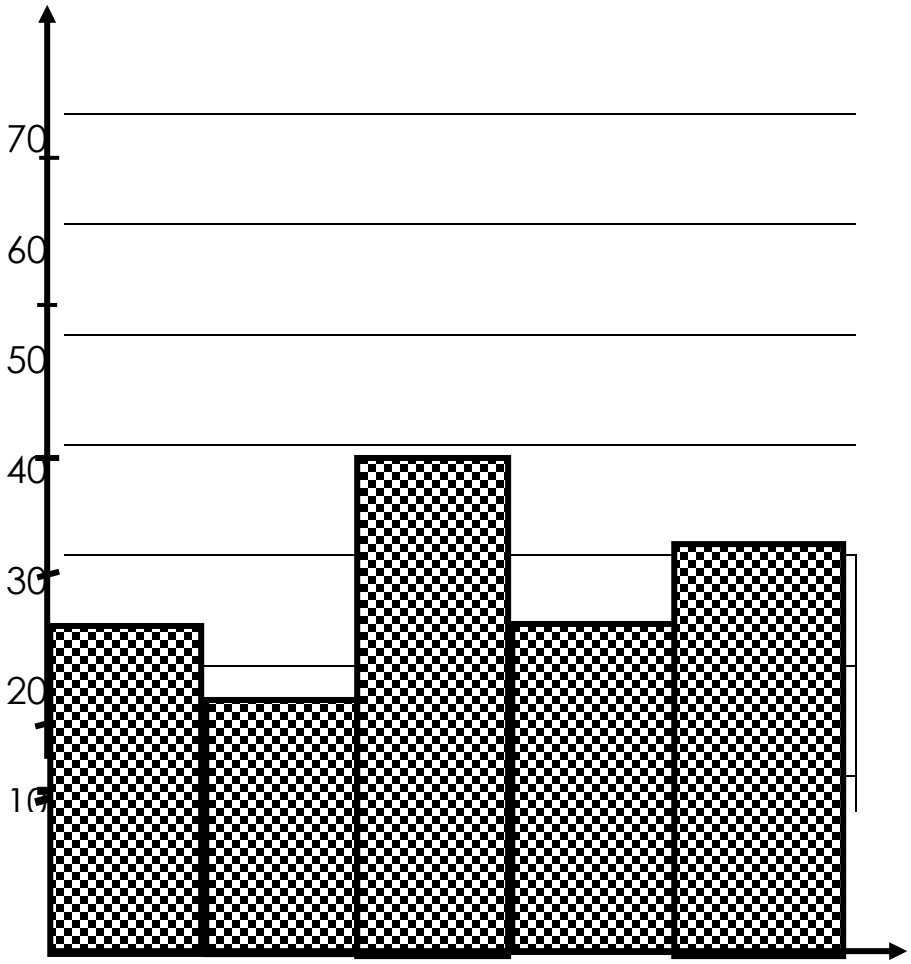
a)	(i) set **A**.	(ii)	Set **B**.	
b)	Find **A** ∩ **B**. ***(2mks)***	c)	Find set **A** only. ***(2mks)***	
22.	Workout the following. ***(2 marks each)***			
a)	$\frac{5}{9} - \frac{1}{9}$	b)	$\frac{5}{9} + \frac{2}{9}$	
23.	Rose weighs 48kg and Ritah weighs 32kg.			

i)	Who is heavier? ***(1mk)***		
ii)	Find their total weight. ***(2mks)***	iii)	**Workout:** ***(2mks)*** 4 8 kg − 3 2 kg _____
24.	Joel had 25 books, his father gave him 15 more books.		
a)	How many books did he have altogether? ***(2mks)***	b)	Subtract: ***(2mks)*** 8 5 3 − 5 2 1 _____
25	Study the pictures below.		

				
a)	Name the biggest jerrycan. ***(1mk)***	ii)	Which jerrycan holds less water? ***(1mk)***	
b)	Find the total amount of litres that both jerrycans hold altogether. ***(2mks)***	c)	What is 10 litres take away 6 litres? ***(2mks)***	
26.	Complete the table below. ***(show the working)*** ***(5 marks)***			

Goats	1	2	3	_____	4	_____
Number of legs	4	_____	_____	16	_____	24

27. **The bar graph shows the number of books that were given to 5 pupils in a class.**



a). Who got 40 marks? ***(1mk)***

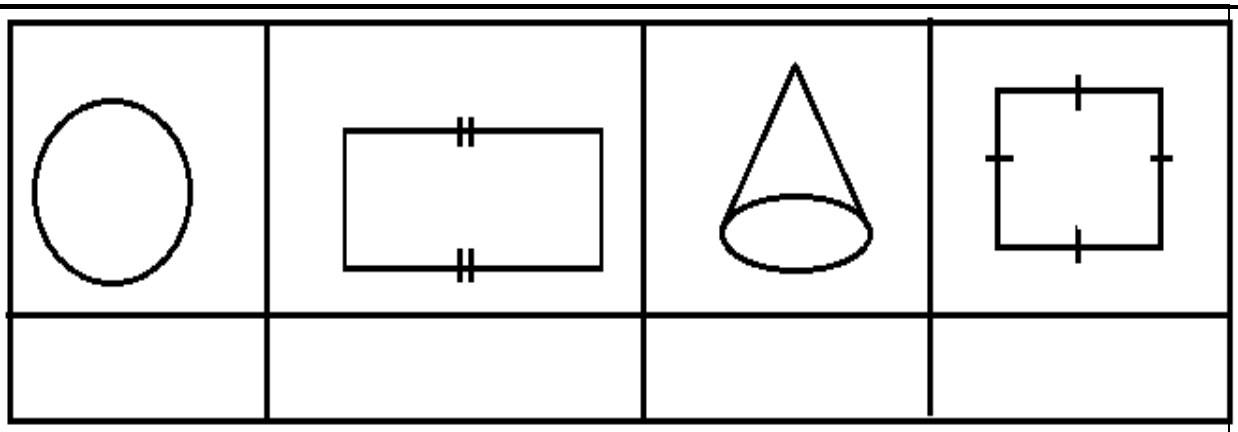
b) Who got the smallest number of books? ***(1mk)***

c) How many books did Aidah and Joy get altogether? ***(1mk)***

d)	_____ and _____ got the same number of books. ***(2mks)***			
28.	Complete the table below. **(5 marks)**			

Figures	Words
_____	a quarter
$\frac{1}{2}$	_____
$\frac{1}{3}$	_____
_____	a tenth
$\frac{1}{7}$	_____

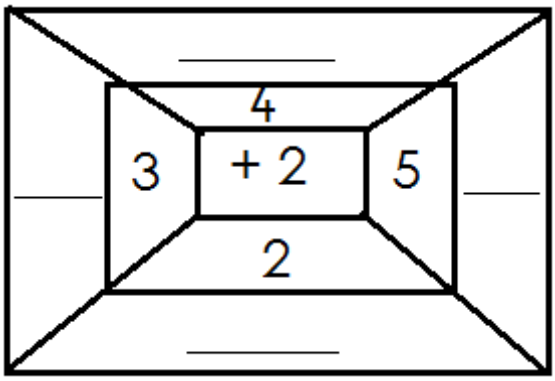
29.	Name the shapes. ***(2 marks each)***			



30. Match correctly. ***(4 marks)***

63	fifty four
693	sixty three
28	nine
9	six hundred ninety three
	twenty eight

31. Complete the table correctly. (**4 marks**)



32. Add the money. ***(2 marks each)***

a)

3 0 0 shillings

+ 5 0 0 shillings

b)

sh. 6 0 0

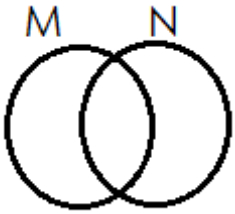
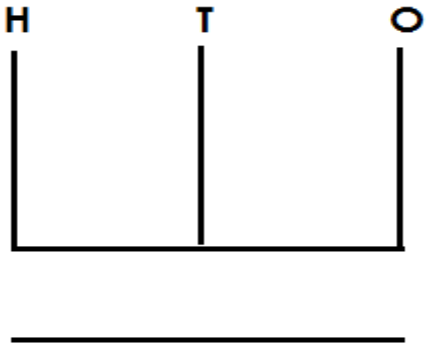
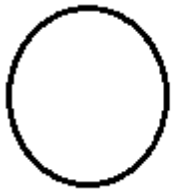
+ sh. 2 0 0

PAPER 10

SECTION 'A' (40 Marks)

1.	Add: 2 6 7 + 2 1 _____ _____	2.	Write in words **267**
3.	Subtract: 4 6 7 – 3 4 _____ _____	4.	What is the place value of 8 **6** 4 ?
5.	Multiply: 2 1 x 3 _____ _____	6.	Expand: **2 4 6**
7.	Draw a triangle in the space below.	8.	Find the missing number. ☐ + 4 = 11

9.	Divide: **24 ÷ 6**			
10	Find the next number in the sequence 2, 4, 6, _____			
11.	Draw a symbol to show an empty set.	12.	4 tens equals _____	
13	Shade M n N	14.	Add: $\frac{3}{8} + \frac{4}{8}$	

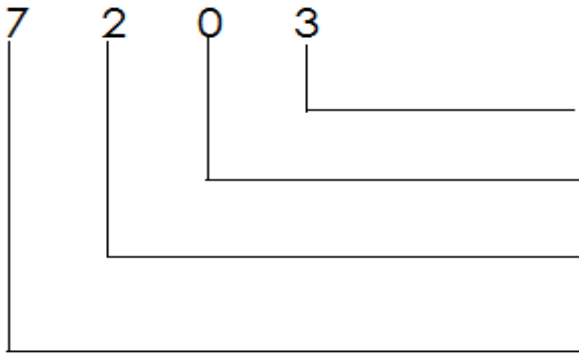
				
15.	Show the number on the abacus. **4 6 7** 	16.	Write 10 in Roman numerals.	
17.	Find the value of **4** in the number **2 4 6.**			
18.	Given that Set A = { a, b, c} Set B = { a, f, b} Find A n B.	19.	What is the name of the shape below? 	

20.	Musa had 4 sweets. He was given more 10 sweets. How many sweets did he have altogether?			
	SECTION 'B' (60 MARKS)			
21	Study the sets below and use them to answer the questions that follow: **Set x = { a, b, c, d, e, f }.** **Set P = { o, p, c, f, a }** **Find:**			
(a)	The number of elements in set X (2 **mks)**	b)	P n X. **(2mks)**	
c)	P ∪ X. **(2 marks)**			

22. Shade $\frac{2}{3}$ ***(2mks)***

b) Add: $\frac{1}{5} + \frac{3}{5}$ ***(2mks)***

23. Write the value of each digit. **(1 mark each)**



24. Fill in the missing numbers. (**1 mark each)**

0, 2, 4, 6, 8, 10, _____, _____

20, 25, 30, 35, _____, 45, 50, _____

25. Work out: ***(2mks each)***

a)

$$\begin{array}{r} 2\ 6\ 7 \\ -\ 4\ 8 \\ \hline \\ \hline \end{array}$$

b)

$$\begin{array}{r} 2\ 5 \\ \times\ 1 \\ \hline \\ \hline \end{array}$$

26. Fill in the symbols < , > or = to complete the statements. ***(2mks @)***

(i) 1 month _____ 30 days.

(ii) 2 x 2 _____ 2 + 2

(iii) 89 _____ 98

27. Ali got the following marks in his End of Term I Exams.

Mathematics	**Literacy I**	**English**	**R.E**
49	36	70	89

a) Which learning area did he have the highest marks? ***(1mk)***

b)	How many marks did he get in Mathematics? *(2mks)*	c)	How many marks did he get in Mathematics and R.E? *(2mks)*

28. In the space below, draw the following shapes. ***(2 marks @)***

trianngle	rectangle	circle	oval

29. Match correctly **(2 marks each)**

(i)	5 5	50
(ii)	Empty set	xxx
(iii)	30	∅
(iv)	5 tens	0

30. Fill in the missing numbers. ***(2 marks each)***

(a) $\square + 4 = 12$

(b) $\square - 2 = 6$

31. Draw the symbols for each of the following:- **(2 marks each)**

(i) Intersection set _____

(ii) Equal to _____

(iii) Subset of _____

32. Add:

	Kg	g
	5 6	4 5
+	2 3	1 4

_____

b) **Subtract:**

	Kg	g
	8 6	9 0
+	5 5	3 0

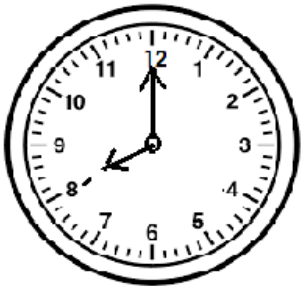
_____ *(2mks)*

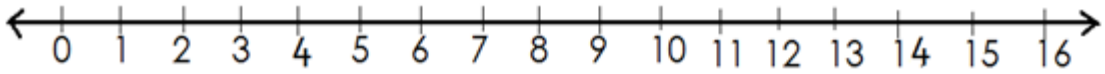
c) 2kg + 3kg = **(1 mk)**

PAPER 11

SECTION 'A' (40 Marks)

1.	Workout: $\begin{array}{r} 436 \\ +\ 152 \\ \hline \\ \hline \end{array}$	2	Fill in the missing number. $\square - 4 = 10$
3.	Write the place value of **7** in **5 $\overline{7}$ 9**.	4.	Share **15** sweets equally amon 3 boys.
5.	A bus carries **80** passengers in a day. How many passengers will it carry in 3 days?	6.	What number has be expanded to give; **(4x100) + (9x10) + (5x1)?**

7.	What number comes after; **59,** _____	8.	Add: $\frac{3}{9} + \frac{5}{9} =$	
9.	Name the shape. _____	10.	Tell the time on the clock face.  _____	
11.	Draw a set of 6 chairs.	12.	Ritah is 20 years. Write Ritah's years in Roman numerals.	
13.	Find the missing numbers in the sequence below. 1st, 2nd, _____, 4th, _____, 6th	14.	A fish costs shs. 800. How much will 2 similar fish cost?	

15.	Subtract **6** from **13**.	16.	Write the un-shaded fraction in the diagram. _____	
17.	How many legs do 6 hens have if one hen has two legs?			
18.	Subtract using a number-line. 15 - 7 =  			
19.	Find the next number in the sequence. **0, 5, 10, 15, 20,** _____	20.	Workout: 600 mangoes + 200 mangoes _____	

SECTION 'B' (60 MARKS)

21 If **1m** = **100cm**, how many centimetres make up **5m?**

(2mks)

b) Workout: ***(2mks)***

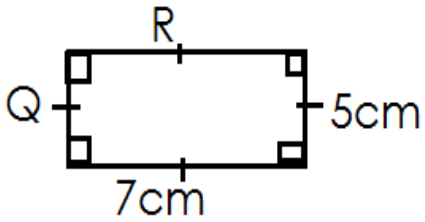
m	cm
4	40
+ 1	10

22. Complete the table. ***(5 marks)***

Cows	1	2	3	4	____	____
Number of legs	4	____	____	____	20	24

23. Study the figure below and use it to answer the questions.

i)



(a) Find the value of; ***(1 mark each)***

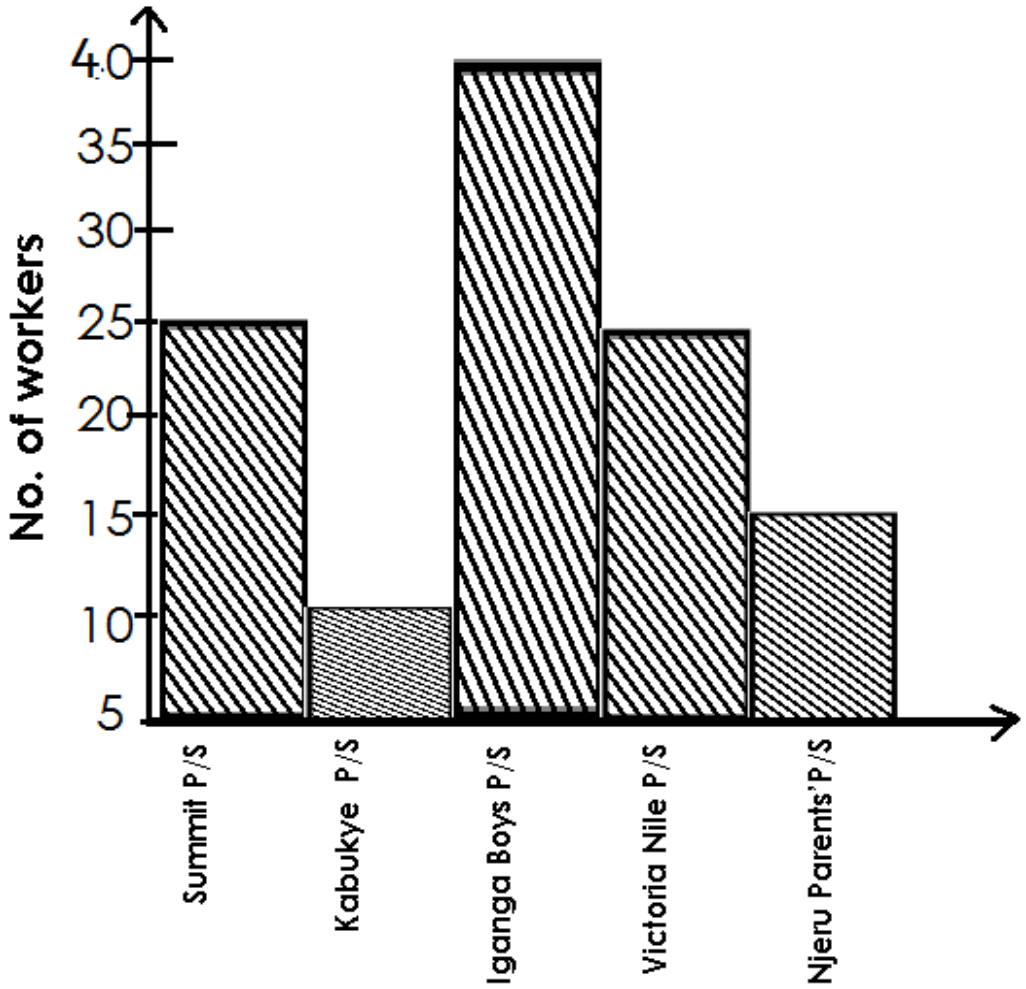
(i) Q = _____

(ii) R = _____

b) What name is given to the above figure? ***(1mk)***

c) Calculate the perimeter of the above figure. ***(2mks)***

24. Five schools employed workers as shown on the graph below.



a) Which school employed the biggest number of workers? ***(1mk)***

b) _____ and _____ employed the same number of workers.

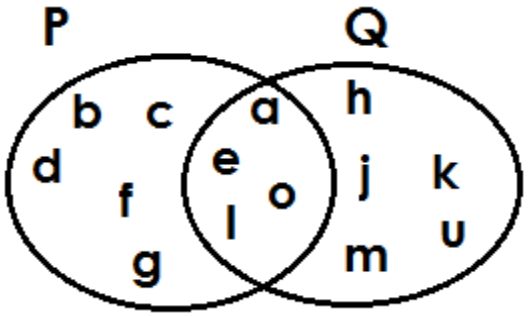
(2mks)

c) How many workers did all the schools employ altogether?

(2mks)

25	Identify the smaller number by underlining. ***(2mks)*** (i) 2 1 5 or 5 1 2 (ii) 3 0 1 2 or 2 0 1 3		
b)	What is **16** oranges less **5** oranges? ***(2mks)***	c)	Write **two thousand twenty two** in figures. ***(2mks)***
26.	Alex is **29** years old. Allan is **25** years old.		
a)	Who is younger? ***(1mk)***		
b)	Calculate the sum of their ages. ***(2mks)***	c)	How old will Allan be in 3 years' time? ***(2mks)***

27. Study the venn diagram below and use it to answer the questions.



(a) List down all members of; ***(1mk @)***

(i) Set P.

_____

(ii) Set Q.

_____

b) Find ∩**(P** ∩ **Q)** ***(2mks)***

c) Find **P** only. ***(1mk)***

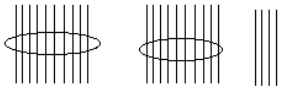
28. Workout: ***(2mks)***

$$\frac{4}{9} + \frac{3}{9}$$

b) Daniel ate $\frac{4}{9}$ of a sugarcane at breaktime and $\frac{2}{9}$ of the same sugarcane at lunch time. What fraction of the sugarcane did he eat altogether? ***(2mks)***

29. If stands for ***5*** chairs, how many chairs will stand for? ***(2mks)***

b) Write the number represented by the tallies. ***(2mks)***

 = _____

c) Draw tallies to represent **1 3 2.** ***(2mks)***

30. Study the shopping list below and use it to answer the questions.

- A packet of biscuits costs shs. 1000
- A cake costs shs. 500
- A bottle of soda costs shs. 1000
- A books costs shs. 2500

a) What is the most expensive item on the above list? ***(1mk)***

b) How much is a bottle of soda and a cake? ***(2mks)***

c) _____ and _____ have the same prices. ***(2mks)***

31. Draw the following shapes. (**1 mark each**)

a)

rectangle	**triangle**

b) Write one object with a rectangular shape. ***(1mk)***

c) How many sides does a rectangle have? ***(1mk)***

32 Amina weighs 45kg. James weighs 35kg.

a) (i) Who is heavier? ***(1mk)***

_____

(ii) Who is lighter? ***(1mk)***

_____

b) Find the sum of their weight. ***(2mks)***

c) Share **24** oranges among **6** girls. ***(2mks)***

PAPER 12

SECTION 'A' (40 Marks)

1. Divide: 18 ÷ 6

2. Write in words 649.

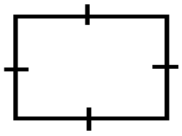
3. Convert **XIX** to Hindu Arabic numerals.

4. Add: $\frac{2}{7} + \frac{3}{7}$

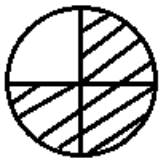
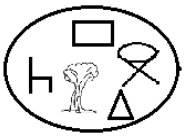
5. Write in short form:

   3000 + 900 + 20 + 4

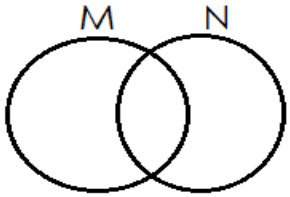
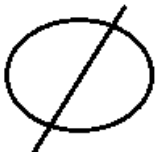
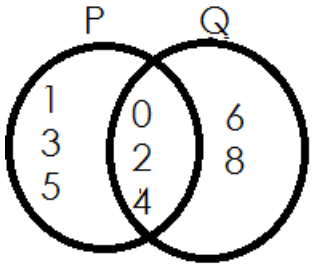
6. Name the shape below:



_____

7.	What fraction is shaded?  _____	8.	Give the place value of 6 in the number 8624.	
9.	How many elements are in set R?  _____			
10.	Expand: 7 8 9.			
11.	Arrange the number in order from the smallest to the biggest. 24, 42, 32, and 23 _____	12.	Solve : ☐ + 8 = 12	

13	Tell the time on the clock face below. _____	14.	Show the number 2041 on the abacus.	
15.	Find the next number in the sequence. 0, 2, 4, 6, 8, _____	16.	Find the cost of 4 books at shs.500 each.	
17.	Draw a cylinder in the space below.			

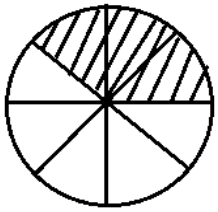
18.	Shade M n N  	19.	Subtract: $\frac{5}{9} - \frac{2}{9}$	
20.	Name the set symbol below.  _____			
	SECTION 'B' (60 MARKS)			
21.	Study the Venn diagram below and answer the questions that follow.  Find P n Q ***(2 mks)***			
a)				

b) Find the number of elements in set P. ***(2 mks)***

c) Find P ∪ Q ***(2 mks)***

22.a) Find the shaded fraction.

(2 mks)



_____

b) Add: ***(2 mks)***

$\frac{2}{8} + \frac{3}{8}$

c) A farmer dug $\frac{7}{10}$ of his flower garden in the morning. What fraction of the garden did he remain with? ***(2 mks)***

23. Study the shopping list below and answer the questions that follow.

(2 marks)

Item	Costs
A book	shs. 1000
A mathematical set	shs. 1200
A ruler	shs. 500
A pen	shs. 300
A pencil	shs. 100

a) What is the most expensive item on the list? ***(2 marks)***

b) Which item costs shs.500? ***(2 marks)***

c) How much money can one pay for a mathematical set and a pen?

24.a) Tell the time on the clock face below: ***(2 marks)***

_____

b) Change 2 hours to minutes. ***(2 marks)***

25. Use <, > or = to complete the statements.

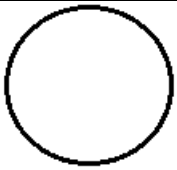
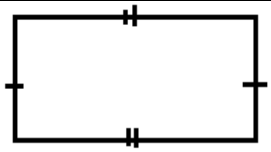
a) 2 x 4 _____ 2 + 4 **(1 mk)**

b) 1 hour _____ 60 minutes **(1 mk)**

c) $\frac{1}{2}$ _____ $\frac{1}{4}$ ***(1 mk)***

d 1 week _____ 14 days ***(1 mk)***

26. Name the shapes drawn below. **(2 marks @)**

27. In a town, there are 264 women, 900 men and 120 children. **(2 mks each)**

a) Find the total number of people in the town.

b) How many more men than women are in the town?

28a) How many days make 3 weeks? ***(2 mks)***

b) **Add**:

Weeks	Days
1	4
+ 3	2

(2 mks)

c) **Subtract**:

Hrs	mins
3	55
- 1	30

(2 mks)

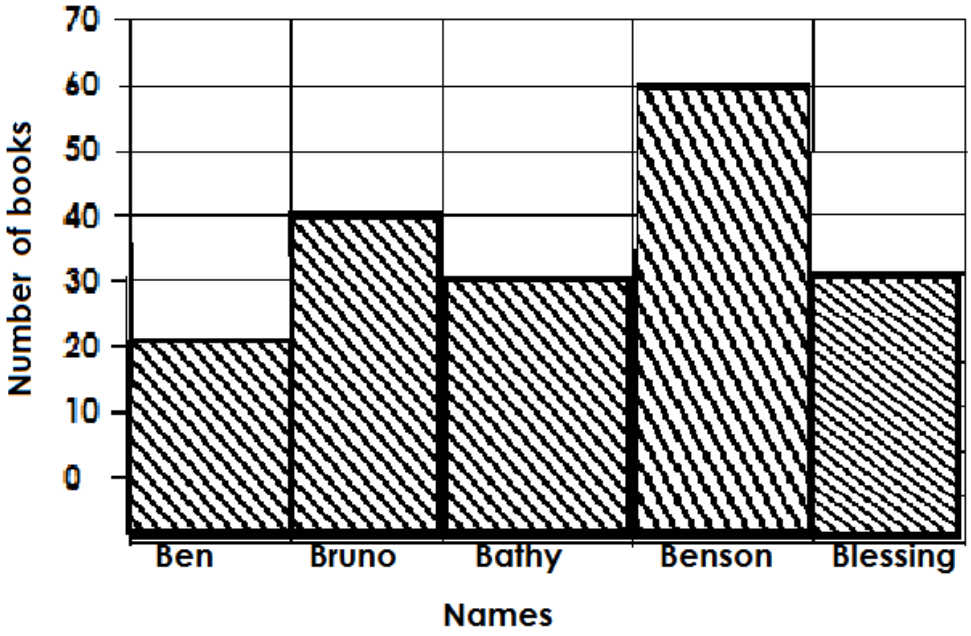
29. Okot is 5 years old. Kato is 3 years old.

a) Who is older? ***(1 mark)***

c) Find the sum of their age.***(2 mks)***

b)	Who is younger? ***(1 mark)***			
30.	Fill in the missing numbers. ***(2 marks @)***	b)	10, 12, 14, _____, _____	
a)	5, 10, 15, ____, 25, ____, 35			
31.	Given the number 2097.		(**2 mks each**)	
a)	Find the value of 9.			
b)	Show the number on an abacus.			

32. The graph below shows the number of books given to 5 boys.



(a) Who got the smallest number of books? ***(1 mk)***

(b)	How many books did Bruno get?	***(1 mk)***
(c)	Which two boys got the same number of books?	***(1 mk)***
(d)	Who got 60 books?	***(1 mk)***

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