

LITTLE MUHEJI SCHOOL

SET VI REVISION WORK 2020

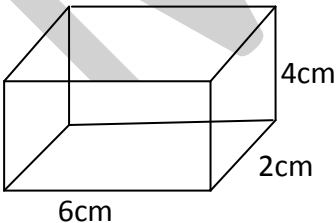
PRIMARY SIX MATHEMATICS

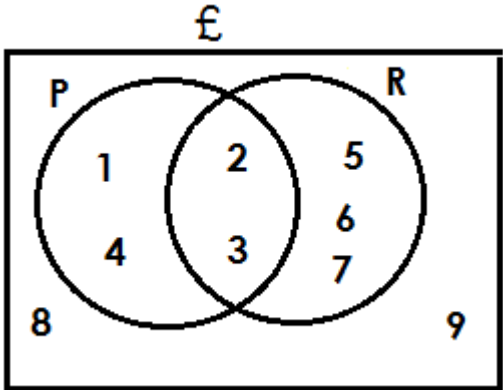
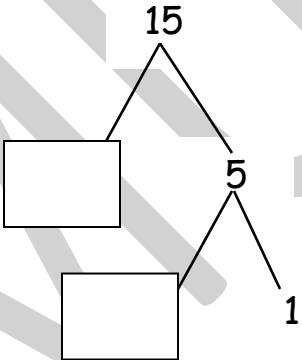
NAME: _____

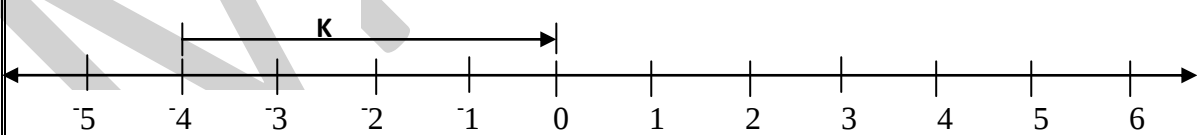
CLASS: _____ STREAM: _____

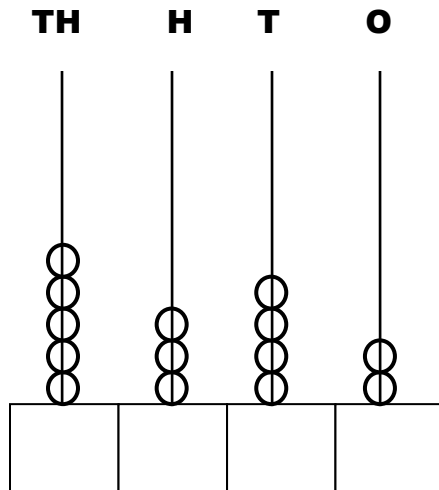
SECTION A (40MARKS)

1.	Divide $36 \div 3$
2.	Write 13 in Roman numerals
3.	If set $A = \{b, a, t, \}$ and set $K = \{c, o, a, t\}$ Find $n(A \cap K)$
4.	Find the value of 3 hundreths

5.	A lady started cooking at 7:20p.m and ended at 7:50p.m. How long did she take cooking?
6.	In the space provided below, draw line segment $\overline{PQ} = 5\text{cm}$
7.	Work out $\begin{array}{r} 230 \\ \times 7 \\ \hline \\ \hline \end{array}$
8.	Find the next numbers in the sequence; 2, 3, 5, 7, ____, ____
9.	Find the volume of the cuboid below in cm^3 

10.	Magogo bought 12 eggs from Owino supermarket. Write the number of eggs bought as tallies
11.	Use the venn diagram below to find $n(P \cup R)$ 
12.	Find the missing factors in the prime factorization below; 
13.	The cost of a rubber is sh.300 and that of a ruler is sh.1000. Find the cost of 7 similar rubbers and 3 rulers.

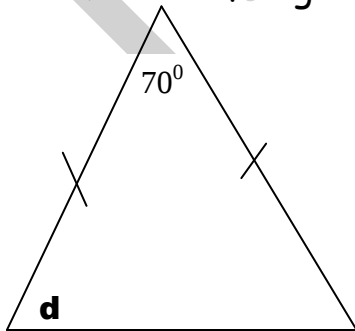
14.	Draw a circle of diameter 7cm in space below with the help of a pair of compasses
15.	Add. $\frac{3}{5} + \frac{1}{4}$
16.	Name the integer represented by letter K on the number line then find its inverse  The number line shows integers from -5 to 6. An arrow starts at -4 and ends at 0, with the letter 'K' written above it.
17(a)	Complete the abacus



(b) State the place value of 3 in **4 3 5 0 2**

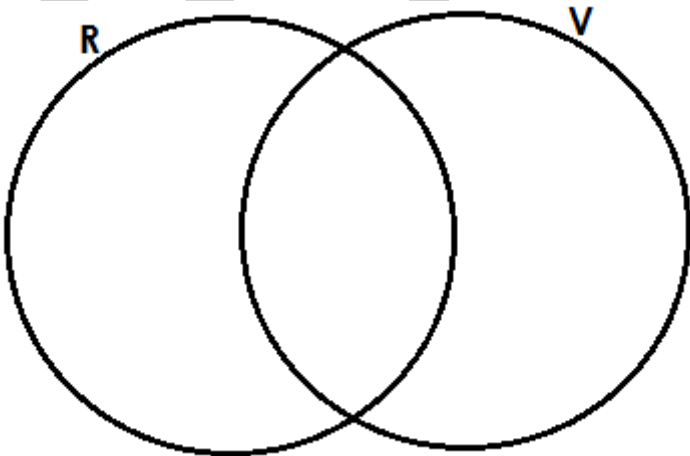
18. The area of a triangle is 24cm^2 . If its height is 8cm, workout its base in cm.

19. Find the size of angle marked 'd' in degrees



20.	Solve: $2x + 7 = 19$
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SECTION B

21. a)	If $R = \{a, b, c, v, w\}$ and set $V = \{c, o, w, s\}$ Find set $R - V$ (1mark)
b)	Show sets R and V on the venn diagram below (3marks) 
c)	Find the elements of set $V - R$ (1mark)

22(a) (i) (ii)	Akello bought 360 goats, 120 of the goats fell sick and 76 goats finally died. How many goats did not fall sick? (2marks) How many goats remained? (2marks)
(b)	Find the <u>Quotient</u> of 3tens and 6ones (2marks)
23.	Mary went to the market and bought the following animals; • 3 goats at sh.20,000each • 5 rabbits at sh.10,000 • A sheep for sh.35,000 Find her total expenditure (5marks)

24.	Drawn below is a rectangular flower garden. Use it to answer the questions below it. (a) Find the value of; (1mark each) (i) $a =$ (ii) $b =$
b)	How long is the garden in (cm)? (2marks)
c)	Find the area of the above flower garden above in square cm (2marks)
25(a)	Expand 32.32 using values (2marks)

(b)	Write 43,790 in words	(1mark)
(c)	What number when expanded becomes $(2 \times 10^3) + (3 \times 10^1) + (4 \times 10^4)$?	(2marks)
26(a)	Work out $2,361,245 + 1,078,143$	(2marks)
b)	A factory produced 6,740,850 forks. Some forks were sold and 1,245,955 forks remained. How many forks were sold?	(2marks)
27.	Out of 144 pupils of primary six class, $\frac{2}{3}$ of them are girls and the rest are boys.	
(a)	What fraction of the pupils are boys	(2marks)

(b)	How many more girls than boys are in this class? (2marks)
(c)	Shade the fraction of boys in the diagram below (1mark)
28.	Below is a number line. Use it to answer the following questions about it (a) Name intervals represented by letter; (1mark each) (i) $M =$ _____ (ii) $a =$ _____ (iii) $n =$ _____
(b)	Write the mathematical statement for the above number line (2marks)

29(a)	Write the place value of each digit in the number below; (3marks) 402_{five}
(b)	Change 33_{ten} to base six (2marks)
30(a)	Given that $a=6$, $b=-3$ and $c=2$
(i)	Find the value of $ac + b$ (2marks)
(ii)	What is $2a + bc$? (2marks)
(b)	Express "a more than 5" as an algebraic statement (1mark)

31(a)	Using a pair of compasses, ruler and a well sharpened pencil, construct an angle of 60° (2marks)												
(b)	Find the supplement of 40° (2marks)												
32.	The table below shows the number of books received by 5 pupils. <table border="1"> <thead> <tr> <th>Name</th><th>Books</th></tr> </thead> <tbody> <tr> <td>Kate</td><td> </td></tr> <tr> <td>Jogo</td><td>  </td></tr> <tr> <td>Mapengo</td><td> </td></tr> <tr> <td>Richmond</td><td></td></tr> <tr> <td>Susana</td><td>   </td></tr> </tbody> </table> Scale:  = A dozen books.	Name	Books	Kate	 	Jogo	  	Mapengo	 	Richmond		Susana	   
Name	Books												
Kate	 												
Jogo	  												
Mapengo	 												
Richmond													
Susana	   												

a)	How many books did Kate receive?	(1 mark)
b)	Which pupil received 36 books?	(1 mark)
c)	Which two pupils got the same number of books?	(1 mark)
d)	How many books did Richmond and Susana get altogether?	(2 marks)

END