NAMAGUNGA PRIMARY BOARDING SCHOOL
PRIMARY FIVE HOLIDAY WORK, 2021
MATHEMATICS

NAME: _____STREAM:_____

SECTION A

1. Divide 111 ÷ 3

2. Express $\frac{23}{7}$ as a mixed number.

3. Given that represents 13 balls, how many balls are represented by ?

4. Find the next number in the sequence;
   1, 4, 9, 16, 25,____

5. If set M={7,5,3,1}. Calculate the number of subsets that can be got from set M.

6. How much money will Najjuma pay for 6 books if each book costs sh.3,000?

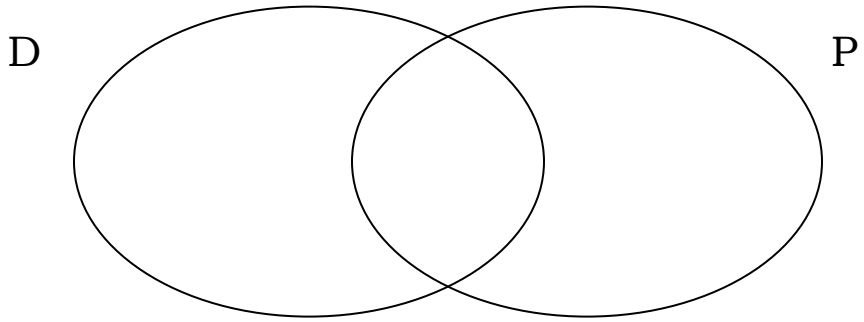
7. Simplify; 3m + 4m + m

8. Given that P = {counting numbers less than 10} List all the members of set P.

9. Mr.Mabaale is 29 years old. Express his age in Roman numerals.

10. Use the Venn diagram below to answer the following questions.

Shade p only



11. List all the factors of 15.

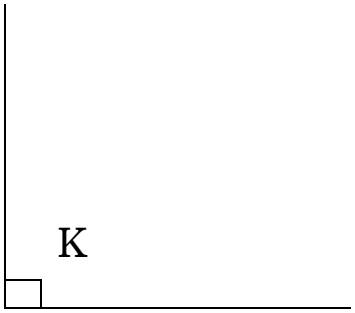
12. Calculate the distance around the figure below.

5dm

16m

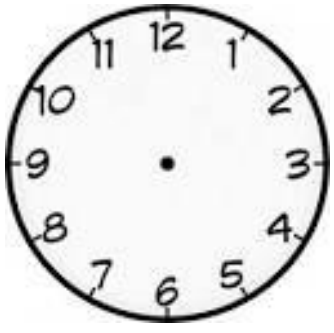
13. In a class of 71 pupils, 16 girls had good news bibles. How many girls had other types of bibles?

14. Find the size of the angle marked **K** in the figure below.



15. What number has been expanded;
$(3x10^2) + (4x10^1) + (6x10^0)$

16. Show 4:20 on the clock face below.



17. Find the G.C.F of 12 and 18.

18. Given that m = 8, n = 6 and P = 2, Find the value of mn+p.

19. A school rope is 12m long. Express this as centimeters.

20. Reduce $\frac{12}{36}$ to the lowest term.

SECTION B

21. a) Expand 72,039 using powers of ten. (2marks)

b) Expand 9,817 using place values. (2marks)

22. A teacher made 3 cards having the following digits.

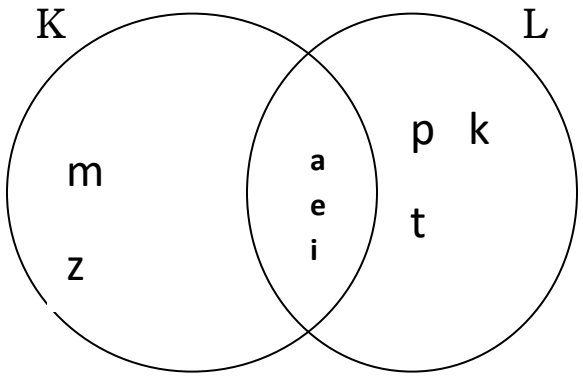
9	1	8

a) Form all the 3 digit numerals from the above cards. (3marks)

b) List all the even numbers formed from the above numerals. (1mark)

c) Find the sum of the even numbers you have listed in (b) above. (1 mark)

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



a) List all the elements of set K. (1mark)

b) Find n (KuL) (2marks)

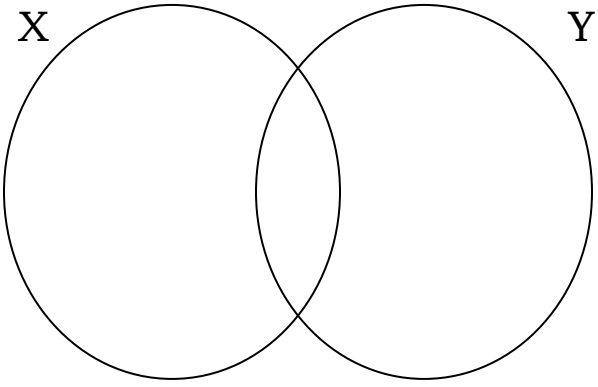
c) Find n(L-K) (2marks)

24. Given that **X** = {odd numbers less than 14} and
Y = {Whole numbers between 8 and 15}

a) List all the elements of set **X** (1mark)

b) List all the members of set **Y**. (1mark)

c) Represent the above information on the Venn diagram below. (3marks)



25. a) Add; $\frac{2}{5} + \frac{1}{3}$ (2marks)

b) Reduce $\frac{18}{24}$ to its simplest form. (1mark)

c) How many ¼ litre bottles will James get from 8 litres of milk that he has in a jerrycan? (2marks)

26. Arrange $\frac{1}{3}$, $\frac{2}{5}$, $\frac{3}{4}$ and $\frac{1}{2}$ in descending order. (5marks)

27. a) Add 39,217 + 4,864 (2marks)

b) The DEO Wakiso district distributed 3,730 text books to 16 schools at the beginning of first term 2017.

i) How many books did each school get? (2marks)

ii) How many books did the DEO remain with? (1mark)

28. a) Use > , < or = to complete the following.

i) 11 x 6 _____ 45 - 5 (2marks)

ii) 2m _____ 300cm (2marks)

b) Find the average of 25, 5, 15, 10 and 20 (2marks)

29. a) Change 48_{ten} to base five (2 mark)

b) Work out; 223_{five} - 41_{five} (2marks)

c) Multiply 332_{five} (2marks)
x 3

30. a) List down the first five triangular numbers. (1mark)

b) Find the square of 16. (1 mark)

c) Find the square root of 100. (2marks)

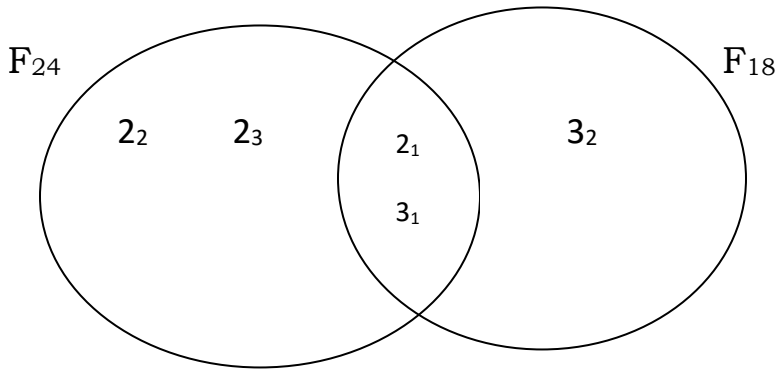
31. a) List down the multiples of 4 less than 30. (1mark)

b) Find the L.C.M of 6 and 9 using Prime factorization method.

(2marks)

c) Find the G.C.F of 6 and 9. (2marks)

32. Study the Venn diagram below and use it to answer questions that follow.



a) List down the prime factors of 24. (1mark)

b) Find the L.C.M of 24 and 18. (2marks)

c) Find the G.C.F of 24 and 18. (2marks)

PARENT'S NAME: _____

PARENT'S SIGNATURE:_____

DATE:_____