NAMAGUNGA PRIMARY BOARDING SCHOOL

P.5 REVISION WORK – SET ONE

(MATHEMATICS; 2020)

Time allowed: ***2 Hours 30 Minutes***

Name:……

Signature:……Stream:……

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FOR EXAMINERS' USE ONLY

Read the following instructions carefully:

1. This paper has **two** Sections: **A** and **B**.
2. Section **A** has **20** questions (40 marks)
3. Section **B** has **12** questions (60 marks).
4. Answer **ALL** questions: All answers to both Sections **A** and **B** must be written in spaces provided in full sentences.
5. All answers must be written using a blue or black ballpoint pen or ink but not pencil. All work done in pencil except diagrams will **NOT** be marked.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read, may lead to loss marks.

FOR EXAMINERS' USE ONLY		
QN. NO.	**MARK**	**SIGN**
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
28 - 30		
31 - 32		
TOTAL		

SECTION A: (40 MARKS)

1) Multiply: 2 4 × 3

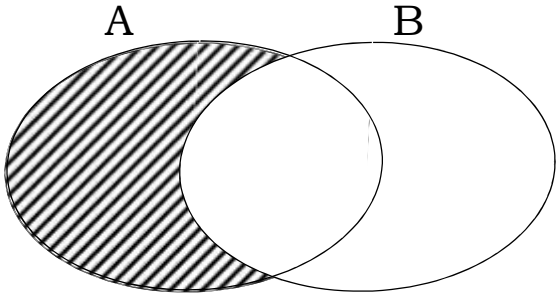
2) Write 2,020 in words.

3) Think of a number, add 14 to it and the sum is 21.What is the number?

4) Find the sum of the next two numbers in the sequence,

1, 4 , 9 , 16 , _____, _____

5) Using symbols, describe the shaded part of the Venn diagram below:



_____

6) Draw a line segment $\overline{PQ}$ = 4.5 cm.

7) Using a number line, multiply: 3 × 4.

8) Work out: $\frac{2}{3} - \frac{1}{4} =$

9) Andrew ran round a rectangular field twice. If it was measuring 9 m long and 5 m wide. Calculate the total distance he covered.

10) A trader sold a try of eggs at sh. 1,200 making a profit of sh. 2,500. Find the cost price.

11) Add:

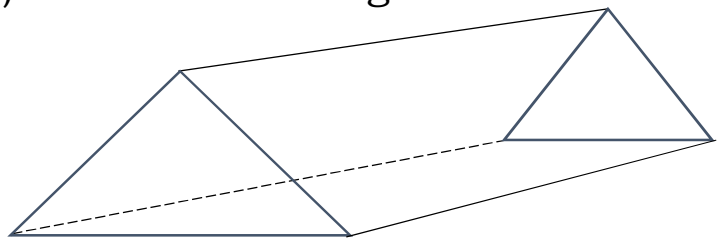
Hrs	mins
7	30
+ 4	55

12) If  represent 9 flowers. Draw pictures to represent 27 flowers.

13) A dice was rolled once. Find the probability that a prime number appeared on top.

14) Find the number that has been prime factorized to get $2^3 \times 3 \times 5^2$

15) Name the sold figure drawn below.



_____

16) Write the expanded number below in Roman numerals:
$(9 \times 10^1) \times (7 \times 10^0)$

17) Express $5\frac{2}{3}$ as an improper fraction

18) The Ministry of Health gave out 3,535 masks to 5 hospital. How many masks did each hospital get?

19) Simplify: m + 2y + 2m + y

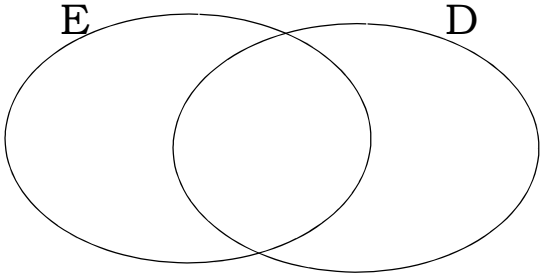
20) Convert $2\frac{1}{2}$ kg to grams

SECTION B: 60 MARKS

21) Given that D = {All even numbers less than 18}
E = {1 , 3 , 6 , 10 , 15 }

(a) List all the elements of set D.

(b) Represent the above pair of sets on the Venn diagram below:



(c) Find the number of proper subsets in the E.

22) Given the number 47,358;

(a) Expand the numeral in value form.

(b) Find the difference of the values of 7 and 5 in the above numeral.

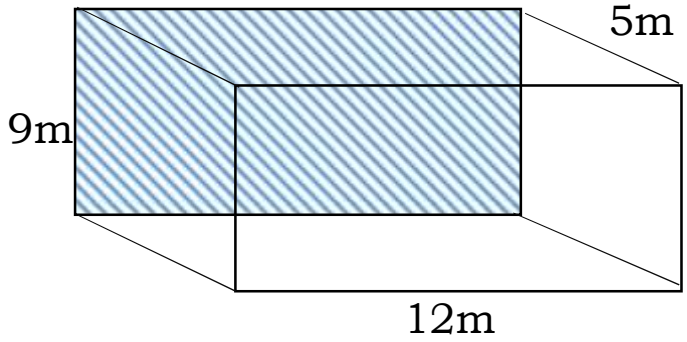
23) In a class of 105 pupils, $\frac{2}{5}$ of them are girls and the rest are boys.

(a) Find the fraction of boys

(b) How many girls are in that class?

(c) How many more boys than girls are in that class?

24) Study the solid figure below and answer the questions that follow:



(a) Write the number of vertices on the above figure

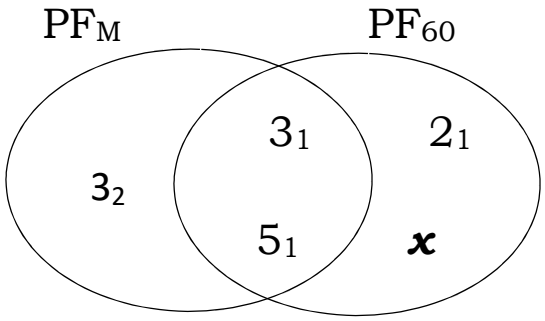
(b) Find the area of the shaded face.

(c) Calculate the volume of the figure above.

25) Give that **a** = 4, **b** = **a** and **c** = 7. Find the values of the following:

a) a + b + c b) $\frac{a}{2a}$ c) $3b^2$

26) Use the Venn diagram below to answer the questions that follow:



(a) Find the value of:

(i) M

(ii) x

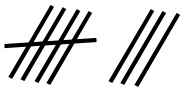
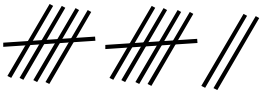
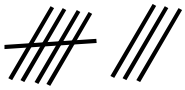
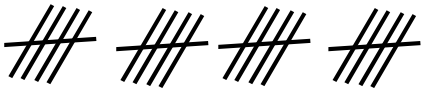
(b) Find the L.C.M of M and 60.

(c) Work out the GCF of M and 60

27) (a) Change 150 minutes to hours.

(b) An examination started at 8: 20 a.m. and ended at 10:05 a.m. How long did it take?

28) The table below shows the number of covid-19 patients discharged from hospitals in a week. Study it and answer the questions that follow:

Days:	***No of patients:***
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

(a) How many patients were discharged on Thursday?

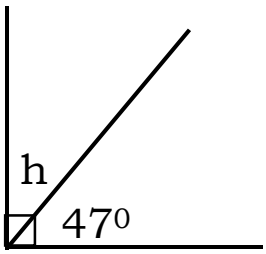
(b) On which day was the highest number of patients discharged?

(c) How many more patients were discharged on Sunday than Thursday?

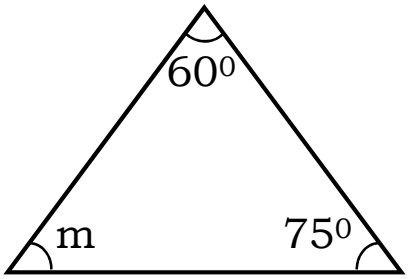
(d) Find the total number of patients discharged in the whole week.

29) Find the values of the unknown angles below

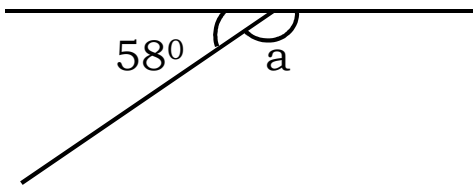
(a)



(b)



(c)



30) Use **>,** < or **=** to complete the following (show the working)

(a) $\frac{1}{2}$ _____ $\frac{1}{3}$

(b) fortnight _____ 3 × 2

(c) XL _____ LX

31) Work out the following:

(a) 4, 987 + 894

(b) sh. 50,000
-sh. 37,500

(c) 4 2 × 24

32) Danah went to the shop with two notes of ten thousand shillings and bought the following items

3 kg of flour at sh.3,000 each
2 liters of cooking oil at sh. 4,000 per liter
A loaf of bread at sh. 2,200

(a) Work out her total expenditure

(b) Calculate her change.