SHALOM PRIMARY SCHOOL

P7 MATHEMATICS TERM II 2020, SET VII REVISION WORK.

1. Write2/3 ¡n words

2. Solve3+ c=11.

3. Measure the line segment drawn below

4. An examination started at 8:30am and ended at 10:45am. How long did the examination last?

5. How do we tell that 1023 is divisible by 3

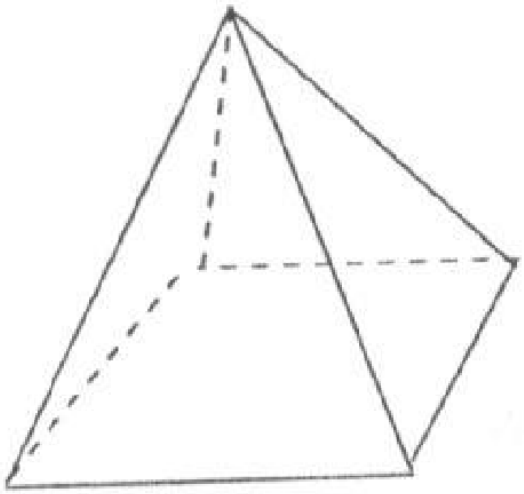
6. Given V = {a, e, 1,0, u}Find n(V)

7. Today is Friday. What day of the week will it be after 133 days?

8. A basket contains 6 god eggs and 3 bad one. If a boy picked an egg at random. What is the probability that the egg picked is a bad one?

9. Solve the equation 2a+3=6.

10. Name the solid shape shown below



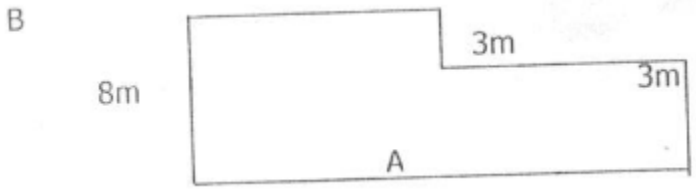
11. What pattern of numbers is shown below?

12. Given set Q= {1,2,3}.Find the number of proper subsets ¡n set Q.

13. 49 villages receivered relief food from the Uganda red cross. If each village received 760kg. How many tones of Posho did the red cross give?

14. What number was expanded as below? (5x 10h) + (4x 102) + (3x 10)

15. Workout the perimeter of the given shape below.



16. A man gets salary which is twice that of his wife. Calculate the man's salary per month if their total salary for 2 months is 3millions shillings.

17. The exchange rate for I us dollar is 2,800 Uganda shillings. 1f John has 14 US dollars. How many Ugandan shillings will he get after exchanging?

18. Solve $3p - 2 \geq 7$

19. Give one example of an infinite set. .

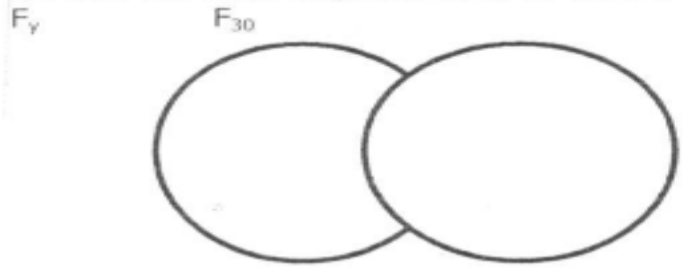
20. Bwabye added 10 to a number and his result was less than 15. Find any possible value of the number if is a counting number.

SECTION B

21a) Find the product of the value of 5 and value of 3 in 65,213. (3mark 23. Show $3 - {}^{+}6$ on a number line and find its solution. (3marks)

b) Divide the value of 8 by the place value of 2 in the number 18425. (2marks)

22. Use the Venn diagram below to answer questions which follow.



a) Find the value of y. (2 marks)

22b Workout the LCM of y and 30. (2marks)

c)Fìnd the GCF of F_y and F_{10}(1 marks)

23b) A rat is 2m below ground level and a monkey is 6m above ground level. How far apart are these animals solution? (2marks)

24. In the space below construct five parallel lines to line

P_____Q

25. The time table below is for a P.4 class in Nakapiti part SDA school. Study it and answer questions which follow.

	8:30 9:10	9:10 9:40	9:40 10:30	10:30 11:00	11:00 11:40	11:40 12:20	12:20 1:00
Mon	MTC	ENG	SCIE	B	SST	CAPE	CAPE
Tue	CAPE II	CAPE II	MTC	R	SCIE	SST	ENG
Wed	SCIE	MTC	MTC	E	ENG	ENG	SST
Thurs.	ENG	SST	SCIE	A	MTC	CAPE III	CAPE
Fri	SST	CAPE II	CAPE II	K	MTC	ENG	SCIE

a) How many hours do CAPE lessons take in the time table? (2marks)

b) How many double lessons appear on the time table above? (1mark)

c) On which days of the week is there no CAPE lesson taught? (1mark)

d) Which subjects have more lessons on the time table? (1mark)

26. Ochwo had 3times as many goats as Owere. When Ochwo sold 6 of his goats, he was left with 3 goats.
a)How many goats did Ochwo have?(3marks)

b) How many more goats did Ochwo have than Owere?(2 marks)

27. In a class of 9üpupils, 60 like hockey (H), 50 like tennis (T) m pupils like both hockey and tennis. 20 like neither of the games.
a) Draw a Venn diagram to show the above information.(3marks)

27.b) Find the value of m. (2marks)

28a) Workout 45 x 3 ÷ 9 4- 78 (3marks)

b) Simplify (16 + 5) x 6 (2marks)

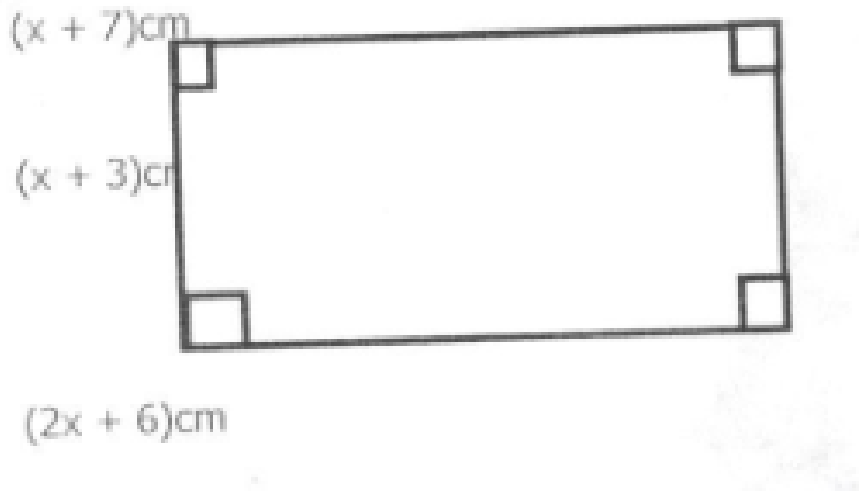
29. A father distributed his salary among his wife, son, and daughter in the ratio 1:2:3 respectively. If his salary is 480,000/-?
a)How much did each get? (4marks)

b) Who got the biggest share of the salary? (1 marks)

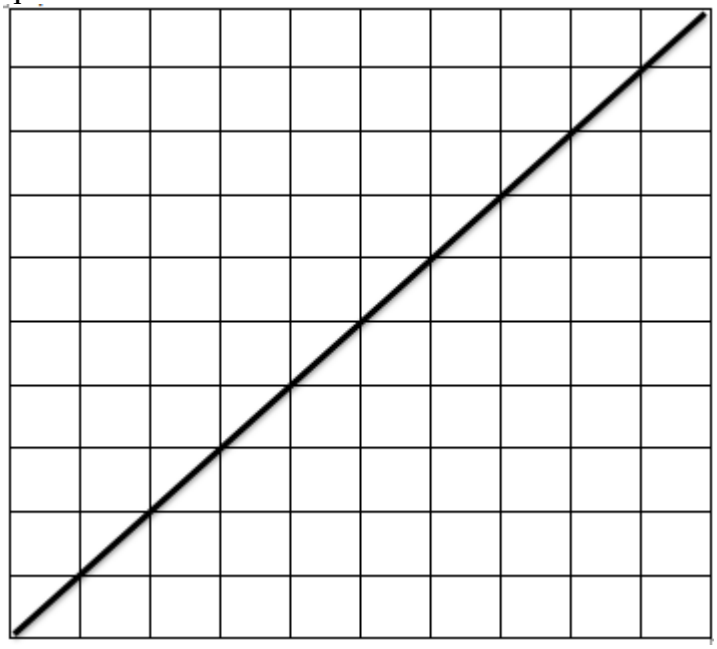
30. Fill in the blank spaces in the table below (5marks)

Buying price	Selling price	profit	Loss
Sh 4000	Sh 3800		_____
Sh 6000	_____	Sh 1200	
Sh 5240	Sh 4480	_____	Sh 760
Sh 32500	Sh 33000	Sh_____	
_____	Sh 95550		Sh 6300

31. Calculate the area of the figure below. (5marks)
(x+7)cm



32. The graph below shows the cost of groundnuts n kg. Study ¡t and answer the questions that follow.



Number of kilograms

a)What is the cost of 1kg of groundnuts?

b) What is the cost of 7kg of groundnuts?

c)How many kg can I buy with sh 24000?

SHALOM PRIMARY SCHOOL

P7 MATHEMATICS TERM II 2020, SET VIII REVISION WORK.

SECTION A

1. Work out: $\frac{7}{9} - \frac{5}{9}$

2. Write **XIX** in Hindu Arabic numerals.

3. Solve the equation: $2y^2 - 24$

4. Round off 29.561 to the nearest whole number.

5. Find the next number in the sequence: 2, 3, 6, 11, 18,

6. Write 12025g in kilograms.

7. Given that 10011 = 23k. Find the value of x.

8. What percentage of the figure is unshaved?

9. Simplify: $^{-}2 - {}^{-}7$

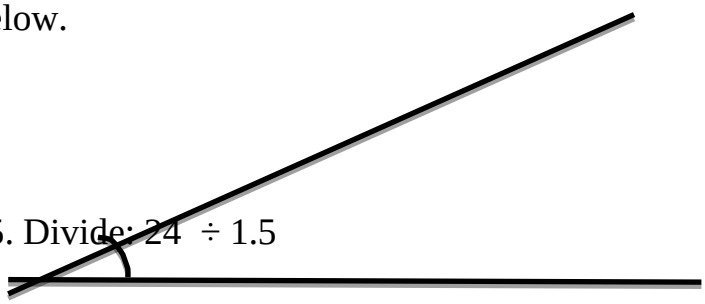
10, A stretch of a road is 2.5 km long. Trees are planted at a distance of 10m from each other. Find the number of trees planted.

11. Find the median of 5, 2, 0, 3, 4

12. Find the value of 2(a—b) if a=5and b = 3.

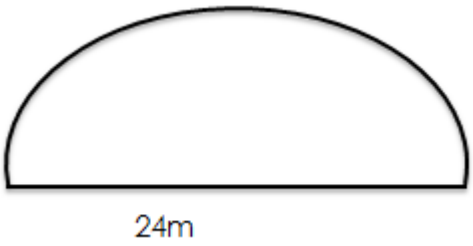
13. A PIASCY seminar ended at 9.10 a.m. At what time did it start if it took 55 minutes?

14. Using a pair of compasses, a ruler and pencil only, bisect the given angle below.



15. Divide: 24 ÷ 1.5

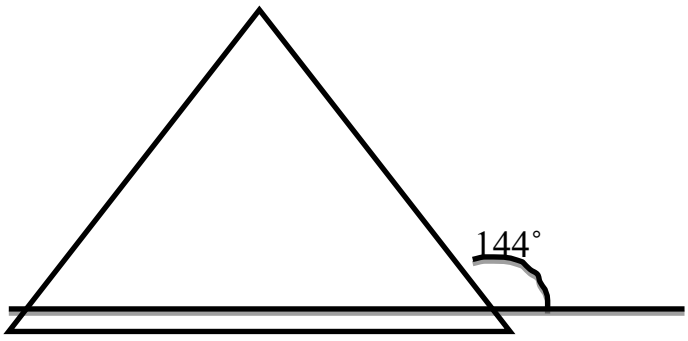
16. Find the area of the semicircle below. (Take $\pi = 22$)



17. Work out: 10 ÷ i01.

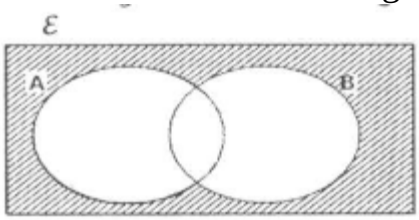
18. Find the size of angle n in the figure below.

n



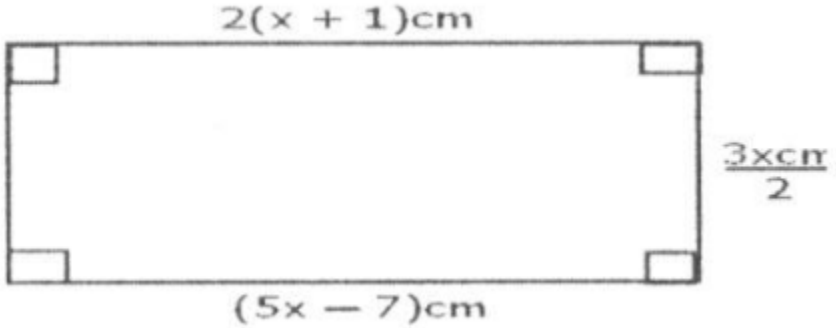
19, The average weight of 6 boys is 40Kg. Two boys weighing 40Kg and 20Kg leave the group. Find the average weight of the remaining four boys.

20. Describe the shaded region in the Venn diagram below.

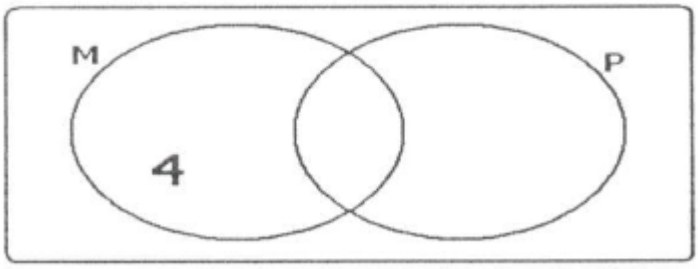


SECTION B

21 Find the area of the rectangle below.



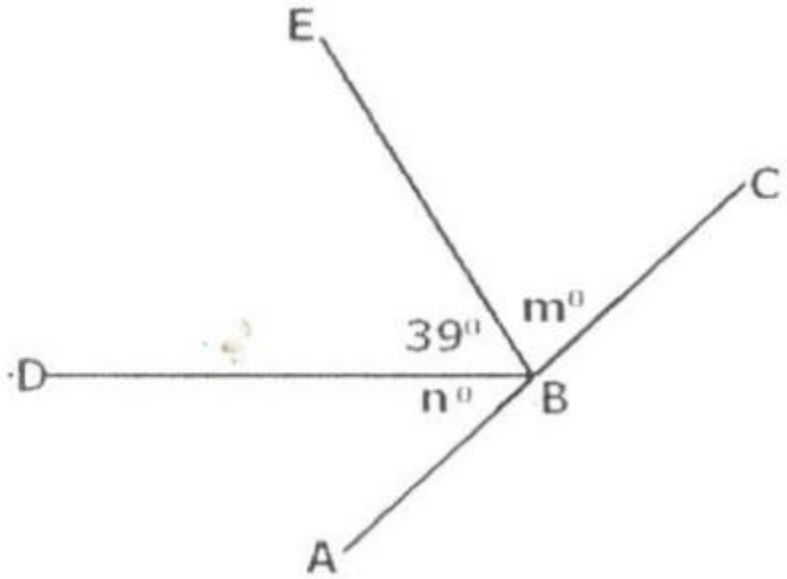
22. In a class of 56 pupils, 30 pupils eat Matooke (M), X pupils eat potatoes (P) only, 4 pupils eat both Matooke and potatoes while 2 pupils eat neither of the two types of food.
(a) Complete the Venn diagram given below using the information above.



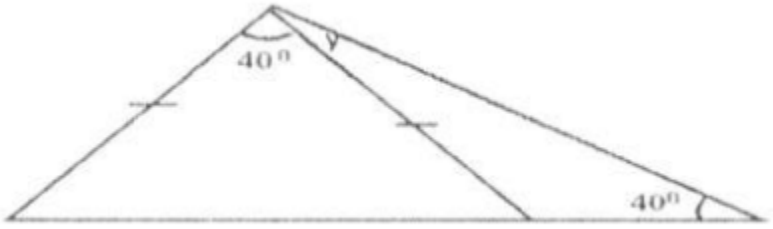
(b) Find the value of X.

(c) How many pupils do not eat potatoes?

23. Given that m = (2n + 30°)
(a) Calculate the value of n in the figure below.



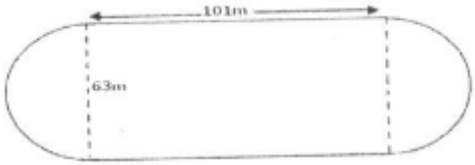
(b) Find the size of angle y in the figure below.



(a) How much money did he spend altogether?

(b) If he was given a discount of 10%, what was his balance?

24. The diagram below shows a running track. Use it to answer the questions that follow. j



(a) Find the perimeter of the track. (Take $\pi = \frac{22}{}$)

(b) How many laps should an athlete run around the track to cover a distance of 4,8 km?

25. Ssali drives at 120 km per hour and Ssegawa at 100 km per hour. If they leave town A at the same time to go town B 360 km away, how far will Ssegawa be from town B when ssali arrives there?

26(a) Using a pair of compasses, ruler and a pencil only, construct a rhombus ABCD such that AC=8cm and BD=6cm.

(b) Find the perimeter of the above figure. J:

27(a) Solve: $\frac{8x-1}{5} = \frac{2x+5}{3}$

(b) Musoke is 10 years younger than Ali. In 5 years' time, Ali will be twice as old as Musoke. How old is Musoke now?

28. Pondi went with sh.50,000 and bought the following:
3 kg of sugar at sh.3,400 per kg.
4 sachets of salt for sh.2,000.
2 kg. of rice at sh.4,500 per kg.
1½ kg. of meat at sh.1O,000 per kg.

a) How much money did he spend altogether?
b) If he was given a discount of 10%, what was his balance?

29(a) Given that y = 2x — 5, complete the table below.

x	2	0	……	5	……..
y	……..	…….	3	……..	7

30. The table below shows the number of pupils in each class in a school.

P.1	30
P.2	36

P.3	30
P.4	24

Draw a pie chart of radius 4cm to represent the above information.

31. The digits 3, 4, 5 are arranged in a random order to form three - digit numbers. No digit is repeated in any number formed.
(a) Write down the possibility space for the numbers formed.

(b) Determine the probability that the number formed is odd.

32. Of the three church bells, one rings at an interval of nine minutes, the second at an interval of twelve minutes and the third at an interval of fifteen minutes. If they ring together at 9:30 am., when will they next ring together again?