

KAMPALA QUALITY PRIMARY SCHOOL

P. 7 EMERGENCY HALF TERM REVISION SET 4, 2020

Mathematics

Time: 2 hours 30 minutes

NAME: _____

Stream: _____

District: _____

Date: _____

FOR EXAMINER'S USE ONLY

A	
B	
TOTAL	

Read the following instructions carefully:

1. This paper is made up of section A and B.
2. Section A has 20 short answer questions (40 marks).
3. Section B has 12 questions (60 marks).
4. All answers to both section A and B must be written in the spaces provided.
5. All answers must be written in blue ink and diagrams should be drawn in pencil.
6. Any handwriting that cannot easily be read will lead to loss of marks.
7. Unnecessary alteration of work may lead to loss of marks.
8. No calculators are allowed in the examination room.

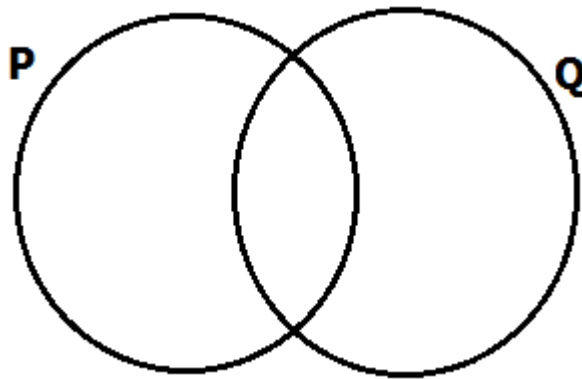
PARENT'S COMMENT	
SIGNATURE	
Date:	

SECTION A:(40 Marks)

1. Multiply: 21×6

2. Write 44 in Roman numerals.

3. On the Venn diagram below, shade the region representing $P - Q$.



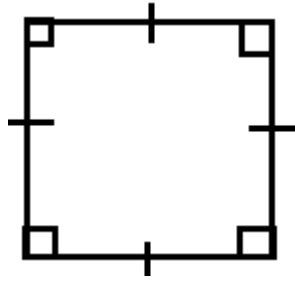
4. work out: $3 - 6 = \underline{\hspace{1cm}}$ (Mod 7)

5. Write 22021 in words.

6. Find the next number in the sequence: 64, 32, 16, 8, _____.

7. If $m = 6$, $n = -8$, evaluate $2m - n$.
8. An interview started at 8:52 a.m. and ended at 11:07 a.m. For how long was the interview?
9. $2x - 15^\circ$ and x are complementary angles. Find the value of x .
10. Change 2.05Kg to grammes.
11. A bundle of 35 notes was given to a worker. If sh. 175,000 was in a bundle. What was the value of each note?
12. Work out the average of $3a$, 2 , $a+2$ and $4a$.

13. The figure below has an area of 144m^2 , what is the length of one side?



14. Write 0.00106 in standard form.
15. At the meeting attended by only $\frac{2}{3}$ of the members, $\frac{1}{4}$ were women and the rest were men. What fraction of the men attended the meeting?
16. Collect the like terms and simplify: $3p - 5m - 2p + m$
17. A bus covered a distance of 84Km in 2 hours. What was the speed of the bus in Km/hr?

18. Simplify: $\frac{5}{12} + \frac{1}{4}$

19. Given that  represents 6 cars, how many such pictures represent 42 cars?

20. The LCM of two numbers is 12 and their GCF is 6. If one of the numbers is 18, find the other number.

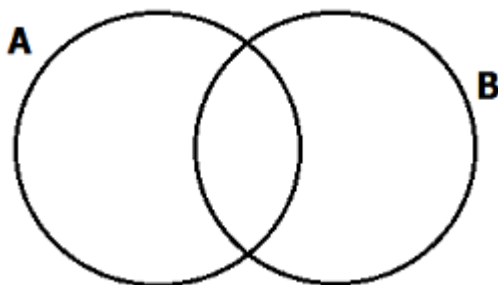
Section B (60 marks)

21. Given that set A = {all factors of 12}, set B = {all even numbers less than 12}.

(a) List members of: **(1 mark each)**

(i) set A (ii) set B

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

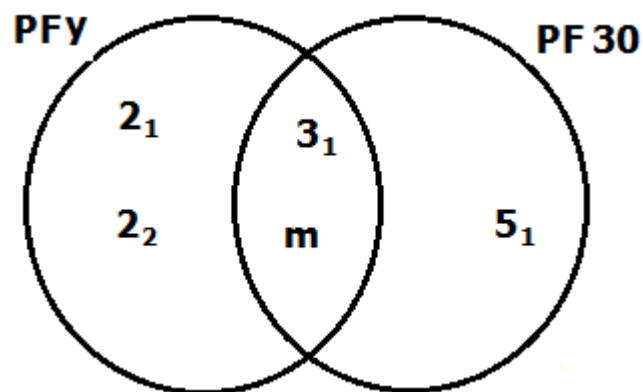


22. In a basket of 105 fruits, $\frac{4}{7}$ are apples, $\frac{1}{3}$ are oranges and the rest are lemons.

(a) Find the fraction of lemons in the basket. **(2 marks)**

(b) How many lemons are in the basket? **(2 marks)**

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



(a) Find the value of m . **(2 marks)**

(b) Work out the value of y . **(2 marks)**

(c) What is the GCF of y and 30. **(1 mark)**

24. A group of scouts went for a trip using 8 buses. 3 of the buses carried 35 scouts each and the rest of the buses carried 29 scouts each.

(a) How many scouts went for the trip altogether? **(3 marks)**

(b) On their return journey, they all used 5 buses each carrying the same number of scouts. How many scouts were in each bus? **(2 marks)**

25. Below are the exchange rates in Nana Forex Bureau.

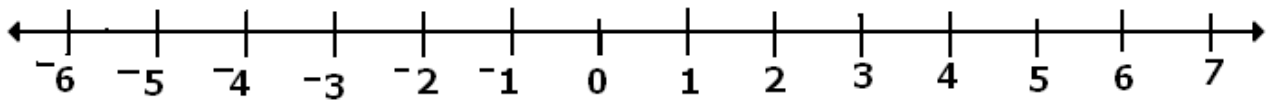
1 Pound Sterling (£)	=	Ug sh 4550
1 US dollar (\$)	=	Ug sh 3450
1 K sh.	=	Ug sh. 30

(a) Jane had 30 Pound Sterling. How much was it in Uganda shillings? **(2 marks)**

(b) Teddy had US 900 dollars. How much money was it in Kenya shilling? **(3 marks)**

26. Use the number line below to work out:

- (a) 3×-2 **(2 marks)**



- (b) The temperature in Kabale was -8°C in Kabale in the morning. In the afternoon, the temperature was 27°C . What was the rise in temperature? **(2marks)**

27. A motorist covered a distance of 180km in $1\frac{1}{2}$ hours.

- (a) What was his average speed? **(2 marks)**

- (b) If the motorist left town N driving at the same speed at 8:00 a.m. and arrived at town K at 10:15 a.m., how far apart are the two towns? **(3 marks)**

28(a) Work out: $1011_{\text{two}} + 1101_{\text{two}}$ **(2 marks)**

- (b) Given that $202y = 52_{\text{ten}}$, find the value of y . **(3 marks)**

29. **The table below shows the performance of pupils in a test.**

Score	70	85	65	48	38
No. of pupils	1	2	4	3	2

- (a) How many pupils did the test? **(2 marks)**

- (b) What was the modal mark? **(1 marks)**

- (c) Work out the average mark. **(3 marks)**

30. Juma is 5 years older than Aisha. In 8 year's time, their total age will be 35 years.
How old is each of them now? **(4 marks)**

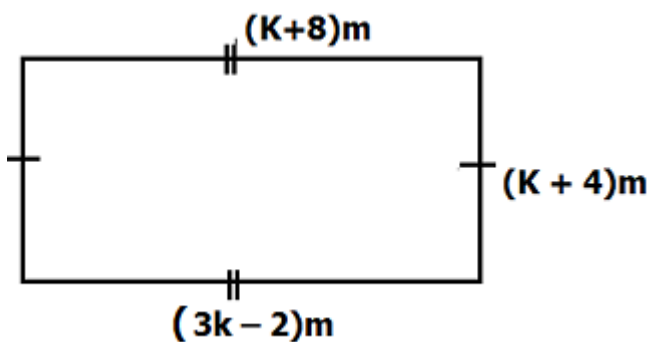
31(a) Use a protractor to draw an angle of 70° .

(2 marks)

(b) Using a ruler and a pair of compasses only, construct an equilateral triangle of side 5cm.

(3 marks)

32. The diagram below shows a rectangle.



(a) Find the value of k .

(2 marks)

(b) Find its: **(1 mark each)**

(i) length

(ii) width

(c) Calculate its area. **(2 marks)**