BROAD EXAMINATIONS®

P.6 MATHEMATICS EXAMINATION
TRIAL SET I TERM III 2026

Time allowed: 2 hours 30 minutes

Pupil's Name: .....

School Name: .....

District Name: .....

Read the following instructions carefully:

1. This paper is made up of 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 in both sections A and B.
5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do not fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINERS' USE ONLY		
PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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Approved by:

Team Head Mathematics Department

SECTION A (40 MARKS)

1. Write 96,725 in words.

2. Given that X = {2, 4, 6, 8, 10} and Y = {a, b, c, d, e}, describe the [illegible]

3. Find the missing number.

   $8 - \square = 5$

4. Divide;

   $9\overline{)1404}$

5. Convert 195 minutes to hours.

6. Leah scored $\frac{7}{10}$ in the first test and $\frac{1}{20}$ in the second test. In which test did she get the best score?

7. A team scored 18 points during athletics competitions. Represent the number of points using tallies.

8. Round off 2973 to the nearest hundreds.

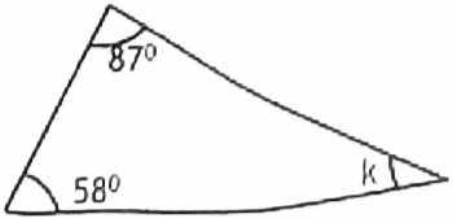
9. A girl had two ropes of lengths 4m 64cm and 7m 48cm. Find the total length of the two ropes.

10. Simplify; $4 \cdot 8$

11. Find the next numbers in the sequence below.

36, 28, 21, 15, 10, ____, ____

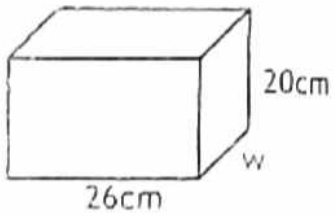
12. Find the value of angle k.



13. Given that set M = {m, a, n}, list all possible subsets of set M.

14. Kevin is 13 years older than Kellen. If their total age is 43 years, how old is Kevin?

15. The base area of the figure below is 156cm^2. Use it to find the width of the figure.



16. The cost of 3 cups is sh. 3600. Find the cost of 5 similar cups.

17. The number of pupils in a class increased by $33\frac{1}{3}\%$. If the old number of pupils is 54, find the new number of pupils in the class.

18. How many 0.25 centilitre bottles of juice can be packed from a 1.5 litre container?

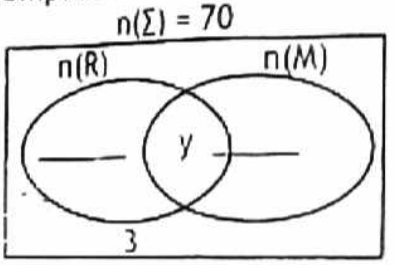
19. Draw an angle of 55^0 using a protractor.

20. Given that US$ 1= 3650 Uganda shillings, how much money in Uganda shillings is equivalent to 540 US dollars?

SECTION B (60 MARKS)

21. In a class of 70 pupils, 40 like Rice (R), 36 like Matoke (M), y like both rice and matoke while 3 do not like any of the two.

(a) Complete the venn diagram below.



(b) Find the value of y.

(c) How many pupils like only one type of food?

(06 marks)

22. Given the digits 2, 0 and 7.

(a) Form all possible three-digit even numbers that can be formed.

(b) Find the sum of the largest 3-digit even number and the smallest 3-digit odd number that can be formed.

(04 marks)

23. The table below shows the marks obtained by a pupil in 5 papers. Use it to answer the questions that follow.

MTC	SCI	SST	ENG	RE	TOTAL
83	65	70	___	60	365

(a) How many marks did the pupil score in English?

(b) Work out the average score.

(05 marks)

24. Peter, Okello and Arnold shared money in the ratio of 3:5:7. If Okello received sh. 24,000;

(a) Find the total amount of money they shared.

(b) How much more money did Arnold get than Peter?

(05 marks)

25. A tuk-tuk can carry 50 boxes of biscuits in every trip. If a box contains 25 biscuits

(a) How many biscuits are carried by the tuk-tuk in 13 trips?

(b) If sh. 1,000,000 is paid for all the biscuits carried in one trip, find the cost of each biscuit.

(05 marks)

26. Two gun men were firing bullets at intervals of 30 minutes and 40 minutes. If both bullets were first fired at 8:40a.m., at what time will they be fired together again?

(05 marks)

27. The table bill below shows the items bought by Mercy on her birthday. Use it to complete it correctly.

Item	Quantity	Unit cost	Amount
Rice	$1\frac{1}{2}$ kg	Sh. 5500	Sh. _____
Soda	_____ bottles	Sh. 4500	Sh. _____
Cup cakes	_____ cakes	Sh. 1500	Sh. 7500
Meat	2kg	Sh. 15000	Sh. _____
TOTAL EXPENDITURE			Sh. 54750

(05 marks)

28. A taxi left town P at 11:30a.m. and reached town Q at 2:00p.m.

(a) How long did the taxi take to travel from town P to town Q?

(b) If town P and Q are 140km apart, find the speed at which the taxi was moving.

(04 marks)

29. (a) Using a ruler, a pencil and a pair of compasses only, construct square HIJK where line HI = 5cm.

(b) Measure diagonal HJ.

(05 marks)

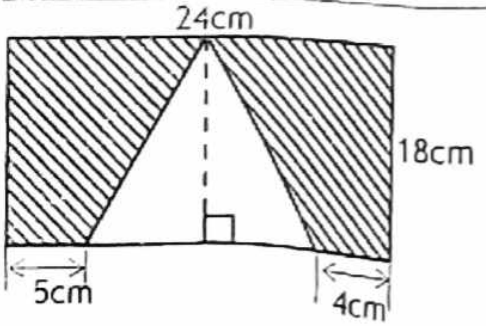
30. A woman deposited sh. 1800,000 in a bank that offers an interest rate of 5% per annum. If she withdrew the money after 6 months,

(a) Find the simple interest she received after 6 months.

(b) Find the amount of money she received after 6 months.

(04 marks)

31. Study the figure below and use it to answer the questions that follow.

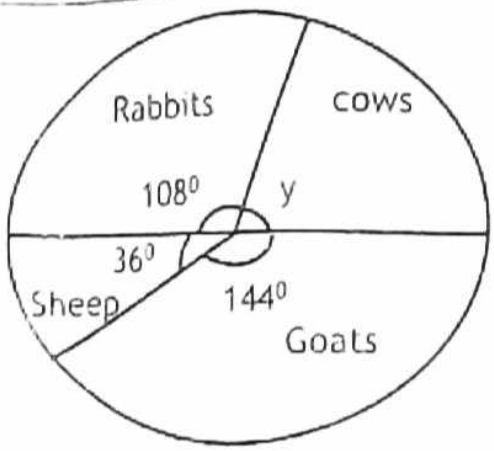


(a) Find the area of the triangle.

(b) Find the area of the shaded part.

(06 marks)

32. The pie-chart below represents the number of animals on Mr. Opolot's farm. Use it to answer the questions that follow.



(a) Find the value of y.

(b) If there are 90 animals altogether, how many goats are there?

(c) Express the angle sector of sheep as a percentage.

(06 marks)

END