



THE E-LEARN EXAMINATIONS BOARD

P.6 END OF TERM ONE EXAMINATION

2025

MATHEMATICS

*Time Allowed: 2 hours 30 minutes*

Index No.

Random No.						Personal No.		

Pupil's Name: .....

School Name: .....

District: .....

Read the following instructions carefully:

1. Do not forget to write your **school** and **district name** on this paper.
2. This paper has **two** sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions. The paper has **10 printed pages**.
3. Answer **all** questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** the working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
5. **No calculators** are allowed in the examination room.
6. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
7. Do not fill anything in the table indicated **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN. NO.	MARKS	EXR'S NO.
1 – 5		
6 – 10		
11 – 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		

**SECTION A: 40 MARKS**

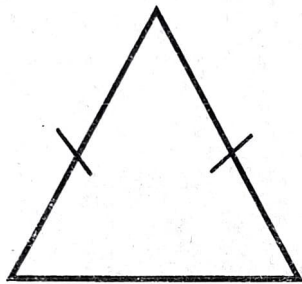
Answer *all* questions in *this* section

Questions in this section carry **two** marks each.

1. Workout  $3 \times 12$  using repeated addition.

2. Write "**one hundred forty-nine**" in roman numerals.

3. Show and write the number of lines folding symmetry that has the figure below.



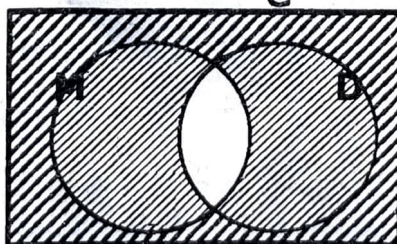
4. Find the median of even numbers in the sequence below.

0, 1, 3, 6, 7, 9....., .....

5. Find the difference in the percentage between the shaded and the unshaded region in the figure below.

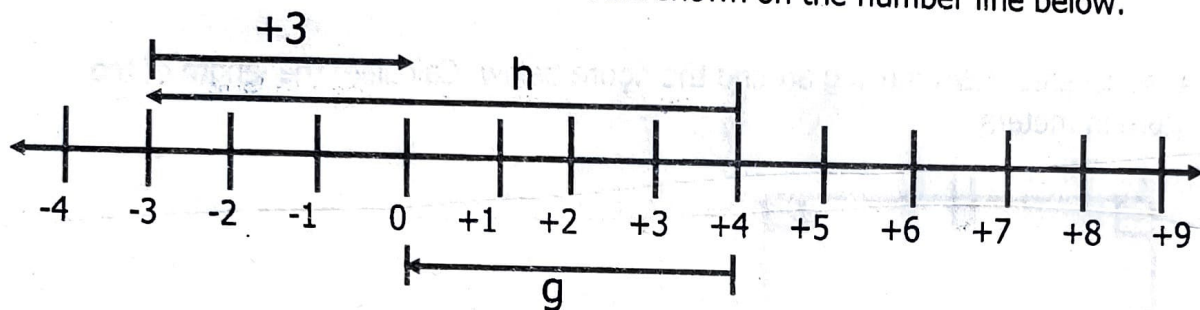


6. Describe the shaded region on the Venn diagram below.



7. In a box, there are 40 mangoes. If  represents 8 mangoes. Draw pictures to represent the above information.

8. Work out the additive inverse of the sum shown on the number line below.



9. Use the space provided below. a ruler and a pair of compasses to construct an angle of  $60^\circ$ .

10. Five halves of sugar cost sh 2200 each. How much money did John Paul spend altogether ?

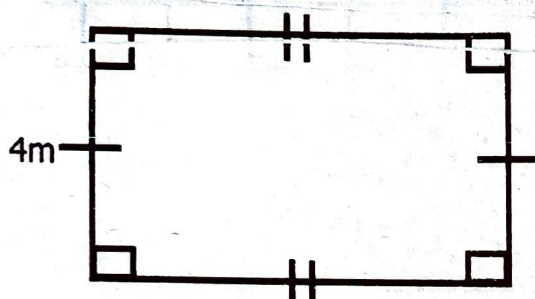
11. Solve for  $e$  if  $2(e-4) = 42$

Turn Over



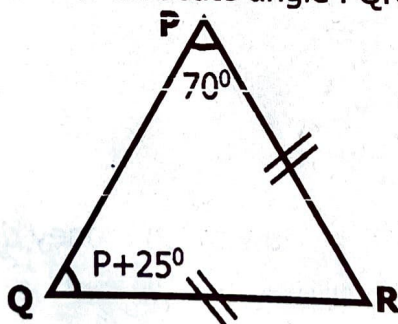
12. A primary six debate started at 2:45p.m and ended at 5:00pm. How long did it take?

13. A rat covered **72m** moving around the figure below. Calculate the length of the figure in meters.



14. Round off 49.69 to the nearest whole number

15. What is the complement of an acute angle PQR on the figure below?



16. In a class,  $\frac{2}{5}$  are boys and  $\frac{1}{5}$  are more girls than boys. Calculate the difference between more girls and the boys in class.

17. KCCA and VIPERS FC played two different games home and away in the STARTIMES UGANDA PREMIER LEAGUE (UPL). Find the probability that both clubs lose a match during the season after competing against each other.

18. Simplify:  $12x + 4a - 4x - 6a$ .

19. Write the sum of  $122_{\text{five}}$  and  $103_{\text{five}}$  in words.

20. Express 90,000 ml into liters.

### SECTION B (60MARKS)

Answer **all** questions **this** section

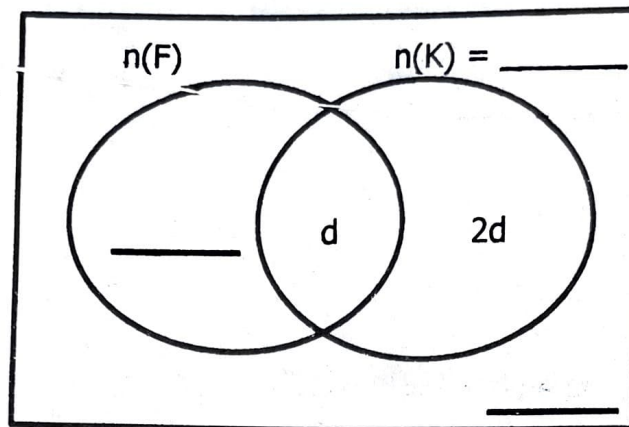
Marks for each **question** is indicted in brackets

21. (a) Write the value of 4 in  $240_{\text{five}}$  (02 mark

- (b) Complete the base five table below. (04 mark

+	3	4
2		
3		

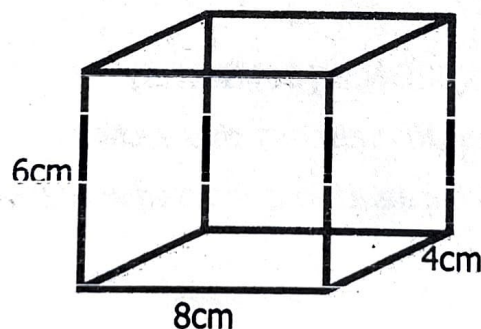
22. In a p.6 class, 10 pupils like French(F) only,  $d$  pupils like both French and Kiswahili, 27 pupils like Kiswahili (K),  $2d$  pupils like Kiswahili only while 2 pupils do not like any of the two languages.  
 (a) Complete the Venn diagram below. (02 marks)



- (b) How many pupils like French?

(03 marks)

23. A primary four boy made a cuboid below using a wire.



- (a) How many edges has a cuboid?

(01 mark)

- (b) Calculate the length of the wire the boy used.

(03 marks)

24. The sum of 4 consecutive multiples of 2 is 44  
(a) Find the multiples.

(04 marks)

- (b) Workout the square of the third multiple.

(02 marks)

25. (a) Workout  $-4 - -2$  using a number line.

(03 marks)

- (b) What is the integer 5 steps to the right of  $-3$ ?

(02 marks)

26. (a) Using a pair of compasses, a ruler and a well sharpened pencil only. Construct and equilateral triangle of 5cm each side.

(02 marks)

- (b) Find its perimeter.

(01 mark)

**Turn Over**



27. Complete the table below correctly

(06 mark)

Item	Quantity	Unit Cost	Amount
CURRY POWDER	2 tins	shs.....	Shs.8000
ONIONS	2 heaps	Shs.600	shs.....
TOMATOES	12	shs.....	Shs.6000
COOKING OIL	shs.....	Shs.5500	Shs.11000
RICE	3 kg	Shs.4000	shs.....

(b) Calculate the total amount of money.

28. A football match began at 4:20 p.m. and lasted for one hour and thirty minutes.

(a) At what time did it end?

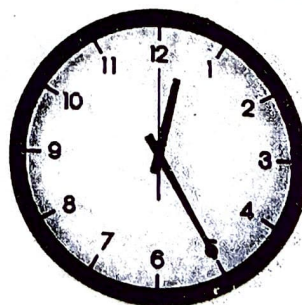
(02 marks)

(b) What angle is made by anti-clock wise turn from **SE** to west?

(02 marks)

(c) Express the afternoon time shown on the clock face below in 24-hour clock system.

(02 marks)





29. In Kabalagala village,  $\frac{4}{15}$  are male and the rest are female students.

(a) What is the fraction of the female students?

(02 marks)

(b) If a village has 30 children altogether, how many more female children than male children?

(03 marks)

30.

0
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3
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4
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are three digits of a learner's registration number at Kazo P/S. use the digits given to answer the questions that follow.

(a) Form the smallest 3 digits numeral.

(01 mark)

(b) Biggest 3-digit numeral.

(01 mark)

(c) workout the value of 3 in the biggest numeral formed.

(01 mark)

(d) Write the roman numeral of the smallest 3 numeral formed.

(01 marks)

31. Five pupils wrote midterm one 2025 in integrated science and their scores were recorded as shown below  
**89%, 61%, 75%, 61%, 94%**  
(a) What was their model mark? (01 mark)

(b) Find their range. (01 mark)

(c) Calculate their mean mark. (02 marks)

32. (a) Given that  $p=q=\frac{1}{3}$  of 15. Evaluate:  $p+q+2W$  (02 marks)

(b)  $\frac{1}{5}$  of  $pq + \frac{1}{3}$  of  $w$  (03 marks)