SUREKEY EXAMINATIONS BOARD

PRIMARY FIVE PROMOTIONAL EXAMINATION

2025

MATHEMATICS

Time Allowed: 2 hours 30 minutes

Admission No.						Personal No.		

Learner's Name: .....

Learner's Signature: .....

School Name: .....

District Name:.....

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 **12 printed pages** altogether
3. Answer **all** questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** 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 easily be read may lead to loss of marks.
7. Do not fill anything in the table indicated: **"For Examiners' Use only"** and boxes

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 **1** to **20** carry two marks each

1. Work out the value of 4 in the numeral 6483.

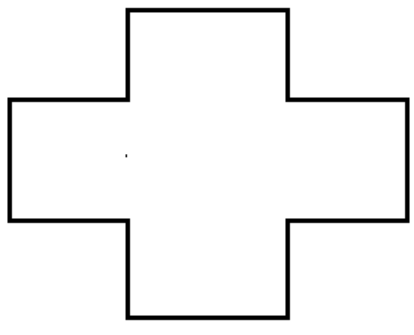
2. Write **LXXIV** in Hindu-Arabic numerals.

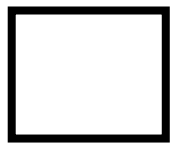
3. Find the next number in the sequence below;

   10, 11, 14, 19, ……

4. A school has 600 pupils who are divided into four sports houses.
   If the pupils are distributed equally among the houses, how many pupils are in each house?

5. Show all the lines of folding symmetry in the figure below.





6. Namata has $3\frac{1}{2}$ metres of cloth while Olive has $1\frac{1}{4}$ metres of cloth. How many more metres of cloth does Namata have than Olive?

7. Using a protractor and a pencil only, draw an angle of 65^0 in the space below.

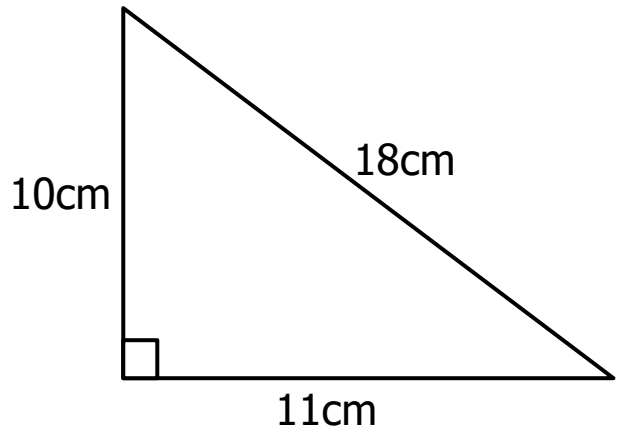
8. Round off 473 to the nearest hundreds.

9. What is the largest factor that is common between 21 and 28?

10. Given that  represents 8 cups, a home has 32 cups.
Draw pictograms to represent the number of cups in that home.

Turn Over

11. Find the area of the figure below;



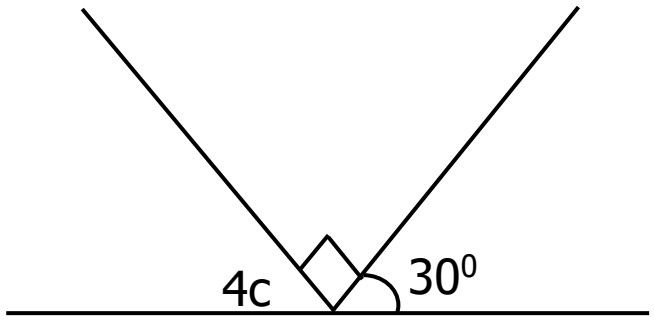
12. Set K consists of all prime numbers between zero to ten. List, and find the number of elements in set K.

13. There are 'seven thousand four hundred ninety-six' animals on a farm. Write in figures, the number of animals on the farm.

14. Express 480 centimetres into metres.

15. Adhile was given sh.18,000 for pocket money. He used sh.4,700 to buy chapati, soda and sweets. What amount of money was he left with?

16. In the diagram below, find the value of C.



17. A pupil has been late by 15 minutes every day for five consecutive days. Find in hours, the total time which the pupil missed lessons in that period.

18. Write down the prime factors of 72 in subscript form.

19. A cricket team collected 21 points in the first round of the tournament. In the second round, it lost 13 points and in the third round, the team collected 11 points. Work out the team's final score.

20. Workout: 6.42 + 3.14 − 1.05

SECTION B: 60 MARKS

Answer **all** questions in this section

Marks for each question are indicated in brackets.

21. Draw a Venn diagram to show the elements of Set E = {1, 2, 3, 4, 5}, Set F = {2, 3, 5, 7, 11, 13}, and hence, use your Venn diagram to find n(E ∪ F). (05 Marks)

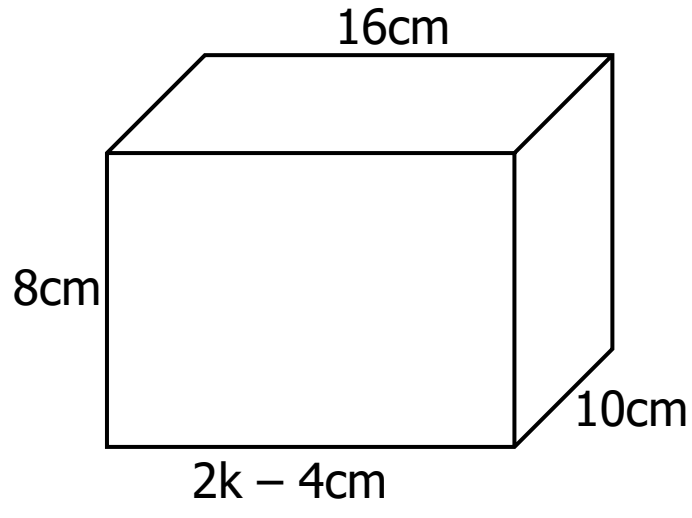
22. Mr. Rwampara earns a weekly allowance of sh.50,000. One weekend, he used his allowance to buy the items below from a shop and saved the remainder:

- 2 tablets of Geisha soap at sh.3,500 per tablet
- 500 grams of powdered milk at sh.8,000 per kg
- 12 litres of cooking oil at sh.6,000 per litre
- Data bundle at sh.10,000

Calculate the remaining amount of money that Mr.Rwampara saved.

(05 Marks)

23. The diagram below shows a cuboidal box. Use it to answer the questions that follow.



(a) Find the value of k. (02 Marks)

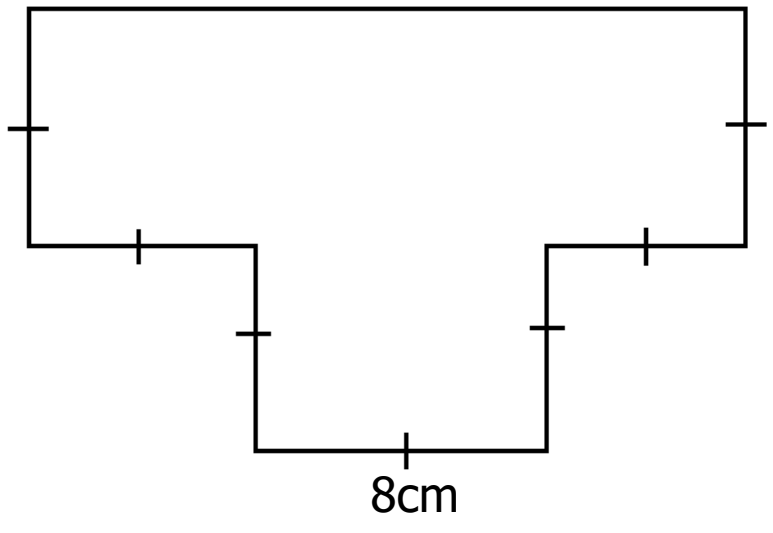
(b) Work out the volume of the box. (02 Marks)

24. (a) Using a pair of compasses and a ruler only, construct a square ABCD in which AB = 5 cm. (04 Marks)

(b) Measure the length of the diagonal BD. (01 Mark)

Turn Over

25. A school bought a piece of land shown by the sketch map below. Study it carefully and answer the questions that follow.



(a) Work out the perimeter of the land. (02 Marks)

(b) Find the area of the land. (04 Marks)

26. Ketra is 4 years older than her brother Louis. Their total age is 10 years. How old is each child? (04 Marks)

27. Allan rode his bicycle from home at a speed of 28 km/h for 3 hours to town B where he arrived at 'a quarter past 11 o'clock' in the morning.

(a) At what time did Allan leave home for town B? (02 Marks)

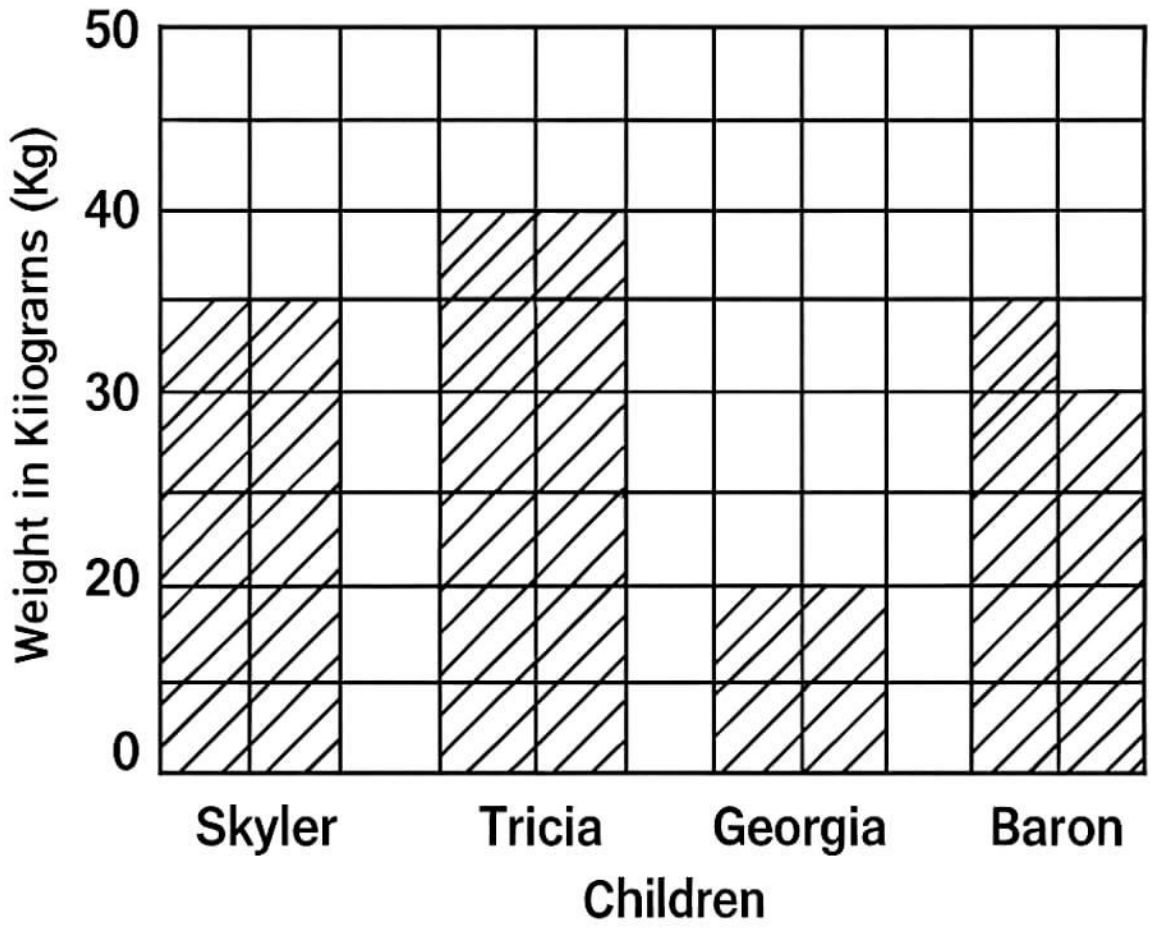
(b) What is the distance between Allan's home and town B? (03 Marks)

28. (a) Work out: $312_{five} + 123_{five}$ (02 Marks)

(b) Convert 113_{five} to base ten. (02 Marks)

(c) Write the place value of 2 in 201_{five}. (02 Marks)

29. The bar graph below shows the weights in kilograms of some children. Study it and use it to answer the questions that follow.



(a) What is the weight of the lighter child? (01 Mark)

(b) Convert Skyler's weight to grammes. (02 Marks)

(c) Calculate the average weight of all the children. (03 Marks)

30. Three men, Kasolo, Kabale and Owinyi were hired to dig on a plantation farm. They were allocated the same size of land to dig. The part of land dug by each man on the first day is given below;

Kasolo $\frac{1}{4}$, Kabale $\frac{3}{5}$ and Owinyi $\frac{3}{10}$

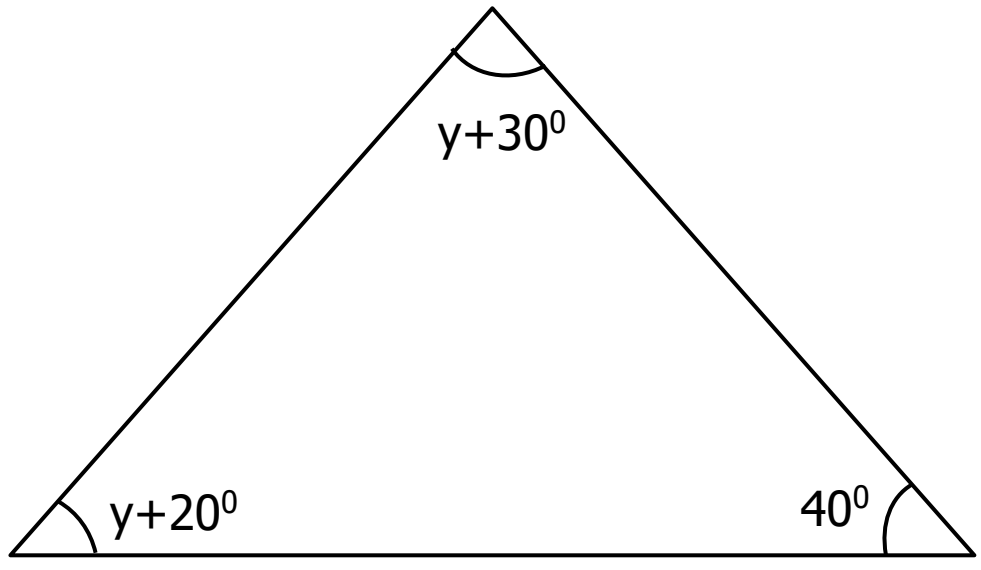
Determine which one of the men dug the largest part on the first day.

(05 Marks)

31. A market vendor used sh.40,000 to buy a basket of ten pineapples. 7 of them were large and the rest were medium size. She later sold each large pineapple at sh. 5,000 and the medium size at sh.3,000. Calculate the profit she got after selling all the pineapples. (06 Marks)

32. (a) An athlete made $3\frac{1}{4}$ runs around a circular running field. Find the total degrees she covered in all the runs. (02 Marks)

(b) In the diagram below, find the value of y. (03 Marks)



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