



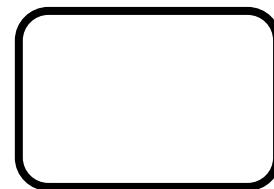
KISOZI BUDDO NURSERY AND PRIMARY SCHOOL

PRE PLE ASSESSMENT SET TWO INTERNAL, 2023

PRIMARY SEVEN

MATHEMATICS

Time Allowed: 2 Hours 30 Minutes



Name: Stream

INDEX NUMBER:

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Read the following instructions carefully:

1. This paper has two sections A and B.
Section A has 20 questions and Section B has 12 questions.
2. Answer all questions in both sections in the spaces provided with a **blue** or **black** pen.
3. Any **drawing** or **shading** needed must be done in **pencil** only.
4. Unnecessary **crossings** in your working may lead to **loss** of marks. So, try to **avoid** it.
5. Any poor handwriting and disorganized work may lead to **loss** of marks.
6. Do **not** fill anything in the boxes indicated "FOR EXAMINERS' USE ONLY"

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| FOR EXAMINERS' USE ONLY | |
|-------------------------|-------|
| PAGE NO. | MARKS |
| Page 2 | |
| Page 3 | |
| Page 4 | |
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| Page 7 | |
| Page 8 | |
| TOTAL | |
| TEACHER'S COMMENT | |

SECTION A: 40 MARKS

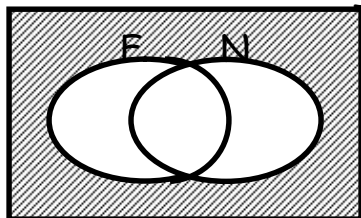
Answer all questions in this section.

Question 1 to 20 carry two marks each.

1. Write XLII in words.
2. Calculate the sum of the values of 9 and 3 in the numeral 98321.

3. Simplify: $2e(3 - e)$
4. Change 203_{eight} to base ten.

5. On the Venn diagram below, describe the shaded region.



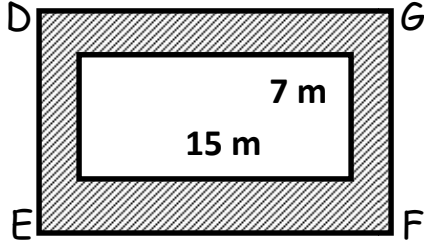
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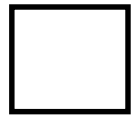
6. The bearing of point A from point B is 210° . Find the bearing of B from A?

7. Work out the product of the fifth and the eleventh odd numbers.
8. Round off 5.348 to 2 decimal places.

9. The area of the shaded part in the figure below is 95 cm^2 . Find the area of the outer rectangle DEFG.



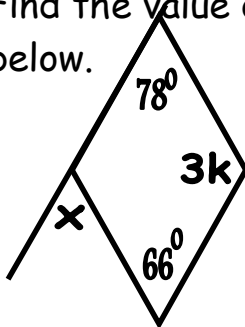
10. A farmer collected 390 eggs from his poultry farm. He packed them into trays of 30 eggs each. How many trays did he use?




11. Given that $a = 8$ and $b = 6$. Find the Value of: $a b + 2 b$.

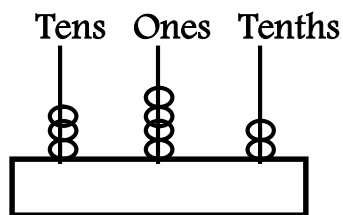
12. In Uganda Premier League, 20 teams play against each other every week home and away. There are 10 fixtures per week. Find the number of matches in a season.

13. Find the value of k in the figure below.



14. Given that this cup  can hold 2.5 litres of water. Draw such cups which will hold 15 litres of water.

15. What number is on the abacus below



16. Twenty four pencils cost shs 6000.
How many dozens of pencils can one buy with shs 18000?



17. How many squares are in the next groupings in the pattern.



18. The average of 3, 8, x, 15 and 18 is 11. Find the value of x.

19. Workout : $\frac{4}{5} - \frac{1}{6}$

20. Find the simple interest on shs 500,000 borrowed for 4 months at an interest rate of 5 % per month.



SECTION B: 60 MARKS

Answer all questions in this section.

Marks for each part of the question are indicated in the brackets.

21. In a village, everyone speaks either Swahili or Luo or both languages. If 65% speak Swahili and 89% speak Luo:

a) What percentage of the people speaks both languages? (4 marks)

b) Find the probability of picking a person who speaks Swahili only? (2 marks)

22. Suzan went to the shop and bought the following items.

a) Complete the table below (show your working).

(4 marks)

| Item | Quantity | Unit cost | Total cost |
|-------------------|--------------------|-----------|------------|
| Soap | 3 bars | Shs.5500 | Shs..... |
| Sugar | 2 $\frac{1}{2}$ Kg | Shs..... | Shs.9500 |
| Salt | Kg | Shs.2000 | Shs.800 |
| Total expenditure | | | Shs..... |

b) If she remained with shs.4000, how much did he have at first? (1 mark)



23. Simon has blue, red and green shirts in his room in the ratio 5: 3: 4 respectively. The red shirts amount to 120 shirts.

a) What is the total number of shirts in Simon`s room? **(3 marks)**

b) How many more blue than green shirts are in the room? **(2 marks)**

24. solve for the unknowns in the following equations.

(3 marks @)

a) $\frac{4}{5} - \frac{2}{3} = \frac{2}{x}$

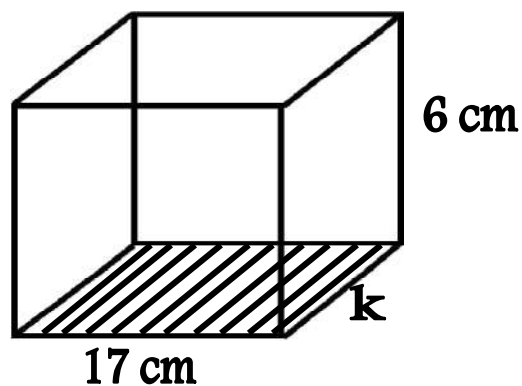
b) $5 - 2(2 - m) = 3$

25. a. Three gun men began shooting at intervals of 5 minutes, 7 minutes and 9 minutes respectively. After how long will they fire together again? **(2 marks)**

b. Workout:
$$\frac{34.1 - 19.7}{0.6 \times 0.8}$$

(3 marks)

26. The volume of the cuboid below is 918 cm^3 . Find the area of the shaded part.
(5 marks)

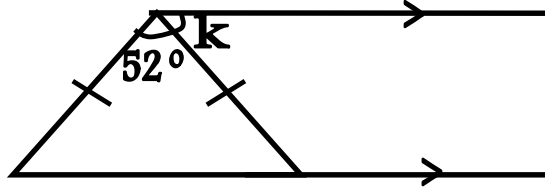


27. A trader bought a 50 kg bag of sugar at Shs: 200,000. At what price must a trader sell each kilogram in order to get a profit of 20% .
(4 marks)



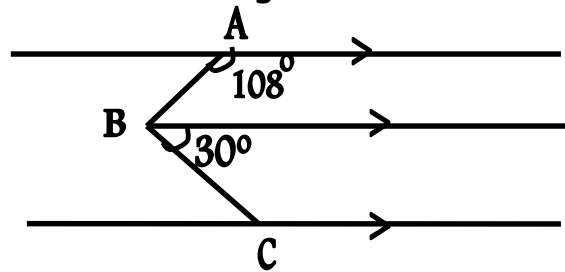
28. a). Find the value of k in the figure below in degrees.

(2 marks)



b). Work out the size of angle ABC in the diagram given below.

(2 marks)



29. a. A man was born 5 years before independence. His first son was born 19 years after independence. How old was the man when the son was born?

(2 marks)

b. A watch is 9 minutes fast. A clock is 6 minutes slow. A radio announcer says, "The time is now 11:30 am", .What times do the watch and clock show?

(2 marks)



30. In the space below, use a ruler and a pair of compasses with a sharp pencil to construct a rhombus RSTU where diagonals RT and SU are 6 cm and 9 cm respectively. (4 marks)

b. Measure the length RS (1 mark)

31. Angel is 24 years younger than Cathy. In 5 years than Cathy will be thrice as old as Angel.

a. How old is Angel now? (3 marks)

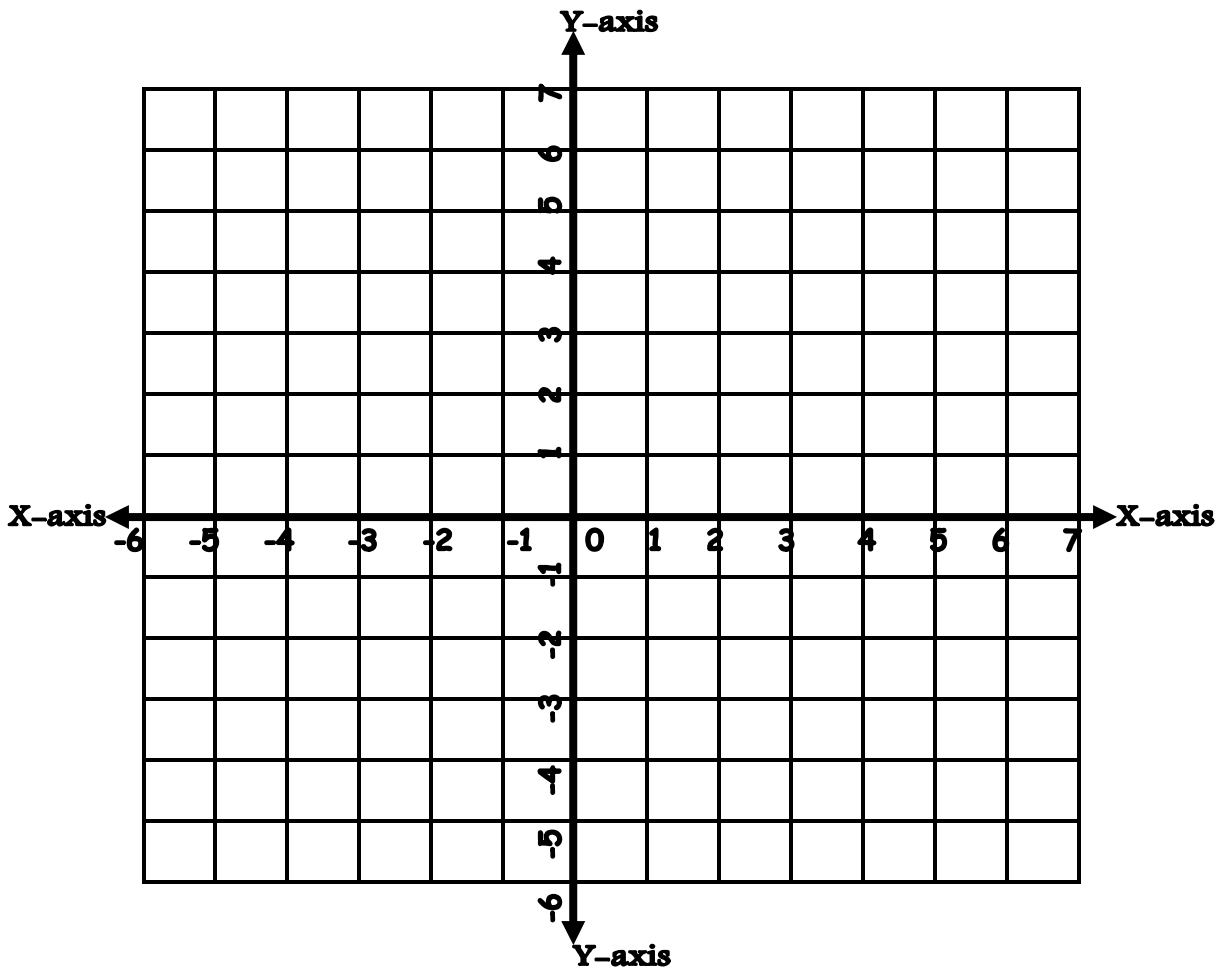
b. How old will Cathy be in 5 years time? (2 marks)



32. Use the grid below and plot the following points correctly.

- a. $A(+1, +1)$, $B(-2, -3)$, $C(-6, +1)$, $D(+3, -3)$

(4 marks)



- b. Join the plotted points well and find the area of the figure formed.

(1 mark)



GOOD LUCK



Revise and practise questions in this paper very well.

