

Our children's success is our parent's pride

PEAK JUNIOR SCHOOL AND DAY CARE-NAKABUGO



P.5 INTERVIEW EXAMINATIONS 2025 MATHEMATICS



Time allowed: 2 hours 15 minutes

Name: _____

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**
2. Section **A** Sub-Section I has 30 questions (30 marks)
and Sub-Section II has 20 questions (20 marks)
3. Section **B** has 5 questions (50 marks)
4. Answer **ALL** questions. All answers to both Sections **A**
and **B** must be written in the spaces provided.
5. All answers must be written using a blue or black ball
point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary crossing of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to
loss of marks.
8. Do **not** fill anything in the boxes indicated
For Examiner's use only.

**FOR EXAMINER'S USE
ONLY**

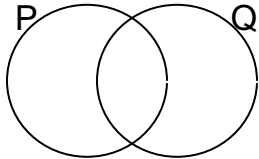
Qn. No	MARK	SIGN
1 – 16		
17– 26		
27 – 35		
36 – 44		
45 – 50		
51 – 52		
53		
54		
55		
TOTAL		

Turn over

SECTION A: 40 MARKS (2 marks each)

1. Add:
$$\begin{array}{r} 1\ 6 \\ + 3\ 2 \\ \hline \end{array}$$

2. Shade set Q



3. Complete correctly

$2 + 2 + 2 + 2 + 2 = ___ \times ___ = ___$

4. Write 19 in Roman numerals.

5. How many months are in 3 years?

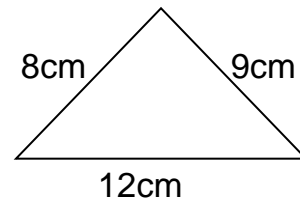
6. Subtract: $\frac{4}{5} - \frac{2}{5}$

7. Multiply:
$$\begin{array}{r} 8\ 1 \\ \times 6 \\ \hline \end{array}$$

8. Find the missing two numbers in the sequence below.

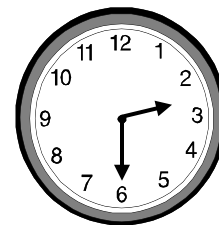
11, 22, 33, 44, _____, _____

9. Find the distance round the figure below



10. Draw a cylinder in the space below.

11. What time is shown on the clock face?



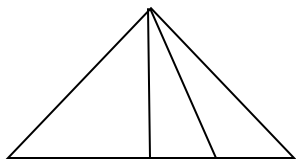
12. If one Orange costs sh. 800. What is the cost of 4 similar Oranges?







13. Change: $2\frac{2}{3}$ to an improper fraction.

14. How many $\frac{1}{2}$ litre cups of water will fill a 10 litre bucket?

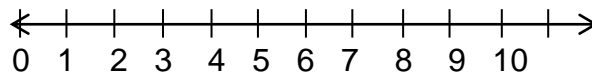
15. If $P = 10$, Find the value of $P - 4$.

16. How many triangles can you see in the shape below?



17. If  costs shs. 500. Find the cost of     

18. Use a number line below to work out: $5 + 4$



19. Find the missing number.

$$\boxed{} + 10 = 15$$

20. List down the first 5 odd numbers.

SECTION B: (60 MARKS)

21. (a) Round off 4831 to the nearest Hundreds. (1 mark)

- (b) Add the values of 5 and 3 in the number 3615. (2 marks)

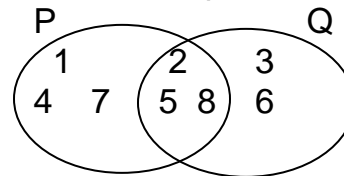
- (c) What number has been expanded to get? (2 marks)
 $(7 \times 1000) + (4 \times 100) + (6 \times 10) + (5 \times 1)$

22. Study the price-list and answer questions that follow.

Item	Price
Sugar	Sh. 5000 a kg
Rice	Sh. 3000 a kg
Bread	Sh. 3500 a loaf
Soda	Sh. 1000 a bottle

- (a) Find the cost of a kg of sugar and a loaf of bread. (2 marks)
- (b) Mukasa bought all the items in the price list. How much did he pay? (2marks)
- (c) Mukasa had sh. 15000, how much money did he remain with after buying all the items? (2 marks)

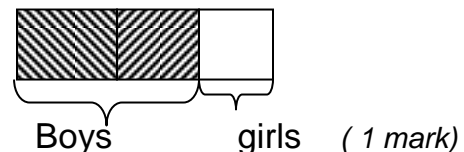
23. Study the Venn diagram and answer the questions that follow.



- (a) List the elements of set Q. (1 mark)
- (b) List the elements of set P. (1 mark)
- (c) How many elements are in $P \cup Q$? (1 mark)
- (d) List the elements in $P \cap Q$. (1 mark)

24. (a) What is $\frac{3}{4}$ of 12 books? (2marks)

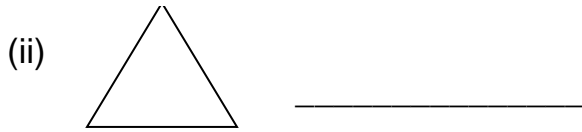
(b) Study the diagram below.



Write the fraction for boys.

- (c) How many quarters are in 3 wholes? (2 marks)

25 (a) Name these shapes. (1 mark each)



(b) Draw these shapes. (1 mark each)

(i) Kite

(ii) Square

26a) Three boys John, Jacob and Jim weigh 25kg, 32kg and 33kg. Work out their total weight. (2 marks)

(b) There are 7 classes in a school of 350 pupils. How many pupils are in each class? (2 marks)

(c) Take away 37 from 100. (2 marks)

27. Complete the magic square below. (show the working) (4 marks)

9	<u> </u>	7
<u> </u>	6	8
5	<u> </u>	3

28a) How many weeks are 21 days? (2 marks)

(b) Write the names of months which start with letter A. (2 marks)

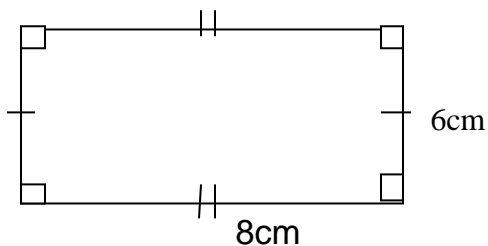
(c) Maria is 16 years old. Margret is 7 years younger than Maria. Find their total age. (2 marks)

29. (a) Peter had $\frac{7}{9}$ of a cake, he ate $\frac{5}{9}$ of it. What fraction remained?
(2 marks)

- b) Musa dug $\frac{1}{6}$ of the garden and Alice dug $\frac{4}{6}$ of the garden. What part of the garden was dug?
(2 marks)

- c) I read $\frac{2}{5}$ of a mathematics book. What fraction was left? (1 mark)

30. Study the figure below and answer the questions that follow.



- (a) Name the figure. (1 mark)

- (b) Calculate the perimeter (1 marks)

- (c) Find its area. (2 marks)

31. Find the missing numbers.

(1mark each)

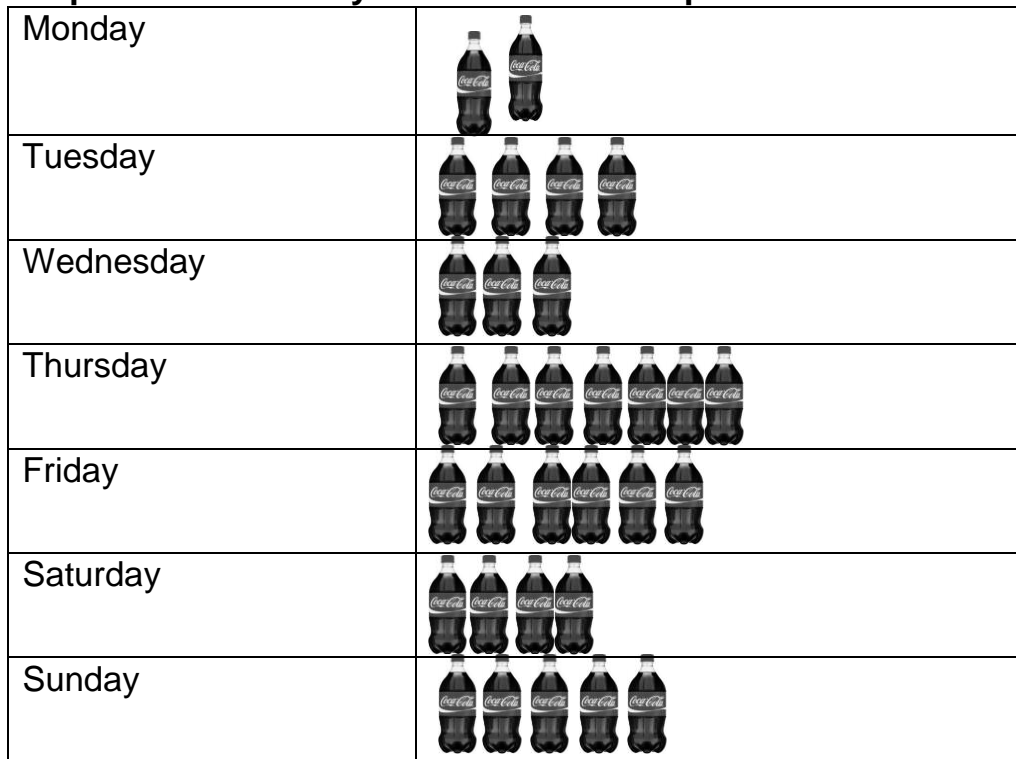
(a) $\square + 13 = 20$

(b) $\square - 11 = 15$

(c) $5 \times \square = 45$

(d) $\square \div 10 = 6$

32. The picture graph shows the number of bottles of sodas sold in Kato's shop in a week. Study it and answer the questions that follow.



Stands for 20 bottles.

- (a) How many bottles were sold on Tuesday? (2 marks)
- (b) On which day was the largest number of bottles sold? (1 mark)
- (c) On which two days was the same number of bottles sold? (1 mark)
- (d) Find the total number of bottles sold that week. (2marks)

Good Luck