

PRIMARY FOUR
MATHEMATICS

Time allowed: 2 hours 30 minutes

Name: _____

School: _____

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**
2. Section **A** has 20 short questions (40 marks)
3. Section **B** has 12 questions (60 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 alteration 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

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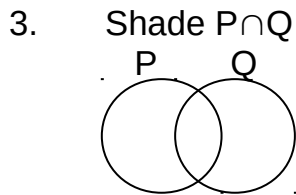
Qn. No	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 32		
TOTAL		

Turn over

SECTION A: 40 MARKS (2 marks each)

1. Add:
$$\begin{array}{r} 4 \quad 2 \\ + 3 \quad 7 \\ \hline \end{array}$$

2. Write 112 in words.




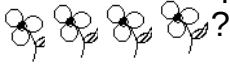
4. Find the next number in the sequence
3, 6, 9, 12, _____

5. A book costs shs. 500. How much do 3 similar books cost?

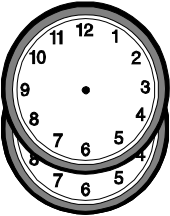
6. Count the number of rectangles.



7. Add: $\frac{2}{7} + \frac{3}{7}$

8. If  represents 3 flowers, how many flowers are represented by ?

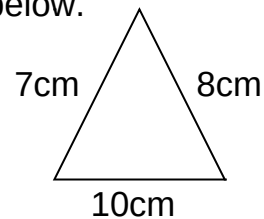
9. Tell the time



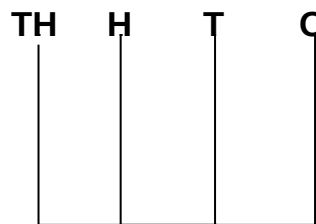
10. Find the missing number
 $\square + 3 = 9$

11. Draw a cone in the space below.

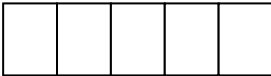
12. Find the distance around the figure below.



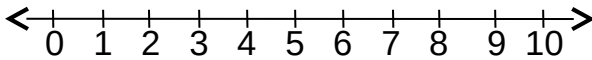
13. Show 4 1 0 6 on the abacus below.



14. Share 36 mangoes among 3 boys.

15. Shade $\frac{3}{5}$ 

16. Use a number line to add $5 + 2$.



17. Given that set $P = \{\text{Days of the week}\}$ Find $n(P)$

18. What is $\frac{2}{3}$ of 18 balls?

19. Write 19 in Roman numerals.

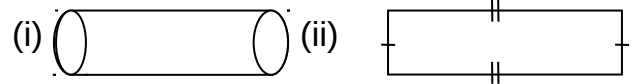
20. Complete correctly;

$$3 + 3 + 3 + 3 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

SECTION B: (60 MARKS)

21 (a) Name the following shapes.

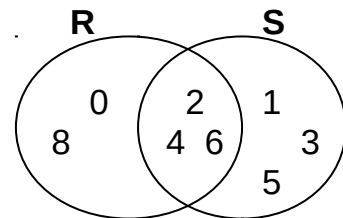
(1 mark each)



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

(i) Triangle (ii) Square

22. Study the Venn diagram below and answer questions that follow.



(a) List down the elements of R.

(1 mark)

$R = \{\dots\dots\dots\}$

(b) List the members of set S.

(1 mark)

- (c) Find $S = \{\dots\dots\dots\}$ (1 mark each)
(i) $R \cap S$

(ii) $R \cup S$

(iii) $n(R \cap S)$

23. Study the magic square below and answer questions that follow.

x	1	6
3	5	y
4	z	2

(a) Find the magic sum. (1 mark)

(b) Find the value of; (1 mark each)

(i) x

(ii) y

(iii) z

24. Find the missing numbers.

(a) $\square + 6 = 9$ (1 mark each)

(b) $\square - 7 = 13$

(c) $32 \div \square = 8$

(d) $7 \times \square = 35$

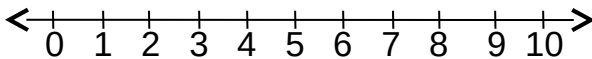
25 (a) Kakeeto ate $\frac{1}{4}$ of a cake. What fraction remained? (2 marks)

(b) Work out: $\frac{7}{8} - \frac{5}{8}$ (1 mark)

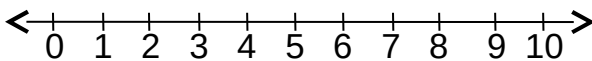
(c) How many $\frac{1}{2}$ litre cups of water will fill a 5 litre bucket? (2 marks)

26. Use a number line to work out the following. (2 marks each)

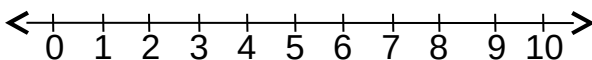
(a) $6 + 3 =$



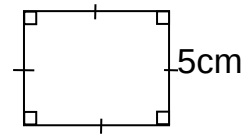
(b) $8 - 4 =$



(c) $3 \times 2 =$



27. Use the figure below to answer the questions.



- (a) Name the figure above. (1 mark)
 (b) Calculate its area. (2 marks)

(c) Find its perimeter. (2 marks)

28. Complete the table below. (1 mark each)

Weeks	1	2	_____	_____	3
Days	7	_____	28	35	_____

29. Use the price list below to answer the questions that follow.

ITEM	PRICE
A bar of soap	Shs. 1800
A kg of beans	Shs. 2000
A packet of salt	Shs. 1000
A litre of milk	Shs. 2000

(a) Find the total cost of 2 packets of salt. (2 marks)

(iv) IV _____ VI

(b) How much will Peter pay for 3 litres of milk? (2 marks)

(v) 3×10 _____ 10×3

(c) Find the total cost of all the items. (2 marks)

31. Shamsa is 16 years old. Her sister Aisha is 4 years younger than her.

(a) Find Aisha's age. (2 marks)

30. Use $>$, $<$ or $=$ to complete the statements. (1 mark each)

(i) $1 + 2$ _____ $3 + 0$

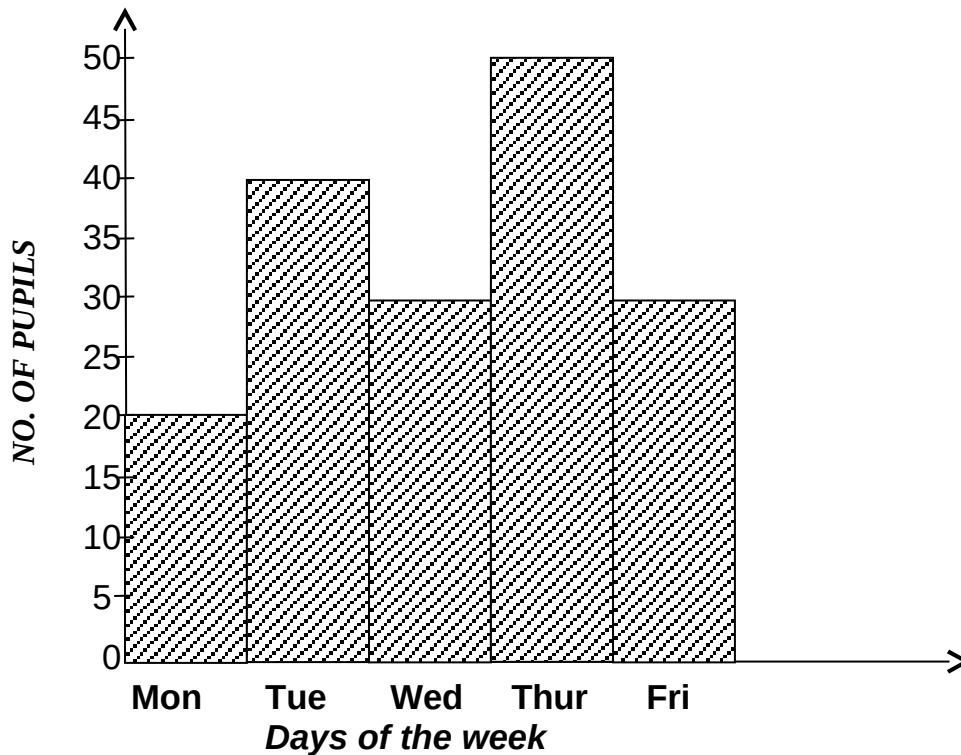
(b) What is their total age? (2 marks)

(ii) 107 _____ 170

(iii) $\frac{1}{2}$ _____ $\frac{1}{4}$

(c) Find Aisha's age after 10 years. (2 marks)

32. The graph below shows the attendance of P.4 pupils for a week. Study it carefully and answer questions that follow.



- (a) How many pupils attended school on Thursday? (1 mark)
- (b) On which two days was the attendance the same? (2 marks)
- (c) On which day was the attendance the highest? (1 mark)

(d) How many pupils attended school on Monday, Wednesday and Friday?

(2 marks)

Good Luck