

THE SIPRO END OF TERM I EXAMINATION 2022

SUBJECT : MATHEMATICS

CLASS : PRIMARY FIVE

DURATION : 2 hours 30 minutes

Name : _____

School : _____

District : _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **20** questions (**40 Marks**).
3. Section **B** has **12** questions (**60 Marks**).
4. Attempt all questions in both sections. All answers to both sections **A** and **B**. must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in **pencil**.
6. Unnecessary **alteration** of work will 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;

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

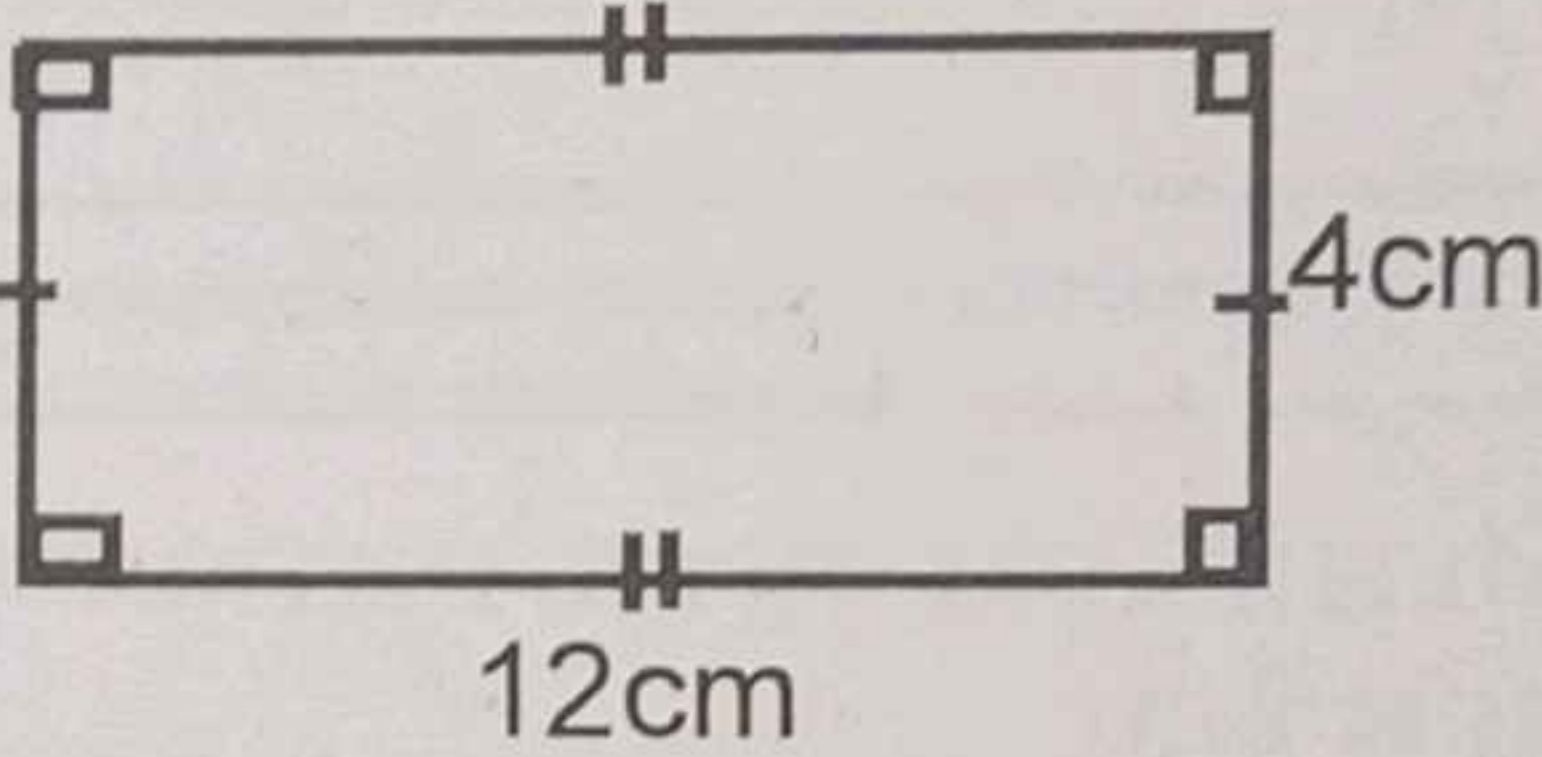
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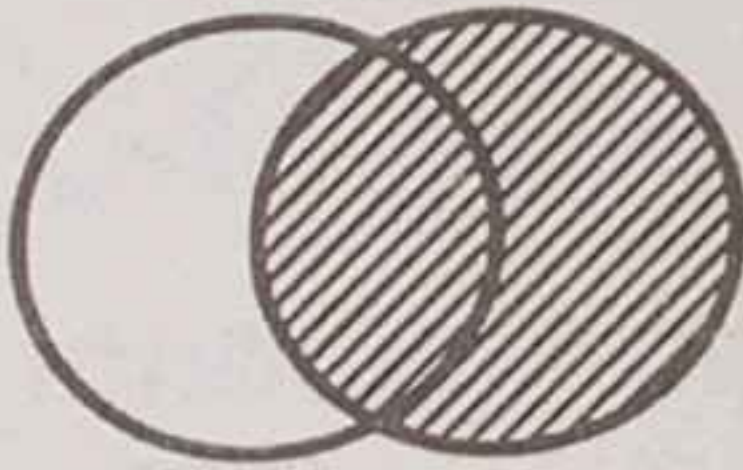
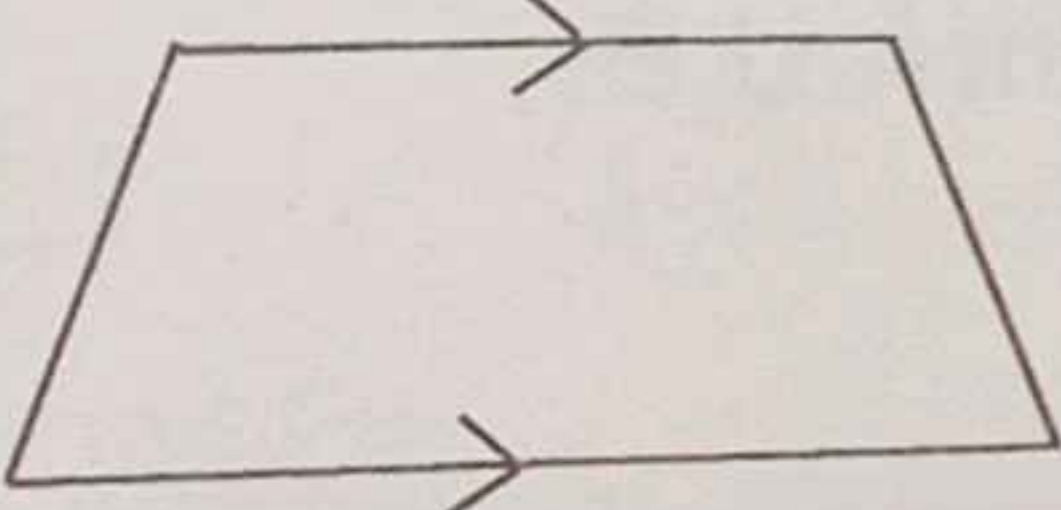

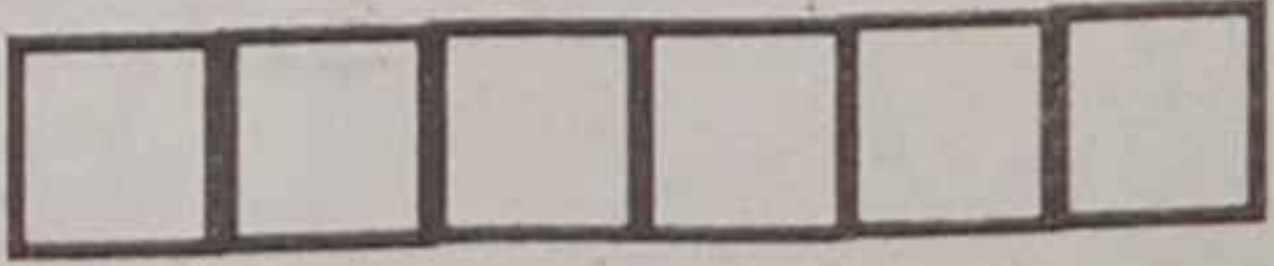
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SECTION: 40 MARKS*Attempt all questions in this section*Questions 1 to 20 carry **two** marks each

1.	Work out: $\begin{array}{r} 54 \\ +42 \\ \hline \\ \hline \end{array}$	2.	Express 49 in Roman Numerals.										
3.	Given sets: $A = \{a, e, i, o, u\}$ $B = \{a, b, c, d, e\}$ Find $A \cap B$.	4.	Draw tallies to represent 18 .										
5.	Alex bought 6 geometry sets at sh. 2500 each . How much money did he pay?	6.	The figure below is a rectangle. Calculate its area . 										
7.	Work out: $\frac{10}{13} - \frac{5}{13}$	8.	Find the next number in the sequence: 7, 12, 18, 25, _____										
9.	Work out: <table><tr><th>Hours</th><th>Mins</th></tr><tr><td>4</td><td>35</td></tr><tr><td>+ 2</td><td>40</td></tr><tr><td colspan="2"><hr/></td></tr><tr><td colspan="2"><hr/></td></tr></table>	Hours	Mins	4	35	+ 2	40	<hr/>		<hr/>		10.	Using a pair of compasses, pencil and a ruler only, construct a circle of 3cm in the space below.
Hours	Mins												
4	35												
+ 2	40												
<hr/>													
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11.	Solve for K: $K + 6 = 14$	12.	Calculate the average for; 12, 18 and 15.
13.	Divide: $3 \overline{)162}$	14.	Describe the shaded part. <div style="text-align: center;"> M W  </div>
15.	Convert 4kg into grammes .	16.	Name the shape below. 
17.	What time is shown on the clock face? 	18.	What integer represents 4 steps forwards?
19.	What number has been expanded ? $8000 + 500 + 6$	20.	Shade $\frac{1}{3}$ of the diagram below. 



SECTION B: 60 MARKS

Attempt **all** questions in this section.

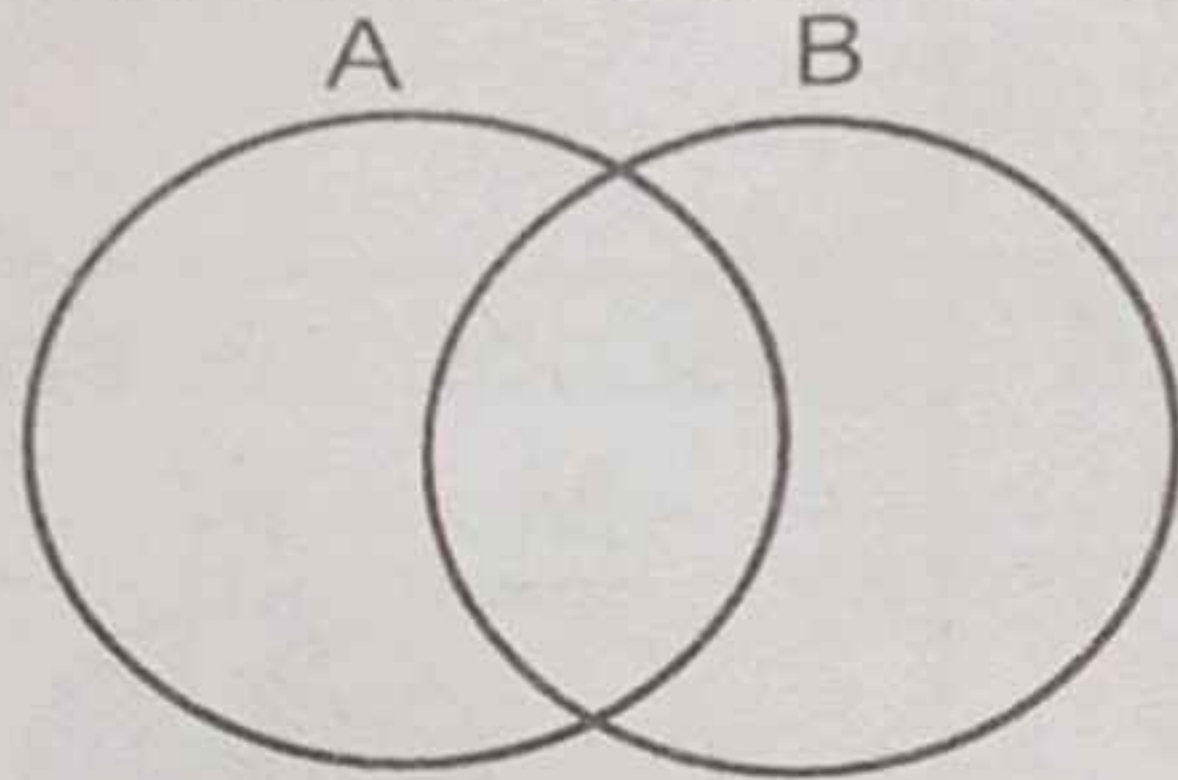
Marks for **each part** of the question are **indicated** in the brackets

21.

Given: Set A = {1, 2, 5, 7}

Set B = {2, 3, 6, 7, 8}

- a) Represent the **information** on the venn diagram.



(03Marks)

- b) List down **elements** of **B - A**.

(02Marks)

- c) Find $n(A \cup B)$.

(02Marks)

- 22 a(i) What is the **place value** of 3 in the numeral 83647?

(1Mark)

- ii) Write the above numeral in **words**.

(02Marks)

- b) **Round off** 467 to the nearest tens.

(02Marks)

23

John went to the shop and bought the item prices as follows:
1kg of sugar sh 3000
A bar of soap at sh. 4000
A tin of cow boy at sh. 5500

a) How much did he pay for 2 bars of soap?

(02Marks)

b) If John bought **all** the **items**, how much did he **pay**?

(02Marks)

24.

Work out:

wks	days
4	6
+ 2	5
<hr/>	
<hr/>	

(02Marks)

wks	days
5	20
- 1	30
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(02Marks)

25. a) Find the **missing** value.

i) $\square + 2 = 6$

(02Marks)

ii) $\square \times 5 = 20$

(02Marks)



- b) John bought x eggs. **8 eggs** broke on the way; if he remained with **12 eggs**, How many eggs did he buy?

(02Marks)

- 26 a) Ndombele had **1865kg** of beans in his store. He sold off **1027kg**. How many kilogrammes of beans was he **left** with?

(02Marks)

- b) Convert **2metres** into **centimetres**.

(02Marks)

27 **Add:**

a)

$$\begin{array}{r} 2 \quad 1 \text{ five} \\ + 2 \quad 4 \text{ five} \\ \hline \end{array}$$

(02Marks)

b) **Subtract:**

$$\begin{array}{r} 4 \quad 3 \text{ five} \\ + 1 \quad 4 \text{ five} \\ \hline \end{array}$$

(02 Marks)

c) Express 12_{five} into base ten.

(02Marks)



28 a) What **name** is given to the **third** month of the year?

(01 Mark)

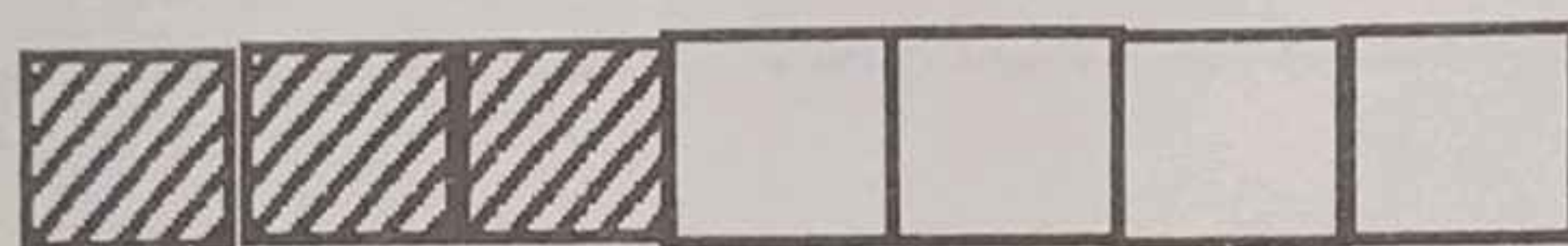
b) Which month comes **before** October?

(01 Mark)

c) Work out the **total** number of days in the last **three** months in the year.

(02Marks)

29.	In the diagram below, what fraction is not shaded?
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(01 Mark)

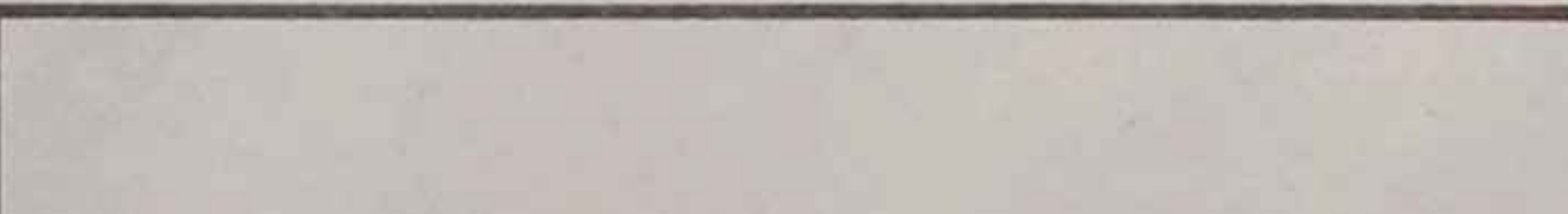
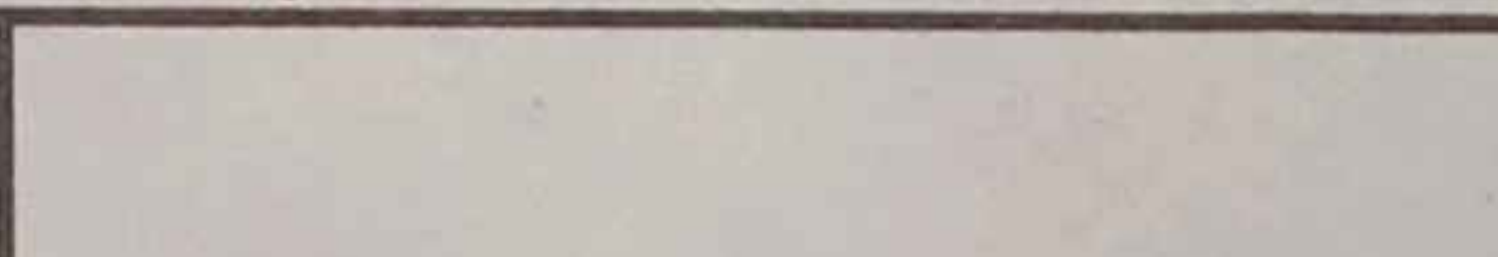
i)	Express $2\frac{1}{3}$ as an improper fraction
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(02marks)

ii)	Convert $\frac{17}{5}$ in a mixed number.
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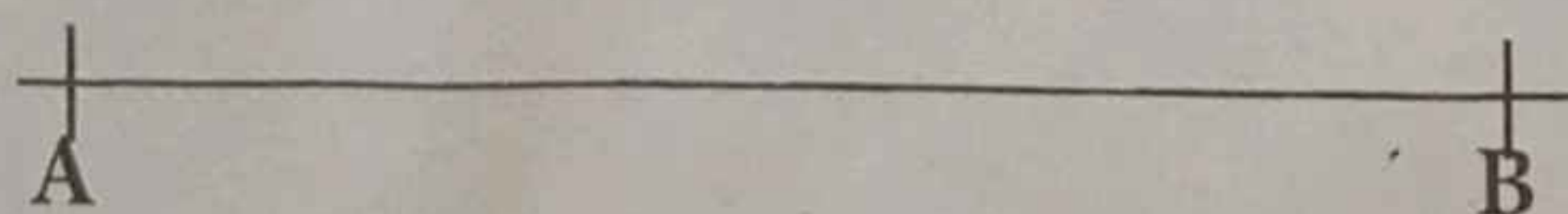
(02Marks)

30. a)	Draw the following shapes in the space provided below.
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semi-circle	square

(04marks)

b) Measure the line segment **AB** below.



(01mark)

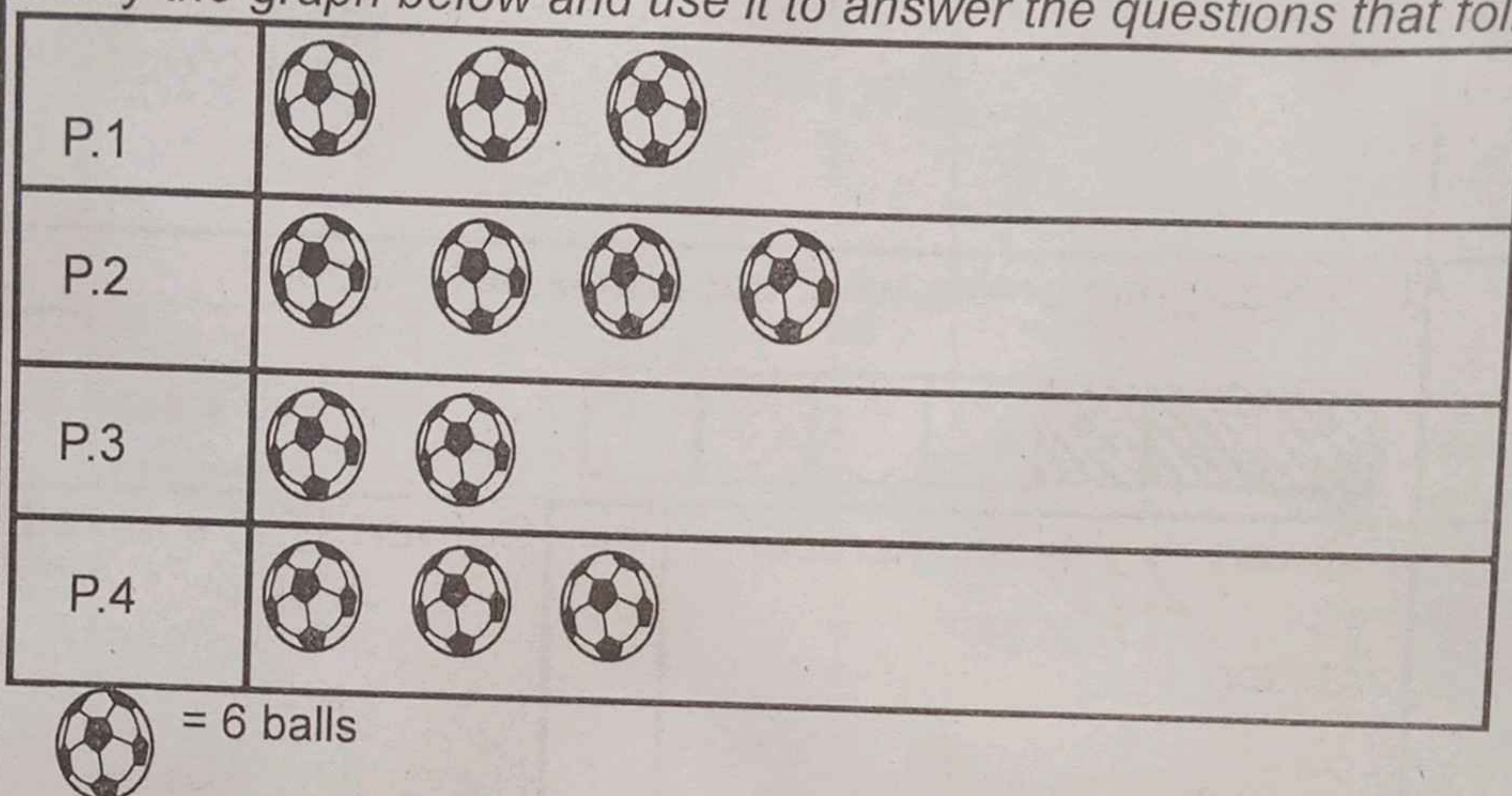
31. a) Find the Lowest Common Multiple of 4 and 3.

(02marks)

b) Find the Greatest Common Factor of 16 and 12.

(02marks)

32. Study the graph below and use it to answer the questions that follow.



a) How many balls belong to Primary One?

(02Marks)

b) Which class had the **least** number of balls?

(01Mark)

c) Which class had the **highest** number of balls?

(01Mark)

d) Work out the **total number** of balls that all the classes had.

(02Marks)

