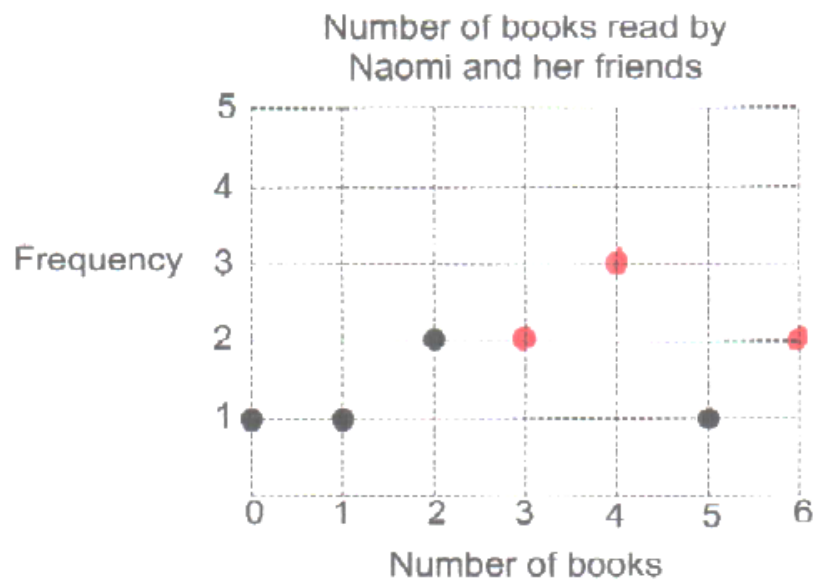


Statistical Methods – 2024 Checkpoint Primary Math**1. 2024/Paper 1_stage 5/No.7**

Naomi and her friends record the number of books they read in a month.
Here is their data.

3 ↓ 4 2 5 0 1 6 ↓ 4 3 6 ↓ 4 2

Some of their data is recorded on a dot plot.



Complete the dot plot.

[1]

2. 2024/Paper 1_stage 5/No.11

Samira wants to know if more people like cheese flavour chips than plain flavour chips.
She plans to ask only **one** question.

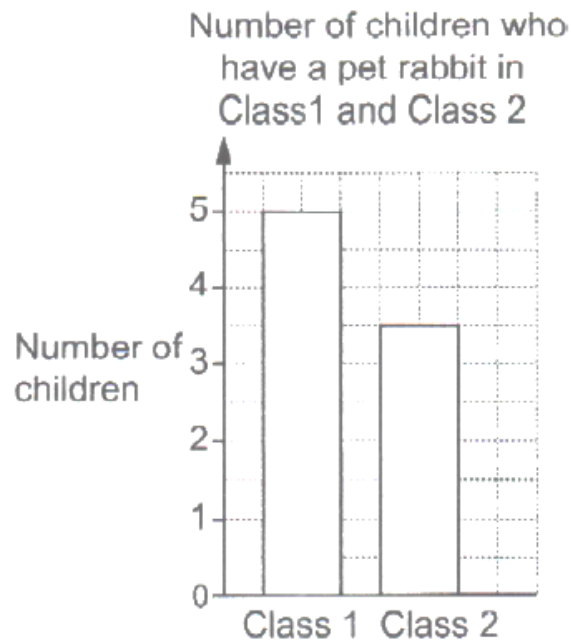
Tick (✓) the question Samira should ask.

Do you like chips?	
What is your favourite flavour of chips?	
Do you like cheese flavour chips?	
Do you prefer cheese or plain flavour chips?	✓
Do you like plain flavour chips?	

[1]

3. 2024/Paper 1_stage 5/No.14

Hassan wants to know the number of children in two classes who have a pet rabbit. He collects data and shows it on this bar chart.



Hassan has made a mistake on the bar chart.

Explain his mistake.

The number of children cannot be 3 and a half, so Hassan has read the vertical scale incorrectly. [1]

4. 2024/Paper 2_stage 5/No.7

Complete the table of equivalent values.

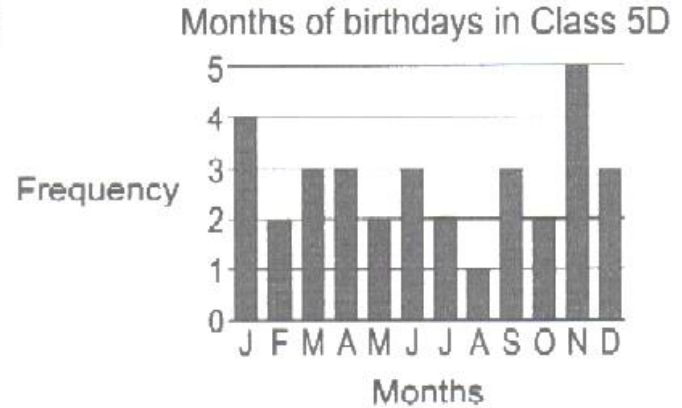
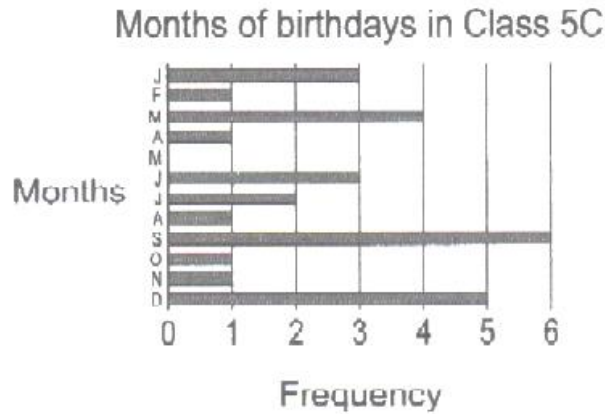
Fraction	Percentage (%)	Decimal
$\frac{1}{2}$	$\frac{1}{2} \times \frac{50}{100} = 50$	0.5
$\frac{36}{100} = \frac{3}{10}$	30	0.3
$\frac{7}{10}$	$\frac{7}{10} \times 100 = 70$	0.7

[2]

5. 2024/Paper 2_stage 5/No.12

Mia wants to know in which months people have their birthday.
Mia collects data from the children in Class 5C and Class 5D.

She shows the results in two bar charts.



- (a) Write the **total** number of children in the two classes who have a birthday in November (N).

Number of children in class 5C = 1

Number of children in class 5D = 5 6 [1]

Total = 1 + 5 = 6

- (b) Write a month where a **total** of 3 children in the two classes have a birthday.

Total of 3 = 1 + 2 or 2 + 1 February or October [1]

February or October

6. 2024/Paper 2_stage 5/No.13

Rajiv wants to know the number of hops each child in Class 5 can complete in 1 minute.

Here is his data.

Number of hops	Tally marks
0-9	
10-19	
20-29	

Rajiv says, 'I can improve the way I record my data'.

Write one way that Rajiv could improve the way he records his data.

He should use smaller groups

[1]

7. 2024/Paper 2_stage 5/No.32

The teacher asks Class 5 to choose their favourite colour.
Here is a frequency table which shows this information.

Favourite colour	Frequency
red	4
yellow	2
green	8
blue	6

Tick (✓) the Carroll diagram that shows the same information as the frequency table.

	Red	Not red	
Green	0	8	☐
Not green	4	6	

	Yellow	Not yellow	
Red	0	4	☐
Not red	6	2	

	Blue	Not blue	
Yellow	0	2	☒
Not yellow	6	12	

	Green	Not green	
Blue	0	8	☐
Not blue	6	6	

[1]