

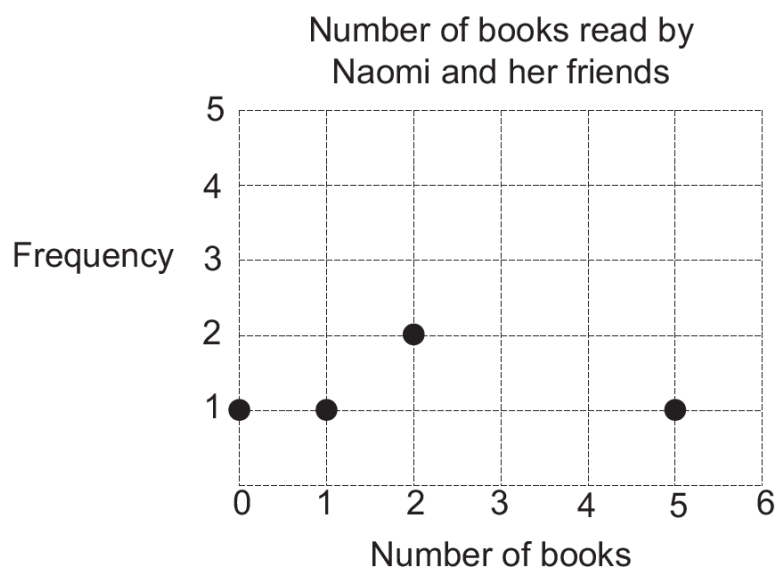
Statistical Methods – Checkpoint Primary Math

1.

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.

Samira wants to know if more people like cheese flavour chips than plain flavour chips.

She plans to ask only **one** question.

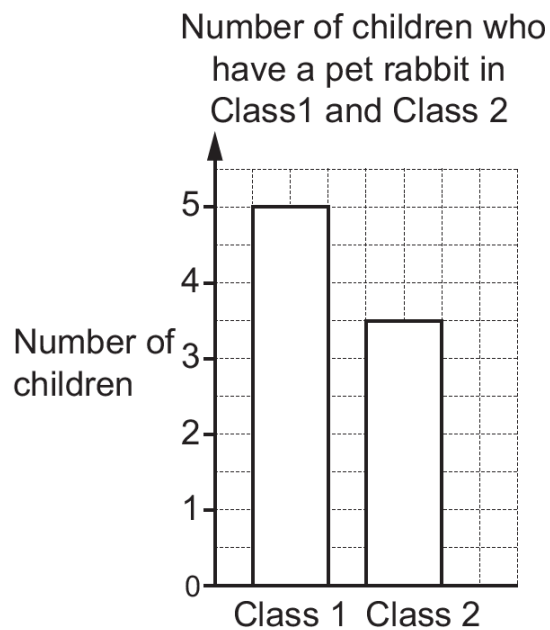
Tick (✓) the question Samira should ask.

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.

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.

.....

..... [1]

4.

Jamila and her friends record the number of people they see on the way to school.
Here is their data.

8

3

6

5

3

Write the correct number to complete each statement.

The median of the number of people is

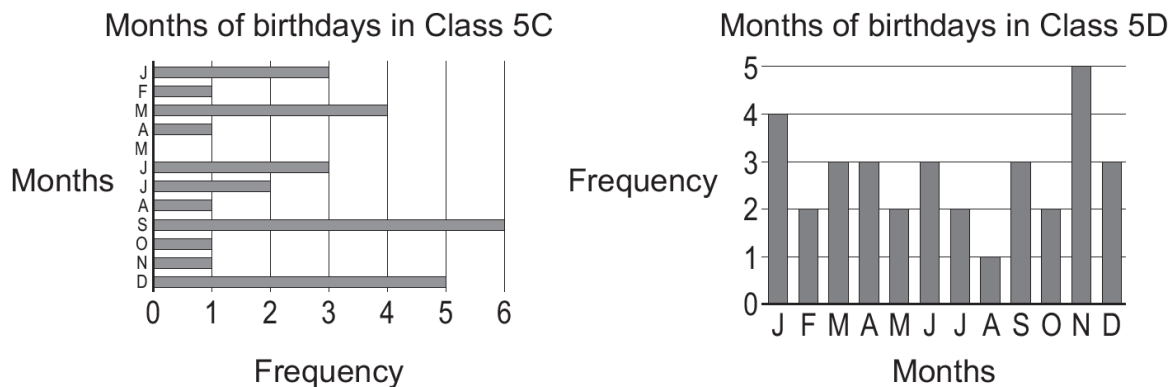
The mode of the number of people is

[2]

5.

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).

..... [1]

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

..... [1]

6.

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.

.....
 [1]

7.

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]