

Statistical Methods – 2025 Checkpoint Primary Math

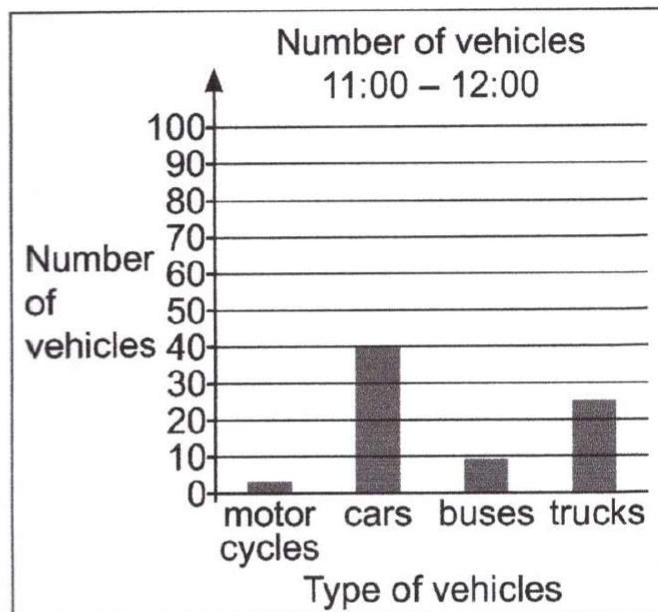
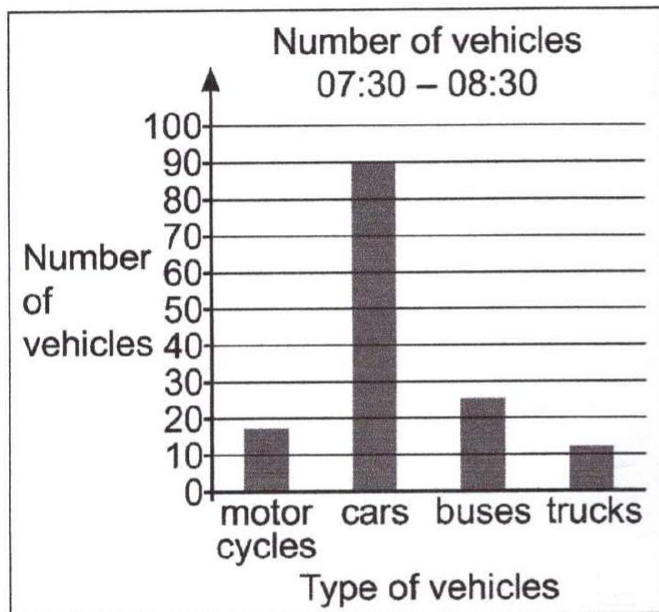
1. 1/No.19

- The children in Class 4 count the vehicles passing their school.

They count the vehicles between 07:30 and 08:30

They also count the vehicles between 11:00 and 12:00

The bar charts show their results.



- (a) Write how many more buses pass their school between 07:30 and 08:30 than between 11:00 and 12:00

$$\begin{array}{l}
 \text{Buses} = 25 \text{ (7:30-8:30)} \\
 \text{Buses} = 9 \text{ (11:00-12:00)}
 \end{array}
 \left| \begin{array}{l}
 \text{More} = 25 - 9 \\
 = 16
 \end{array} \right.
 \begin{array}{l}
 16 \\
 \hline
 \end{array}
 \quad [1]$$

- (b) Suggest a reason why there were more cars passing their school between 07:30 and 08:30 than between 11:00 and 12:00

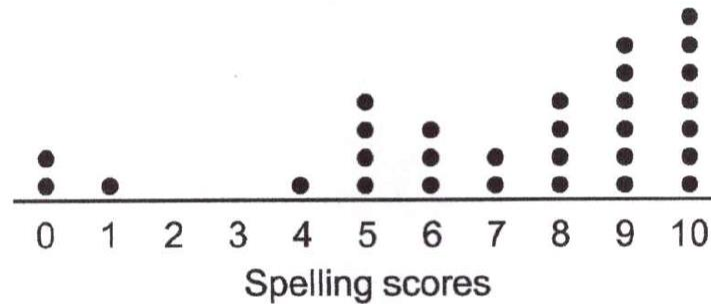
Children were likely going to school
and people were going to work. [1]

2. 1/No.21

Here is a dot plot.

The dot plot shows the scores from a spelling test.

Spelling test scores in Class Four

(a) Work out the number of children who scored **5 or lower** in the test.

$$\begin{aligned} \text{5 or lower} &= 2 + 1 + 0 + 0 + 1 + 4 \\ &= 8 \end{aligned}$$

8 [1]

(b) Write the correct number in the box to complete the sentence.

The **same** number of children scored 0 and 7 in the test.

$$\left. \begin{array}{l} \text{Score } 0 = 2 \\ \text{Score } 7 = 2 \end{array} \right\} \text{The scores are same.}$$

[1]

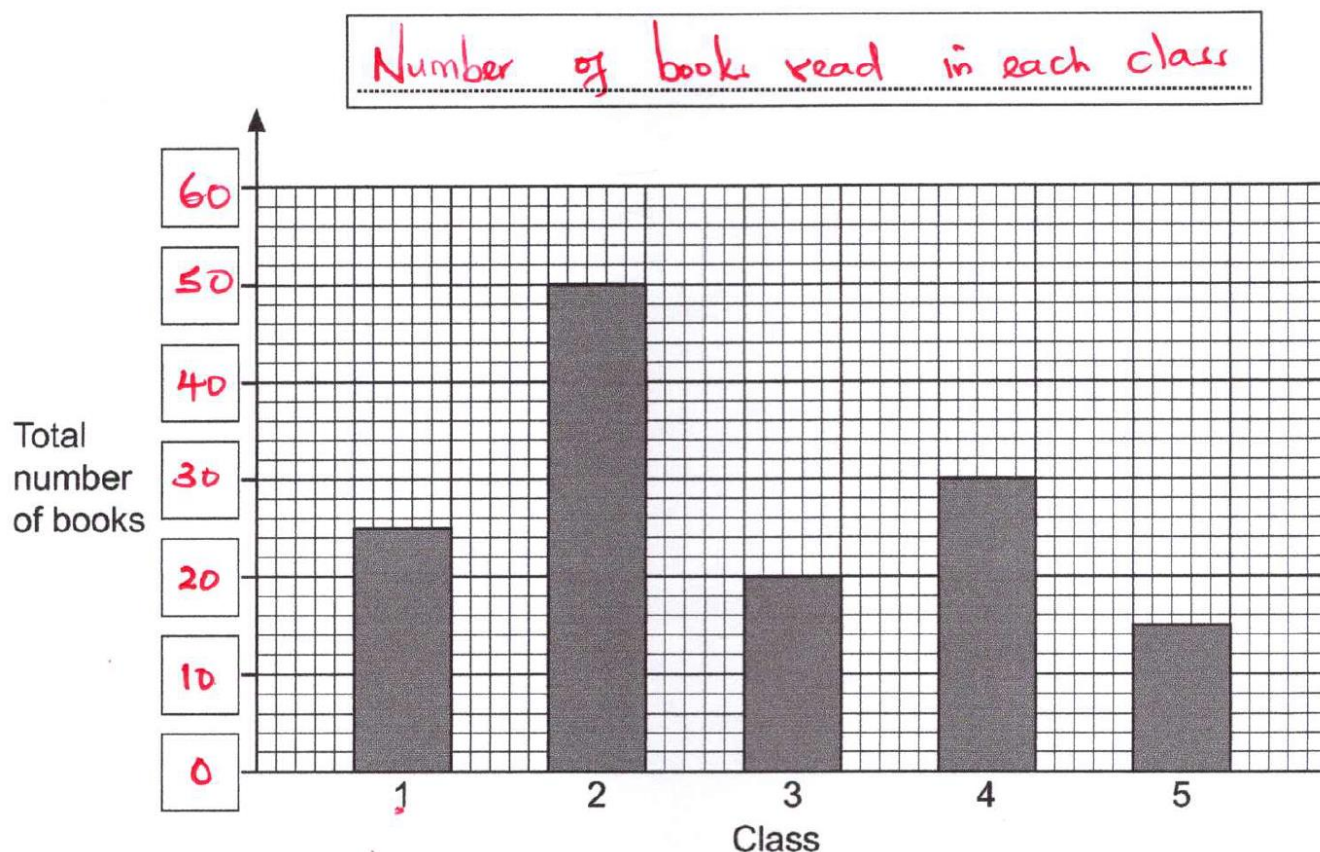
3. 2/No.14

Pierre collects information about the total number of books the children in each class read.

He makes a table of this information.

Class	Total number of books
1	25
2	50
3	20
4	30
5	15

Pierre starts to draw a bar chart using this information.



Complete the bar chart by

- writing numbers in the boxes to show the scale on the vertical axis
- writing a title for the bar chart in the box.

[2]

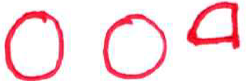
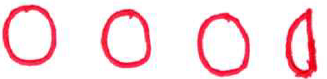
4. 2/No.17

Classes of children in a school are given points for being kind.
Here is a frequency table showing the total number of points for each class.

Class	Total points
A	12
B	9
C	14

Mike shows the information for Class A in a pictogram.

Pictogram showing the total points for being kind

Class A		Key:  = 4 points
Class B		
Class C		

Complete the pictogram to show the information for Class B and Class C.

[1]