

Statistical Methods – Checkpoint Primary Math

1.

Class 3 collect data about their favourite sports.
Here is a pictogram to show their results.

Pictogram to show the favourite sports of Class 3	
Judo	
Running	
Swimming	
Tennis	

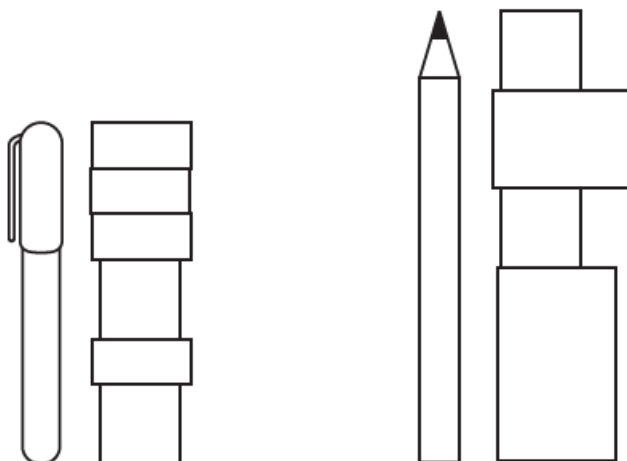
Key:  = 2 children

Write the number of children shown in the pictogram.

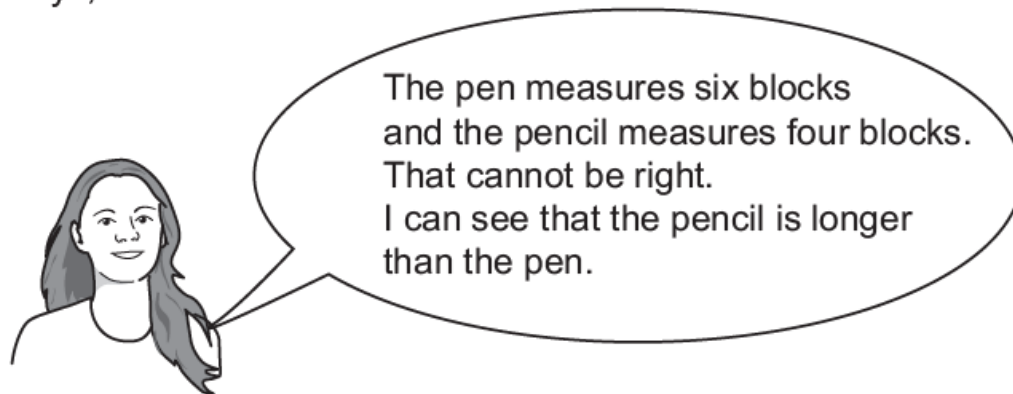
..... children [1]

2.

Samira uses blocks to measure her pen and pencil.



Samira says,



Explain how Samira could improve her method to give the correct answer.

.....

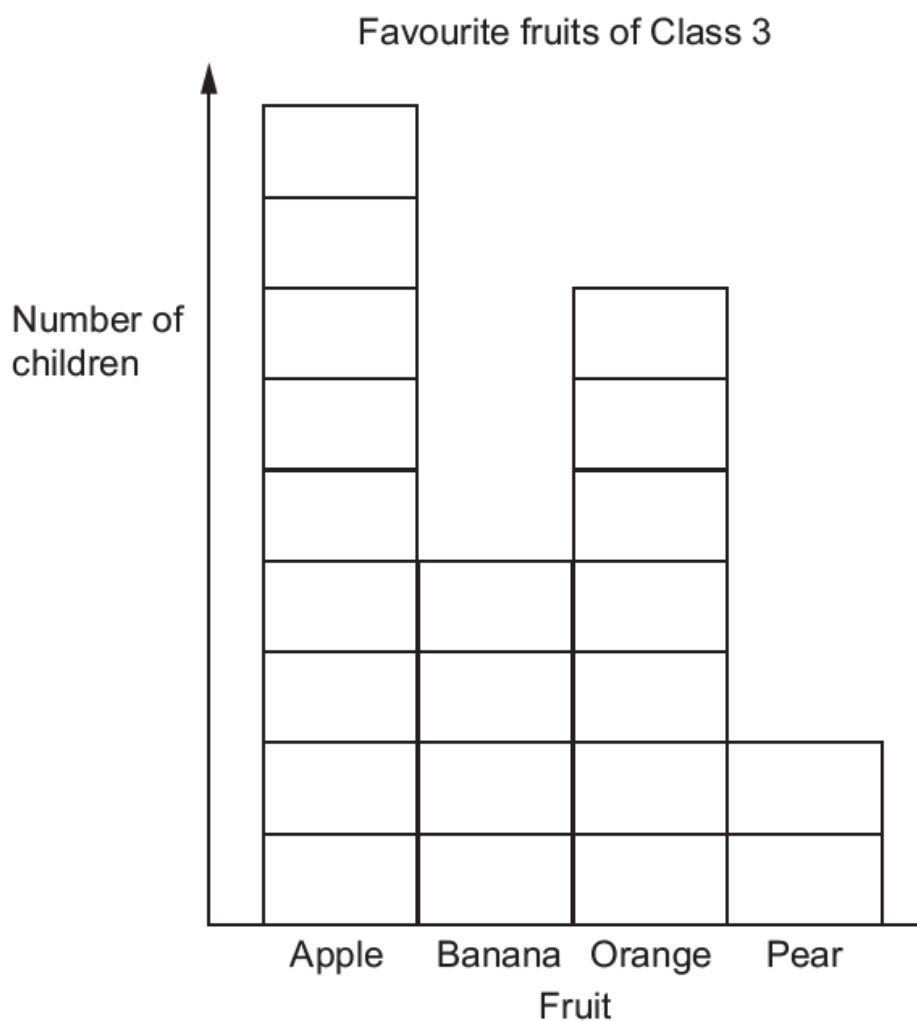
..... [1]

3.

Class 3 collect data about their favourite fruit.
Here is a tally chart of their data.

Fruit	Tally
Apple	
Banana	
Orange	
Pear	

Jamila draws a block graph to show the data.



Lily says, 'The graph does not show **all** of the data.'

Write **one** reason why Lily is correct.

[1]

4.

Chen answers some questions about his book.

How many pages are in the book?

What is the name of the book?

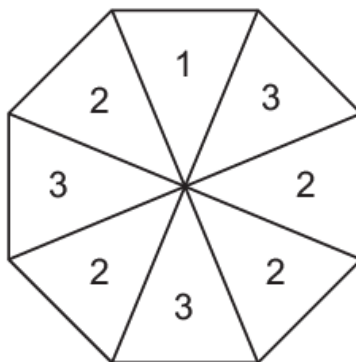
What length are the words in the book?

Tick (✓) **all** the questions Chen can answer without conducting an investigation.

[1]

5.

Yuri uses this spinner to conduct an experiment.



Tick (✓) to show which of his results **might be true**.
One has been done for you.

Results	Might be true
The spinner landed on a 3	✓
The spinner did not land on a 1	
The spinner landed on a number less than 2	
The spinner landed on a 5	

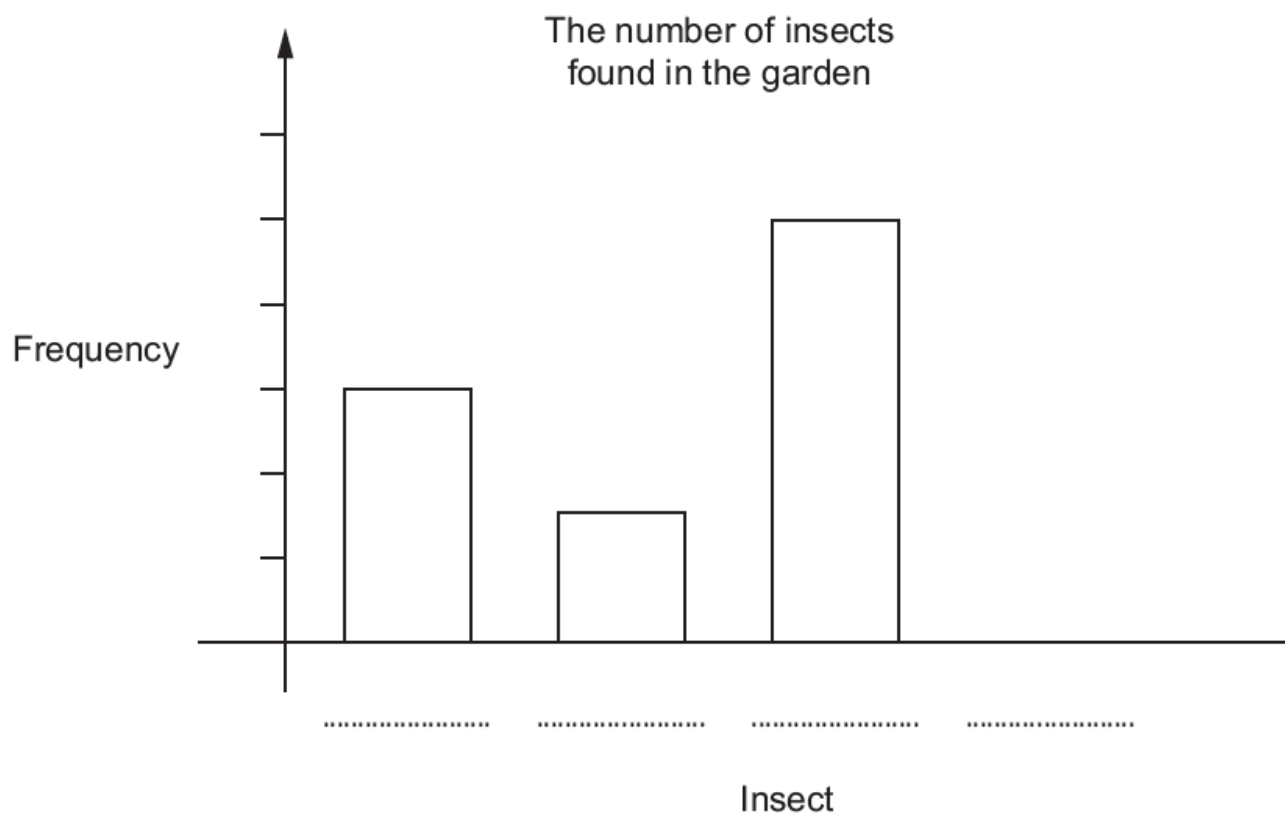
[1]

6.

Pierre counts the number of insects he finds in his garden.
This frequency table shows his results.

Insects	Tally	Frequency
Ant		6
Beetle		3
Fly		10
Moth		7

Use his frequency table to complete the bar chart and label both axes.



[2]