Transport Statistics

I can interpret and present discrete data using pictograms and bar charts.

Here is a table of data that shows the number of different vehicles that passed by a school over half an hour.

Type of Vehicle	Car	Bus	Bicycle	Van	Other
Number That Passed By	12	4	5	7	6

Draw a pictogram to show the data:

A pictogram to show _____

Key: ☐ =

1) What type of data is the number of vehicles?

_____

2) How many more vans passed by than buses?

_____

3) How many bicycles and vans passed by in total?

_____

4) How many other types of vehicle passed by?

_____

5) How many vehicles passed by altogether over the half an hour?

_____

Transport Statistics **Answers**

Question	Answer
	Draw a pictogram to show the data: **Pictogram will depend on the scale chosen.**
	A pictogram to show ***the number of different vehicles that passed by a school over half an hour.***
1.	What type of data is the number of vehicles?
	Discrete
2.	How many more vans passed by than buses?
	3
3.	How many bicycles and vans passed by in total?
	12
4.	How many other types of vehicle passed by?
	6
5.	How many vehicles passed by altogether over the half an hour?
	34

Transport Statistics

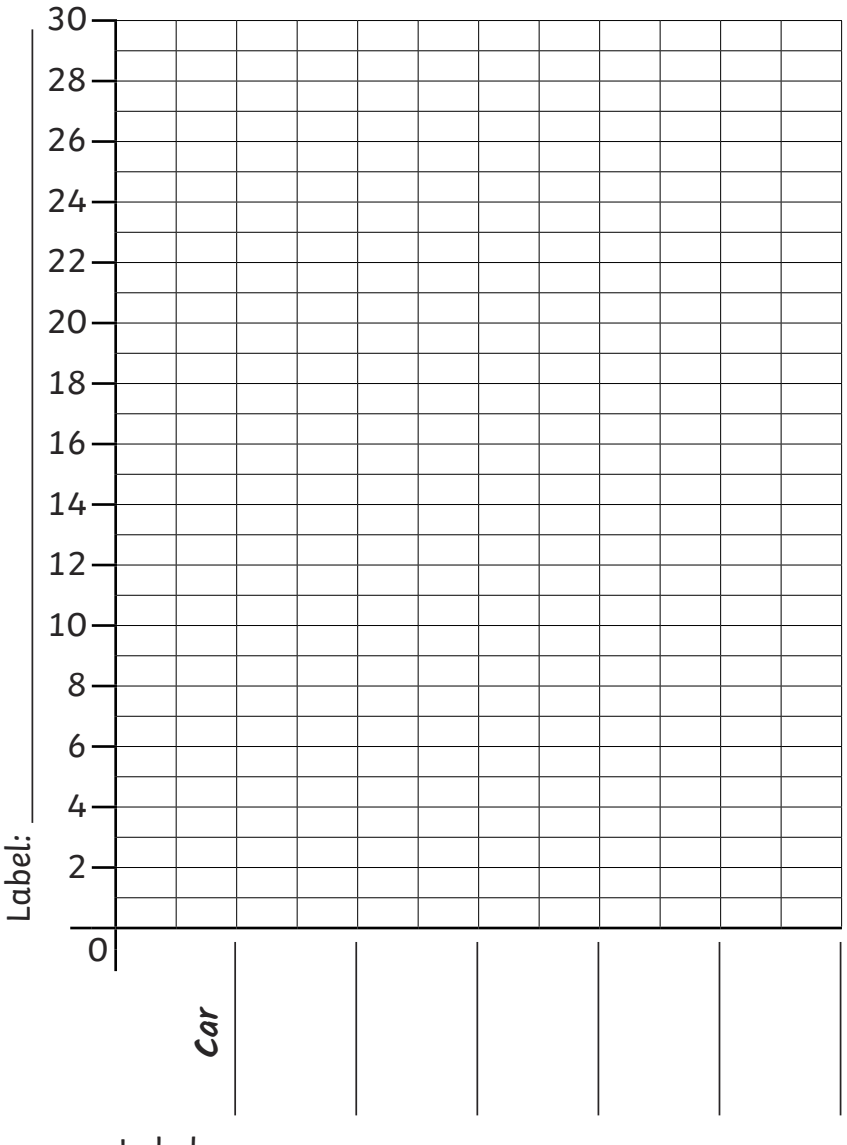
I can interpret and present discrete data using pictograms and bar charts.

Here is a table of data that shows the number of different vehicles that passed by a school over an hour.

Type of Vehicle	Car	Bus	Bicycle	Van	Motorbike	Other
Number That Passed By	23	10	9	12	5	17

Draw a bar chart to show the data:

A bar chart to show _____



Label: _____

1) What type of data is the number of vehicles?

_____

2) How many more cars passed by than buses?

_____

3) How many bicycles, vans and motorbikes passed by in total?

_____

4) How many more buses and bicycles passed by than vans?

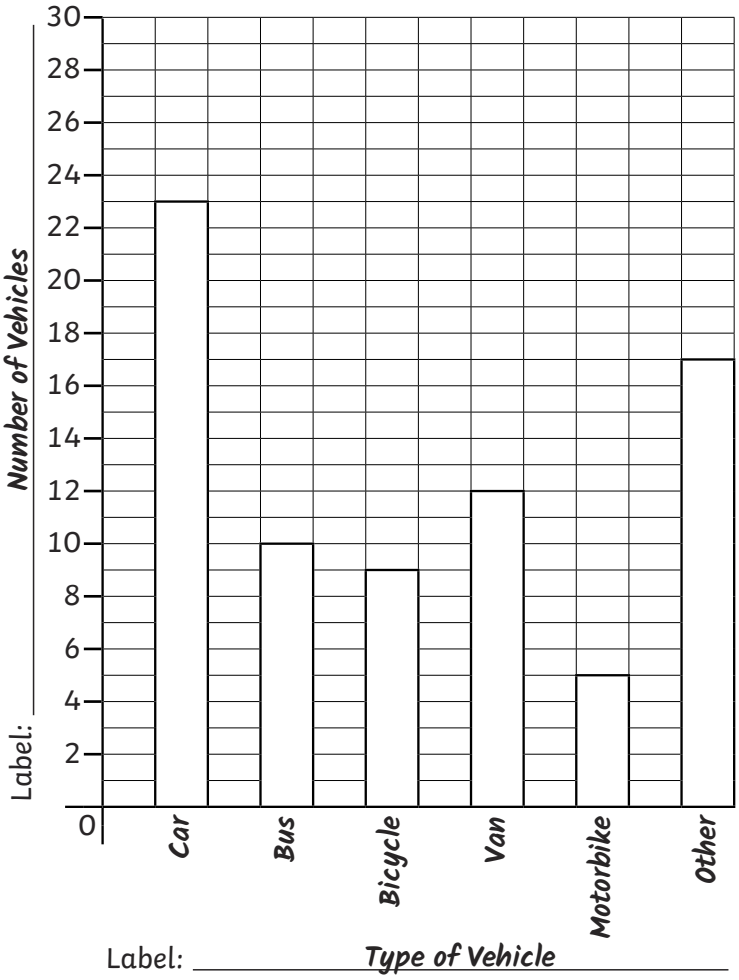
_____

5) How many vehicles passed by altogether over the hour ?

_____

Transport Statistics **Answers**

Question	Answer
	Draw a bar chart to show the data:
	A bar chart to show ***the number of different vehicles that passed by a school over an hour.***



1. What type of data is the number of vehicles?	
	Discrete
2. How many more cars passed by than buses?	
	13

3. How many bicycles, vans and motorbikes passed by in total?	
	26
4. How many more buses and bicycles passed by than vans?	
	7
5. How many vehicles passed by altogether over the hour?	
	76

Transport Statistics

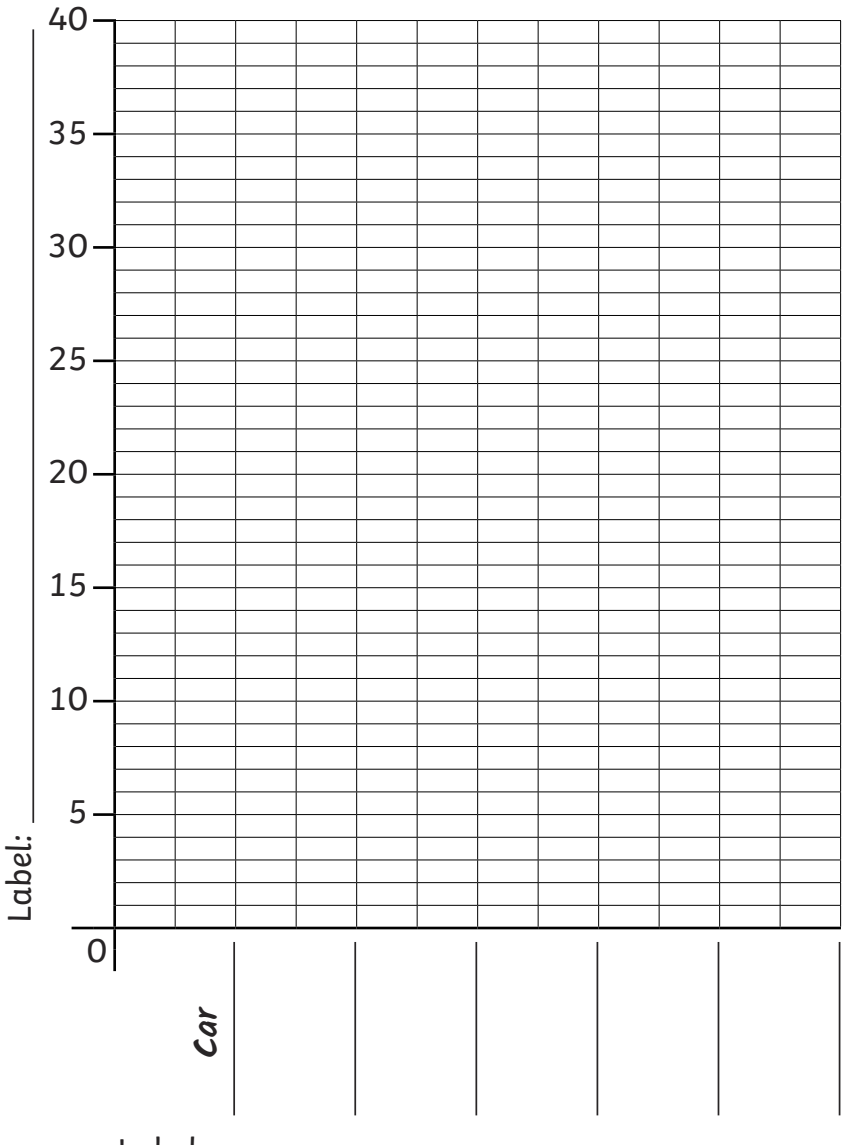
I can interpret and present discrete data using pictograms and bar charts.

Here is a table of data that shows the number of different vehicles that passed by a school over an hour and a half.

Type of Vehicle	Car	Bus	Bicycle	Van	Motorbike	Other
Number That Passed By	37	18	12	25	6	23

Draw a bar chart to show the data:

A bar chart to show _____



1) How many more cars passed by than buses?

_____

2) How many more vans passed by than buses?

_____

3) How many bicycles, vans and motorbikes passed by in total?

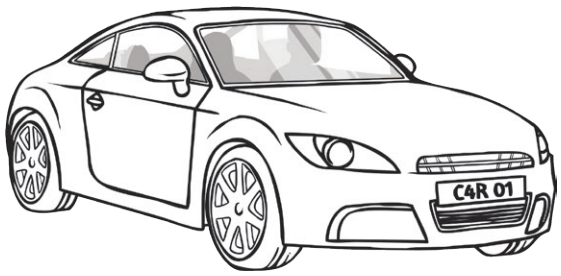
_____

4) How many more buses and bicycles passed by than vans?

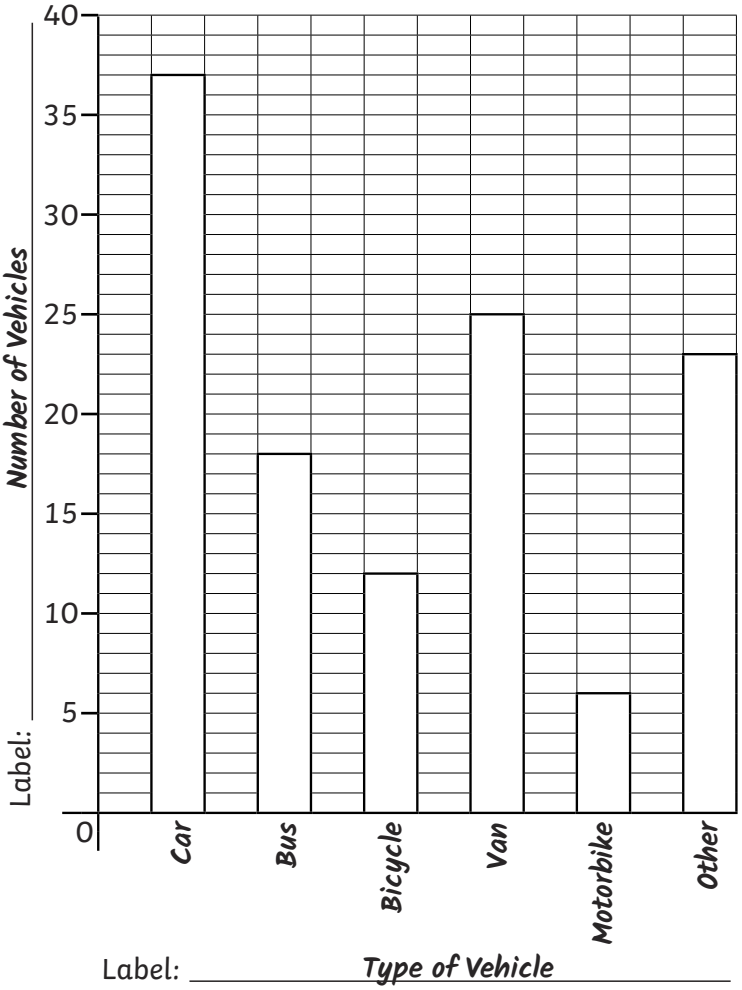
_____

5) How many vehicles passed by altogether over the hour and a half?

_____



Transport Statistics **Answers**

Question	Answer
	Draw a bar chart to show the data:
	A bar chart to show ***the number of different vehicles that passed by a school over an hour and a half.*** 

1. How many more cars passed by than buses?	
	19
2. How many more vans passed by than buses?	
	7
3. How many bicycles, vans and motorbikes passed by in total?	
	43
4. How many more buses and bicycles passed by than vans?	
	5
5. How many vehicles passed by altogether over the hour and a half?	
	121