

L.O To be able to present and interpret data on a Carroll diagram

Steps to Success

- To understand what data is
- To understand how data is presented in a Carroll diagram
 - To be able to sort data onto a Carroll diagram





A Carroll diagram is another way to sort and display data.

Here is what one looks like!

Reset

Carroll diagram

Odd numbers

Even numbers

Less than 10

1
3
5 7 9

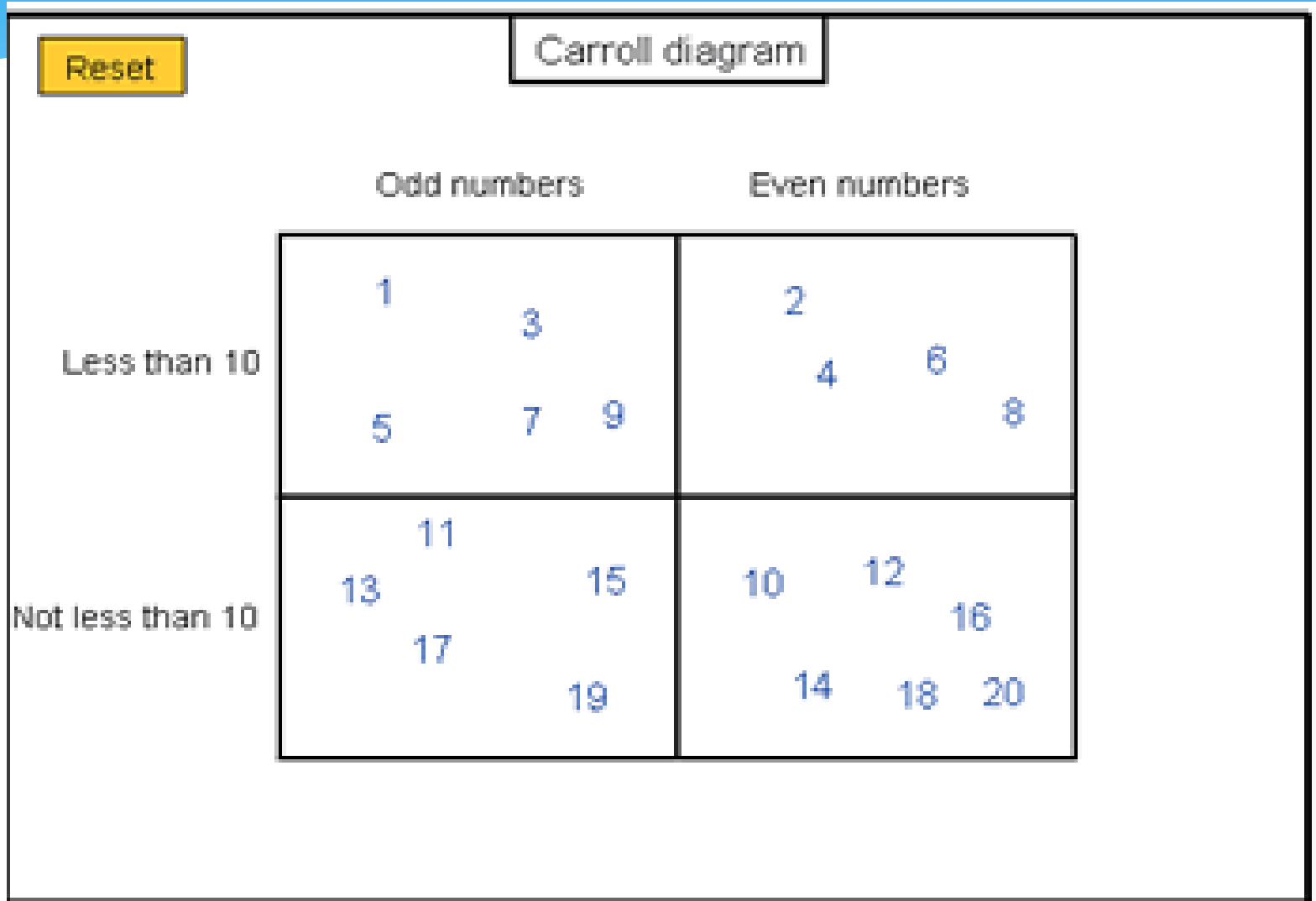
2
4 6
8

Not less than 10

11
13 15
17
19

10 12
16
14 18 20

It has 4 grouping boxes- odd numbers less than 10, odd number not less than 10, even numbers less than ten and even numbers not less than ten.



I'd like you to survey your friends and family and complete the following Carroll diagram...

	Speaks some Spanish	Speaks some French
Learnt it at school		
Learnt it after school		

Here is my example from my family...

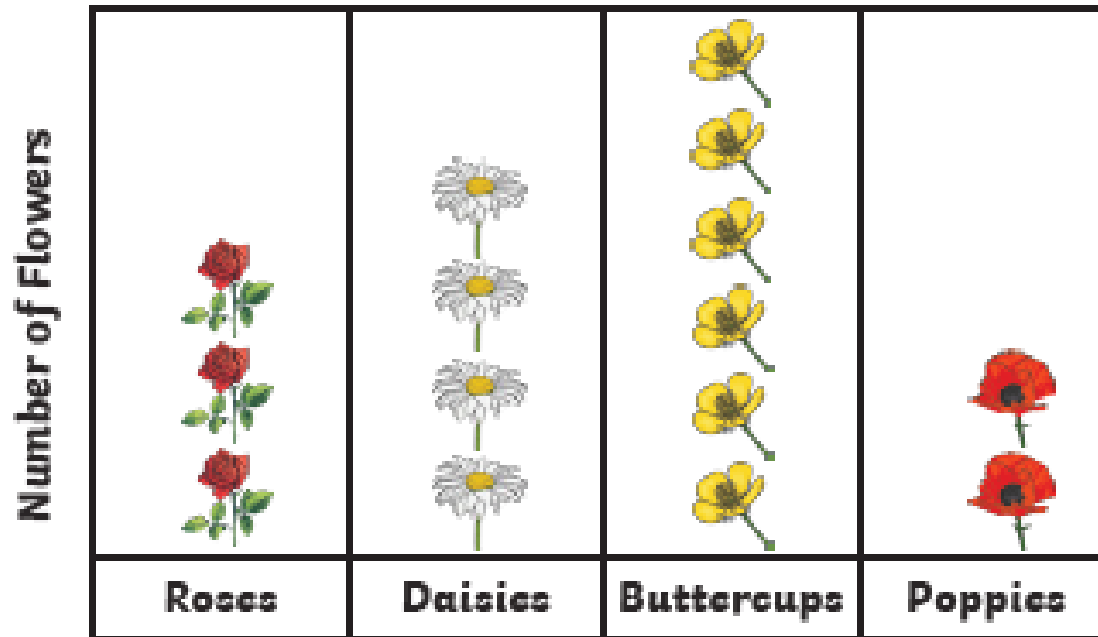
	Speaks some Spanish	Speaks some French
Learnt it at school	Nicey Graham Lolly	Miss Hall Mum Dad
Learnt it after school	Bro Janet	Bro Laura

Notice you may have the same person in more than one box!

Now try these general data handling questions to see what you've learnt this week...

Data Handling Challenge 3

What type of chart is this?



What do you think it shows us?

What is missing?

What type of chart is this?

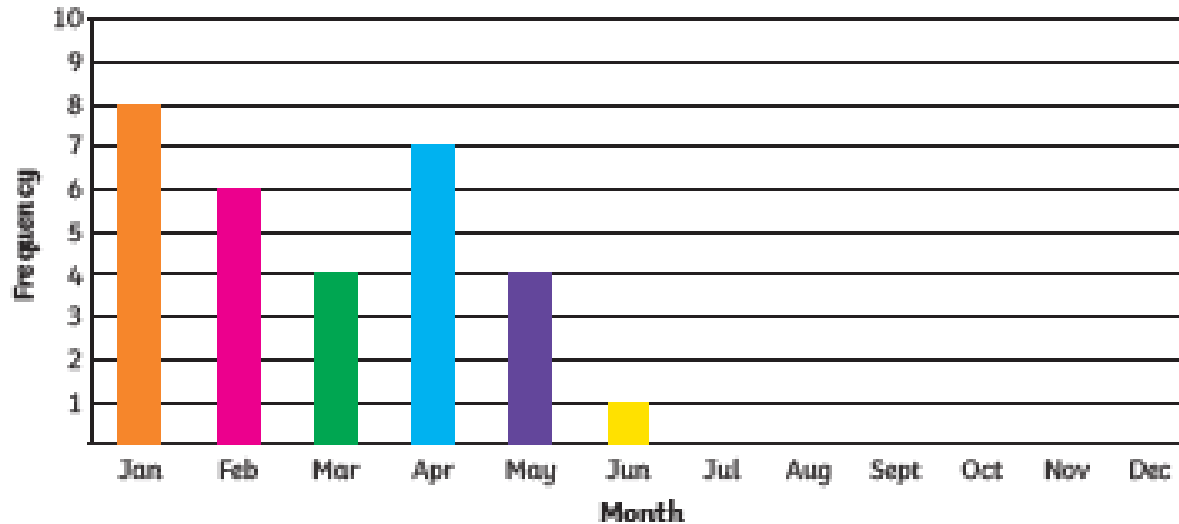
Type of Transport	Number Seen
Bicycle	
Car	
Train	
Aeroplane	
Bus	
Lorry	

How many people use their bike as a means of transportation?

How many people are in this survey?

Data Handling Challenge 4

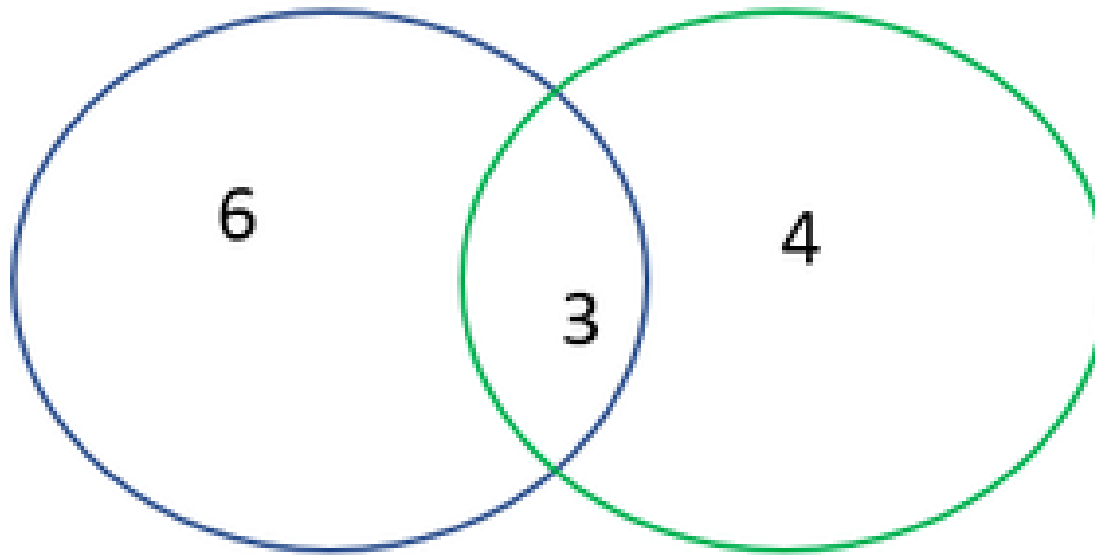
What type of chart is this?



- * What do you think it shows us?
- * How is it different to a block graph?

Dog owners

Cat owners



- * What type of chart is this?
- * How many people own and dog and a cat?

Reflect on your learning!

- * Do you know what 'data' means?
- * Do you understand how Carroll diagrams represent 'data'?
- * Can you interpret data on a range of charts and graphs?