

## ★ Statistics – Interpret Pictograms – 2, 5 10

Children use horizontal and vertical pictograms and answer questions in order to interpret the data.

On this sheet, they work out half of the key so that they have a reminder of what half of the symbol is. They answer simple retrieval questions about the data.

masterthecurriculum.co.uk

Interpret Pictograms – 2, 5 10 Page 8 of 10

Answer the questions about the data below.

10 vehicles = 10 vehicles

How many cars were seen?  What was the most seen vehicle?

How many buses were seen?  What was the least seen vehicle?

How many trucks were seen?  What vehicle was seen 20 times?

How many vans were seen?

How many lorries were seen?

Write your own questions about this data.

Subject

English	▲▲▲▲▲▲▲▲▲▲	▲ = 2 votes
Maths	▲▲▲▲▲▲▲▲▲▲	
Science	▲▲▲▲▲▲▲▲▲▲	
History	▲▲▲▲▲▲▲▲▲▲	
Geography	▲▲▲▲▲▲▲▲▲▲	

Which is the least popular subject?  How many votes did Maths get?

How many votes did Science get?  How many votes did Geography get?

What could the title be?

## ★★ Statistics – Interpret Pictograms – 2, 5 10

Children use horizontal and vertical pictograms and answer questions in order to show their understanding of interpreting data.

masterthecurriculum.co.uk

Interpret Pictograms – 2, 5 10 Page 8 of 10

Answer the questions about the data below.

10 vehicles = 10 vehicles

How many cars were seen more than trucks?  20

What were the total number of vans, cars and trucks seen?

How many fewer buses were seen than vans?

How many lorries and vans were seen?

Write your own questions about this data.

Subject

English	▲▲▲▲▲▲▲▲▲▲	▲ = 2 votes
Maths	▲▲▲▲▲▲▲▲▲▲	
Science	▲▲▲▲▲▲▲▲▲▲	
History	▲▲▲▲▲▲▲▲▲▲	
Geography	▲▲▲▲▲▲▲▲▲▲	

Which is the least popular subject?  What was the difference in votes between English and History?

How many votes did Science and Maths receive altogether?  How many children voted altogether?

What could the title be?

## ★★★ Statistics – Interpret Pictograms – 2, 5 10

Children use horizontal and vertical pictograms and answer more complex questions in order to show their understanding of interpreting data.

masterthecurriculum.co.uk

Interpret Pictograms – 2, 5 10 Page 8 of 10

Answer the questions about the data below.

2 = 2

How many buses were seen?  How many more cars were seen than trucks?

What were the total number of vehicles seen if they used 5 more of each vehicle?

The children want to use 20 of each vehicle. How many more votes do they need to see each one?

Van =  Lorry =

Bus =  Car =

Truck =

Write your own questions about this data.

Subject

English	▲▲▲▲▲▲▲▲▲▲	▲ = 10 votes
Maths	▲▲▲▲▲▲▲▲▲▲	
Science	▲▲▲▲▲▲▲▲▲▲	
History	▲▲▲▲▲▲▲▲▲▲	
Geography	▲▲▲▲▲▲▲▲▲▲	

Which is the third most popular subject?  What was the difference in votes between English and Science?

If you subtract the votes from Science and History from the votes of Geography, what amount of votes do you get?

Fifty votes from Geography are moved to Science. What are their new totals?

Geography =

Science =

What could the title be?



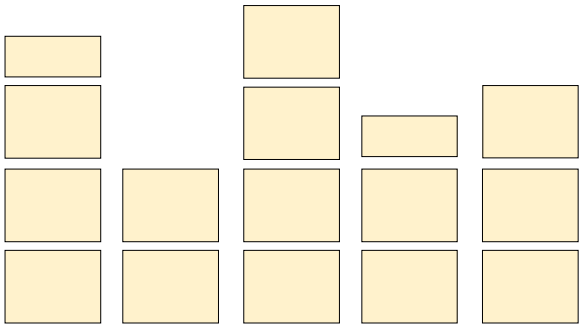
Answer the questions about the data below.



= 10 vehicles



= \_\_\_\_ vehicles



Van

Bus

Car

Limo

Truck



Write your own questions about this data.



What was the most seen vehicle?

What was the least seen vehicle?

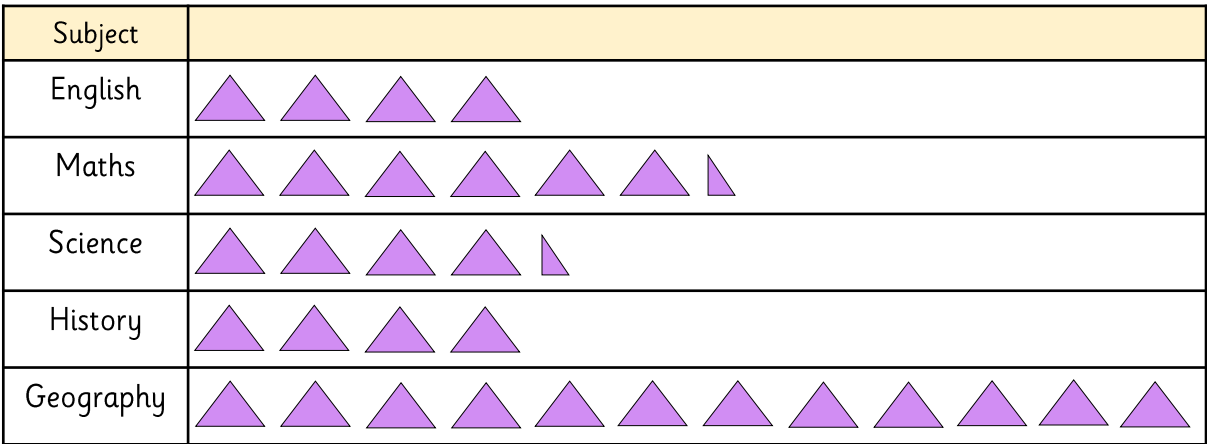
What vehicle was seen 30 times?

How many cars were seen?

How many trucks were seen?

How many vans were seen?

How many limos were seen?



= 2 votes



= \_\_\_\_ vote

Which is the least popular subject?

How many votes did science get?

How many votes did Maths get?

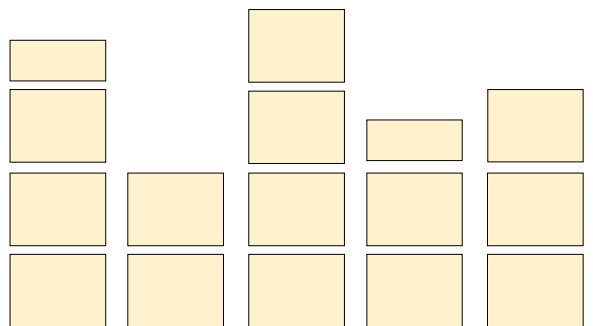
How many votes did Geography get?

What could the title be?



Answer the questions about the data below.

 = 10 vehicles       = 5 vehicles



Van      Bus      Car      Limo      Truck



Write your own questions about this data.



What was the most seen vehicle?

**Cars**

What was the least seen vehicle?

**Buses**

What vehicle was seen 30 times?

**Trucks**

How many cars were seen?

**40**

How many trucks were seen?

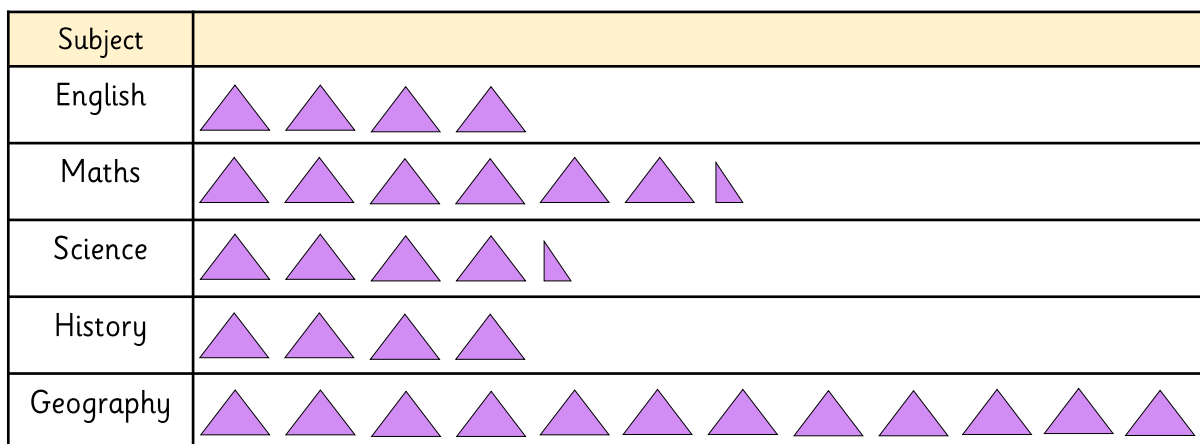
**30**



How many vans were seen?

**35**

How many limos were seen?

**25**



 = 2 votes  
 = 1 vote

Which is the least popular subject?

**History and English**

How many votes did science get?

**9**

How many votes did Maths get?

**13**

How many votes did Geography get?


**24**

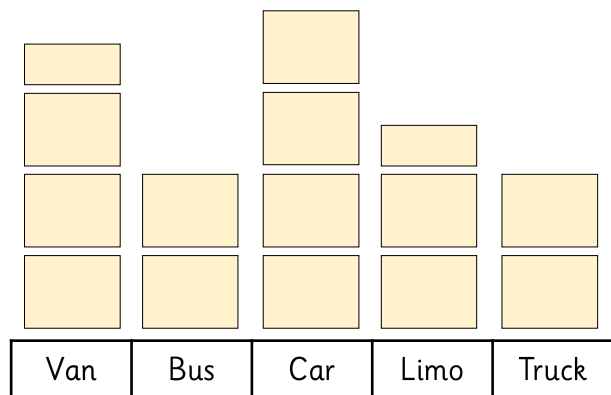
What could the title be?

**Subject related title**



Answer the questions about the data below.

 = 10 vehicles



How many more cars were seen than trucks?

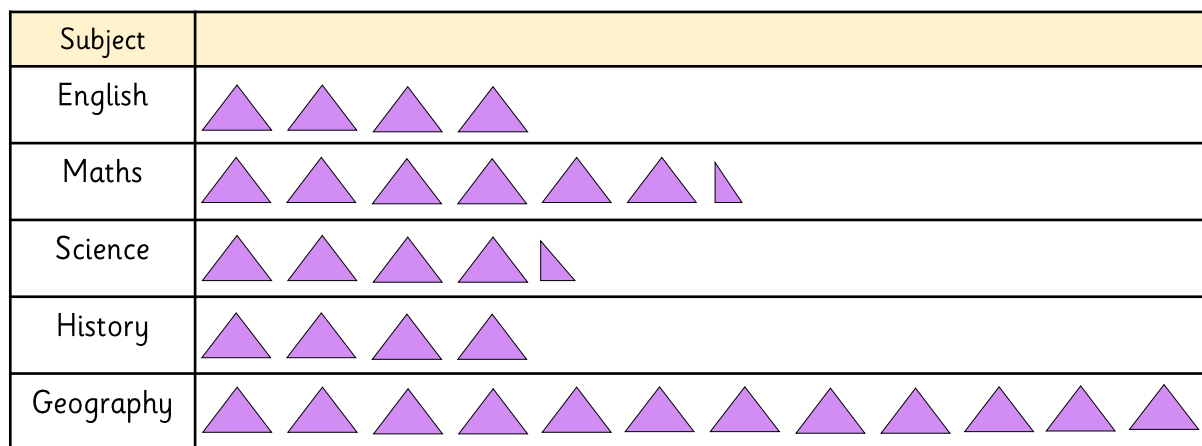
What were the total number of vans, cars and trucks seen?


How many fewer buses were seen than vans?

How many limos and vans were seen?



Write your own questions about this data.



 = 2 votes

Which is the least popular subject?

\_\_\_\_\_

What was the difference in votes between English and History?

\_\_\_\_\_

How many votes did Science and Maths receive altogether?

\_\_\_\_\_

How many children voted altogether?


\_\_\_\_\_

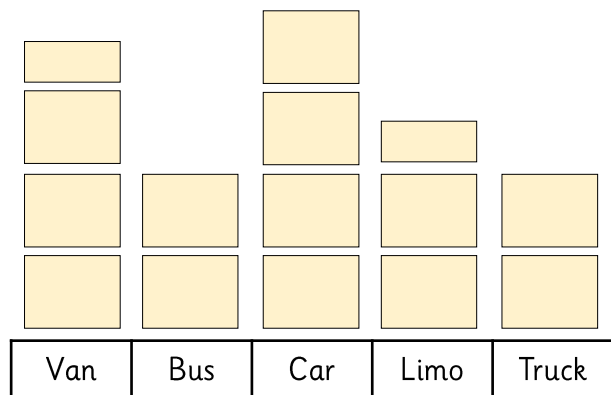
What could the title be?

\_\_\_\_\_



Answer the questions about the data below.

 = 10 vehicles



How many more cars were seen than trucks?

20

What were the total number of vans, cars and trucks seen?

95

How many fewer buses were seen than vans?

15

































How many limos and vans were seen?


60



Write your own questions about this data.



Subject	
English	   
Maths	      
Science	    
History	   
Geography	           

 = 2 votes

Which is the least popular subject?

History and English

What was the difference in votes between English and History?

0

How many votes did Science and Maths receive altogether?

22

How many children voted altogether?

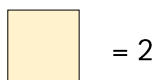
62

What could the title be?

Subject related title



Answer the questions about the data below.



How many fewer buses were seen than vans?

How many more vans were seen than trucks?

What were the total number of vehicles seen if they saw 5 more of each vehicle?

The children want to see 20 of each vehicle.  
How many more times do they need to see each one?

Van = \_\_\_\_\_

Limo = \_\_\_\_\_

Bus = \_\_\_\_\_

Truck = \_\_\_\_\_

Car = \_\_\_\_\_



Write your own questions about this data.




































---




---



---

Subject	
English	     
Maths	      
Science	    
History	   
Geography	         

 = 10 votes

Which is the third least popular subject?

\_\_\_\_\_

If you subtract the votes from Science and History from the votes of Geography, what amount of votes do you get?

\_\_\_\_\_

What is the difference in votes between English and Science?

\_\_\_\_\_

Fifty votes from Geography are moved to Science.  
What are their new totals?

Geography = \_\_\_\_\_

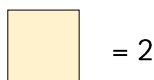
Science = \_\_\_\_\_

What could the title be?

\_\_\_\_\_



Answer the questions about the data below.



How many fewer buses were seen than vans?

3

How many more vans were seen than trucks?

3

What were the total number of vehicles seen if they saw 5 more of each vehicle?

53

The children want to see 20 of each vehicle. How many more times do they need to see each one?

Van = 13

Limo = 15

Bus = 16

Truck = 16

Car = 12

Van	Bus	Car	Limo	Truck
-----	-----	-----	------	-------

Write your own questions about this data.



Subject	
English	
Maths	
Science	
History	
Geography	

= 10 votes

Which is the third least popular subject?

English

If you subtract the votes from Science and History from the votes of Geography, what amount of votes do you get?

$100 - 85 = 15$

What is the difference in votes between English and Science?

15

Fifty votes from Geography are moved to Science. What are their new totals?

Geography = 50

Science = 95

What could the title be?

Subject related title