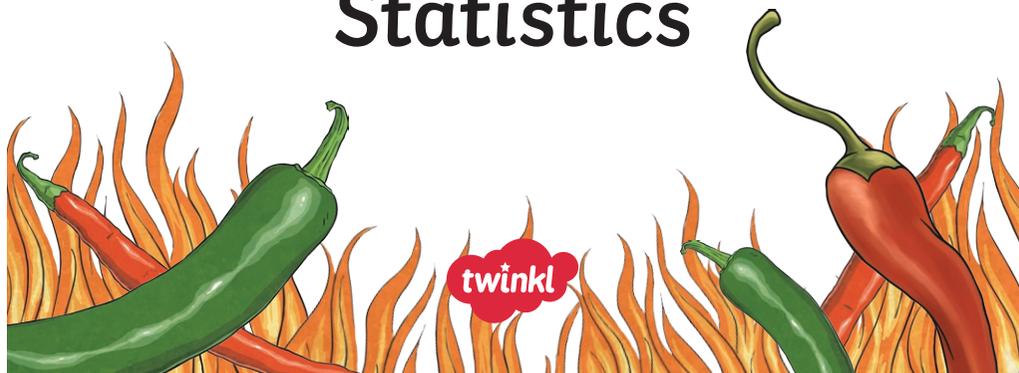# Chilli Challenge

Statistics
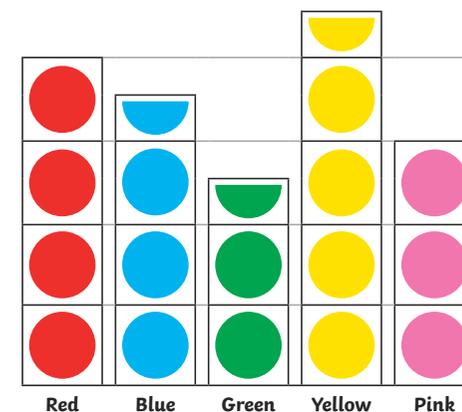

Pictogram

How many children chose yellow and pink?

_____

How many more children chose red as their favourite colour as compared with those who chose green?

_____

Red	Blue	Green	Yellow	Pink

○ = 2 people

Tables

Some children researched how a class of children had travelled to school. Use the data in this table to create a scale bar chart or pictogram, using scale of 2.
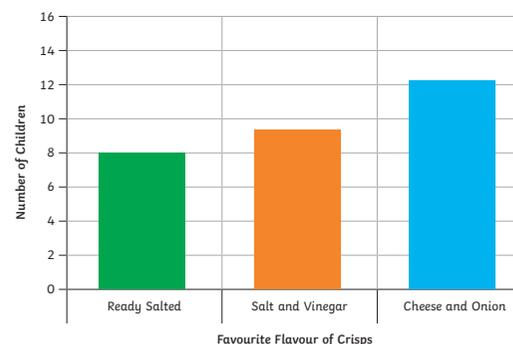
Mode of transport	Number of children
Walk	15
Car	8
Bus	5
Bicycle	4

Bar Charts

Bar charts use a bar on a scale to represent data.

Number of Children (y-axis: 0, 2, 4, 6, 8, 10, 12, 14, 16)

Favourite Flavour of Crisps (x-axis: Ready Salted, Salt and Vinegar, Cheese and Onion)

What is the total number of children surveyed?

_____

What is the difference in the number of children who chose the ready salted and salt and vinegar?
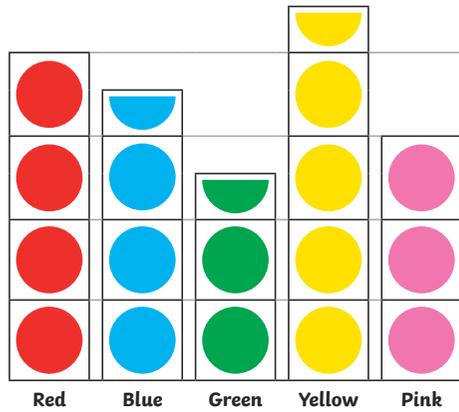
_____

Pictogram

How many fewer children chose red as their favourite colour as compared with those who chose blue and green?

_____

Three more children are surveyed and they choose blue as their favourite colour. Which colour is the most popular now?

_____

| Red | Blue | Green | Yellow | Pink |

⚪ = 2 people

Tables

Some children researched how a class of children had travelled to school. Use the data in this table to create a scale bar chart or pictogram.

Mode of transport	Number of children
Walk	15
Car	8
Bus	5
Bicycle	4

Which scale would you choose?

_____

Bar Charts

Bar charts use a bar on a scale to represent data.

Number of Children

Ready Salted | Salt and Vinegar | Cheese and Onion

Favourite Flavour of Crisps

What is the total number of children surveyed?

_____

What is the difference in the number of children who chose the ready salted and salt and vinegar?
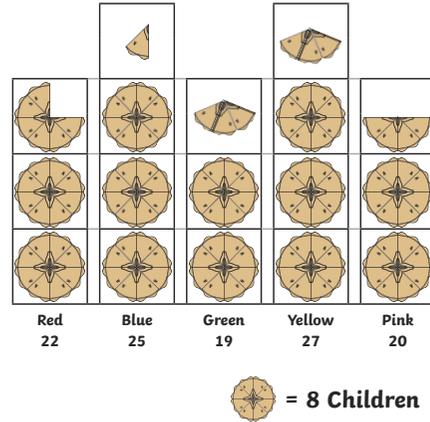
_____

Pictogram

The scaled pictogram uses one picture or symbol to represent two or more values.

How many fewer children chose red as their favourite colour as compared with those who chose blue and green?

_____

Three more children are surveyed and they choose blue as their favourite colour. Which colour is the most popular now?

_____

Red	Blue	Green	Yellow	Pink
22	25	19	27	20

= 8 Children

Tables

Some children researched how a class of children had travelled to school. Use the data in this table to create a scale bar chart or pictogram.

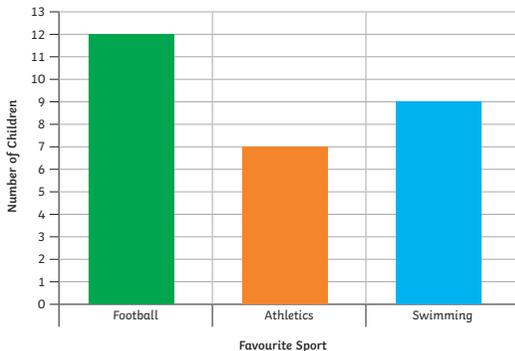| Mode of transport	Number of children
Walk	15
Car	8
Bus	5
Bicycle	4

Which scale would you choose?

_____

Bar Charts

Bar charts use a bar on a scale to represent data.

What is the difference in the number of children who chose the most and least favourite sport?

_____

Another 15 children are surveyed. 2 chose football, 7 athletics and the rest swimming. What is the favourite sport now?

_____