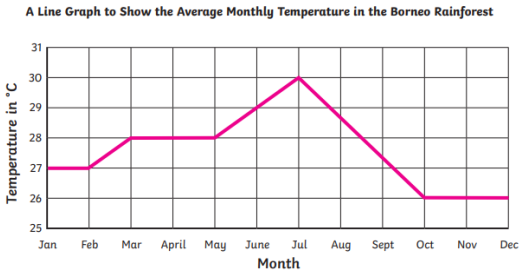
# Year 4 Maths: Statistics

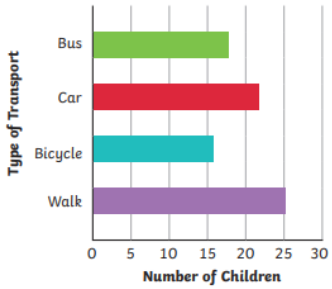
**What should I already know?**

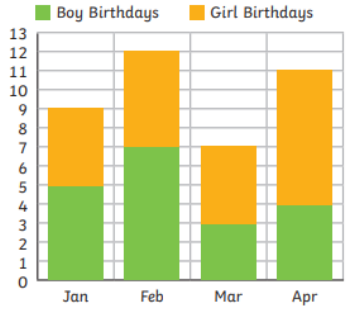
- How to interpret and present data using bar charts, pictograms and tables.
- Solve questions using information presented in bar charts, pictograms and tables.

## Key Knowledge

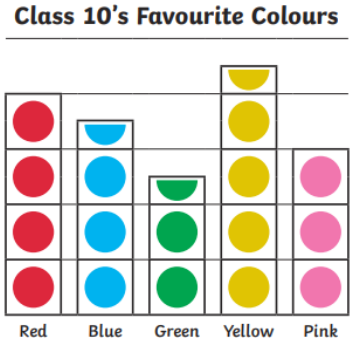
Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.



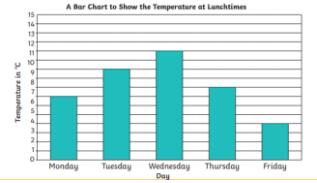
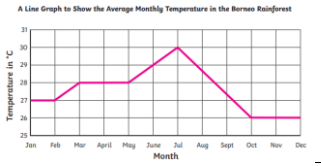
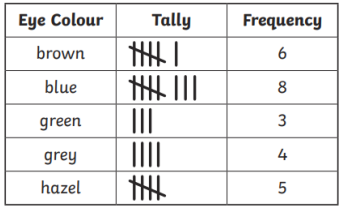
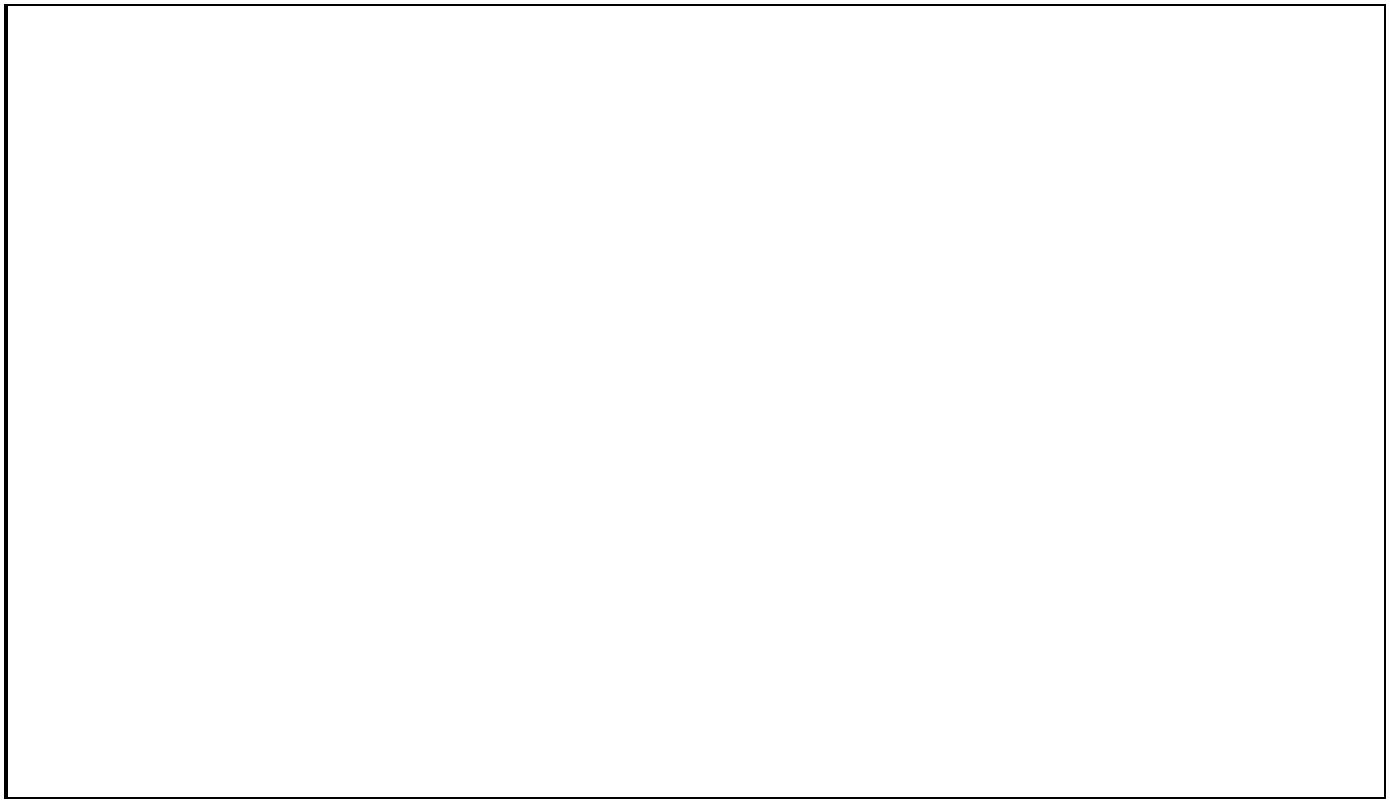

Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.




◯ = 2 Children

How many more children preferred to blue?
8 - 7 = 1
How many children chose red, green and yellow altogether?
8 + 5 + 9 = 22
How many fewer people chose pink than yellow?
9 – 6 = 3

## Key Vocabulary and definitions

| | |
|---|---|
| **discrete data** | information that is **counted** in **whole** numbers |
| **continuous data** | information that is **measured** that can be any value. |
| **time graph** | A graph that shows how data changes over time.<br>  <br>  |
| **tally chart** |  |
| **scale** | An increasing range of values used to measure something. |
| **intervals** | A space in between two things. |
| **interpret** | To understand. |

| Eye Colour | Tally | Frequency |
|---|---|---|
| brown | 𝍸 \| | 6 |
| blue | 𝍸 \|\|\| | 8 |
| green | \|\|\| | 3 |
| grey | \|\|\| | 4 |
| hazel | 𝍸 | 5 |