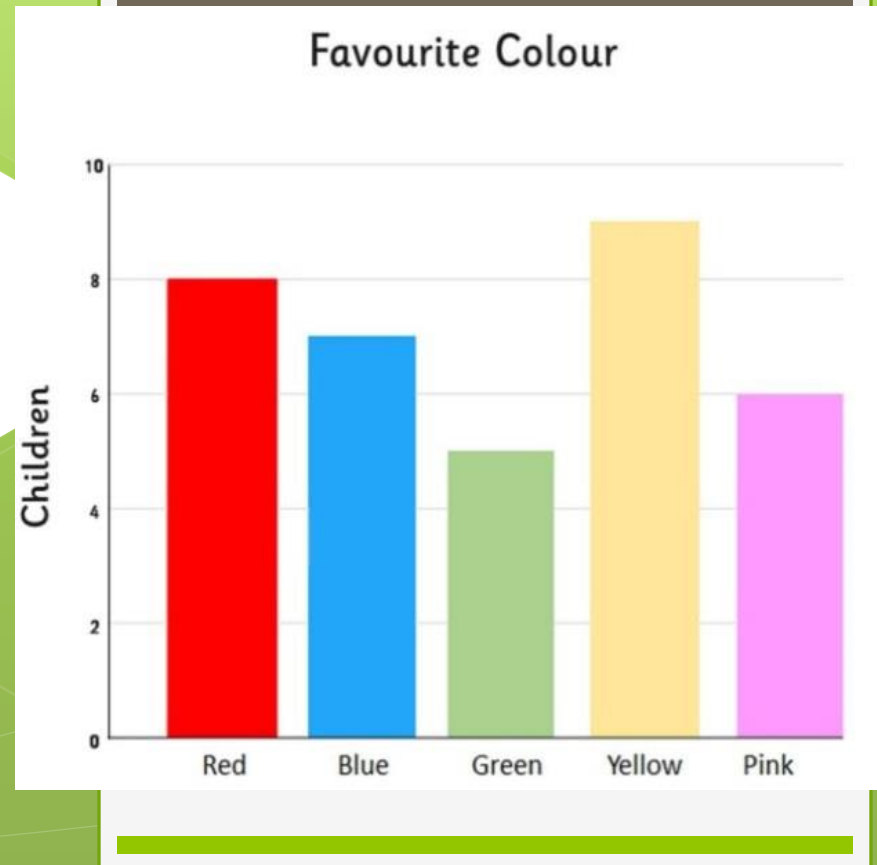
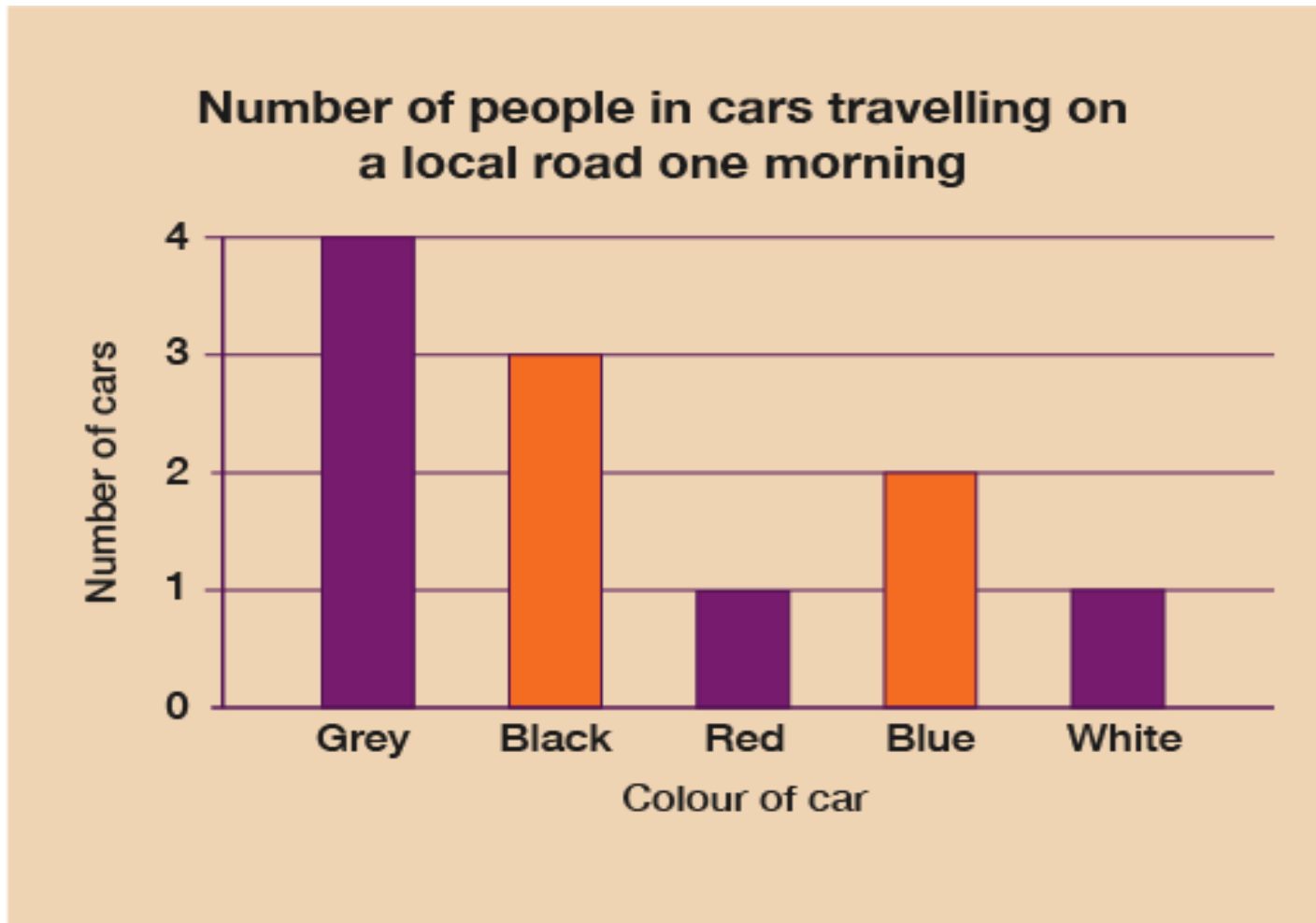


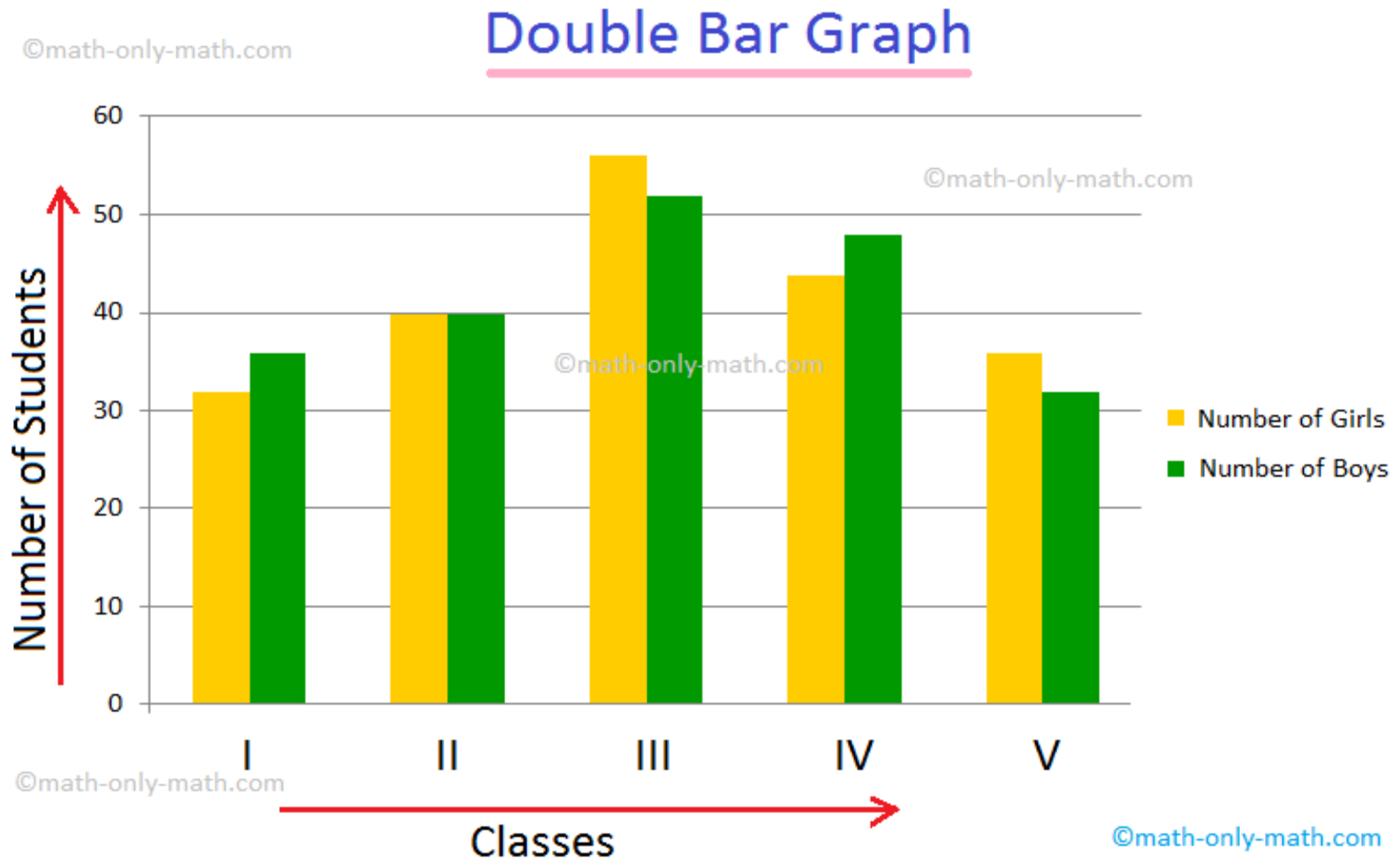
Describing Charts, Graphs and Diagrams.....



Bar Graph



Double Bar Graph

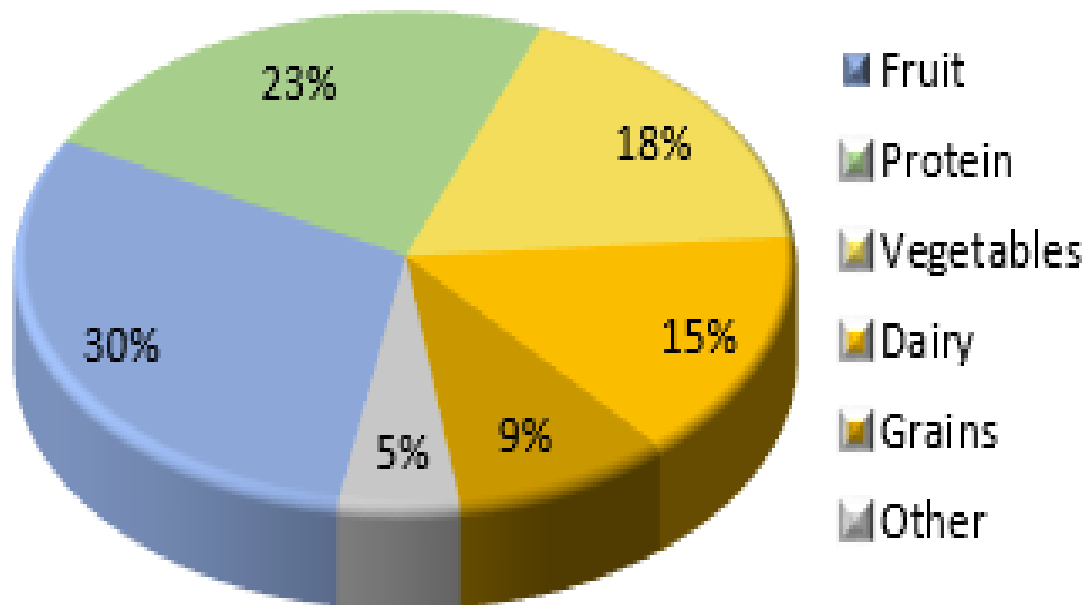


Bar Graph.....

Used to show relationship between different data series that are independent of each other.

Pie Chart

Recommended Diet

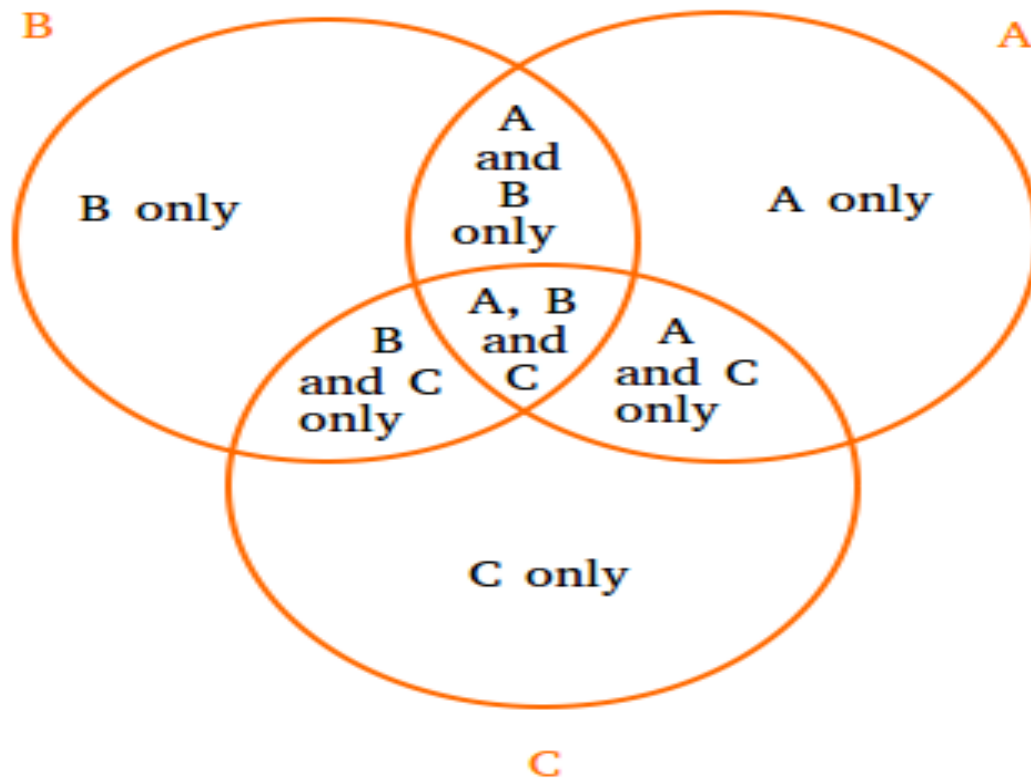


Pie Chart.....

Designed to visualize how a whole is divided into various parts. Each segment of the pie chart is a particular category within the total data set. It represents a percentage distribution.

Venn Diagram

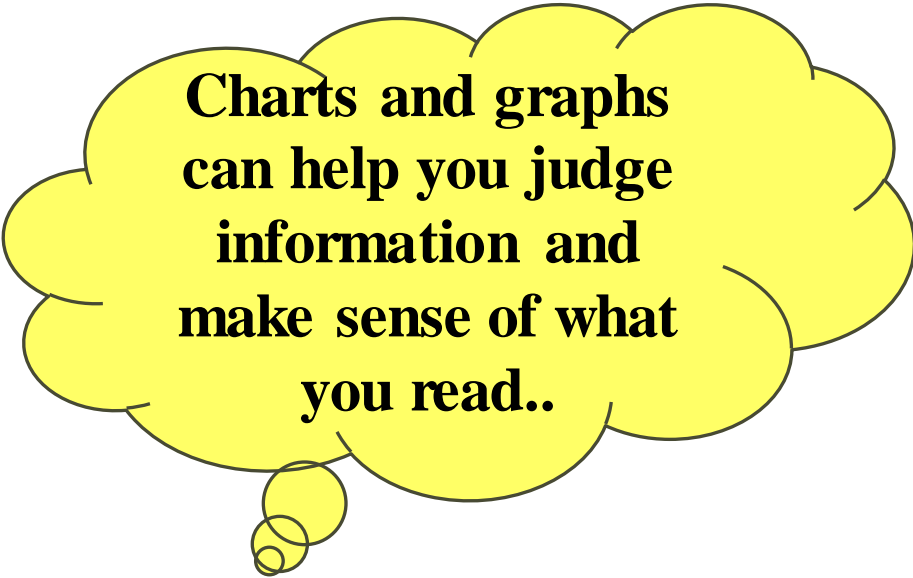
3-circle Venn diagram



Venn Diagram.....


Used to show all possible logical relations between a finite collection of different sets.

Some tips for writing....



**Charts and graphs
can help you judge
information and
make sense of what
you read..**

- ❖ Start by saying exactly what the chart, graph or the diagram shows.
- ❖ Avoid repeating words in the question. Instead, use other words with the same or similar meanings.

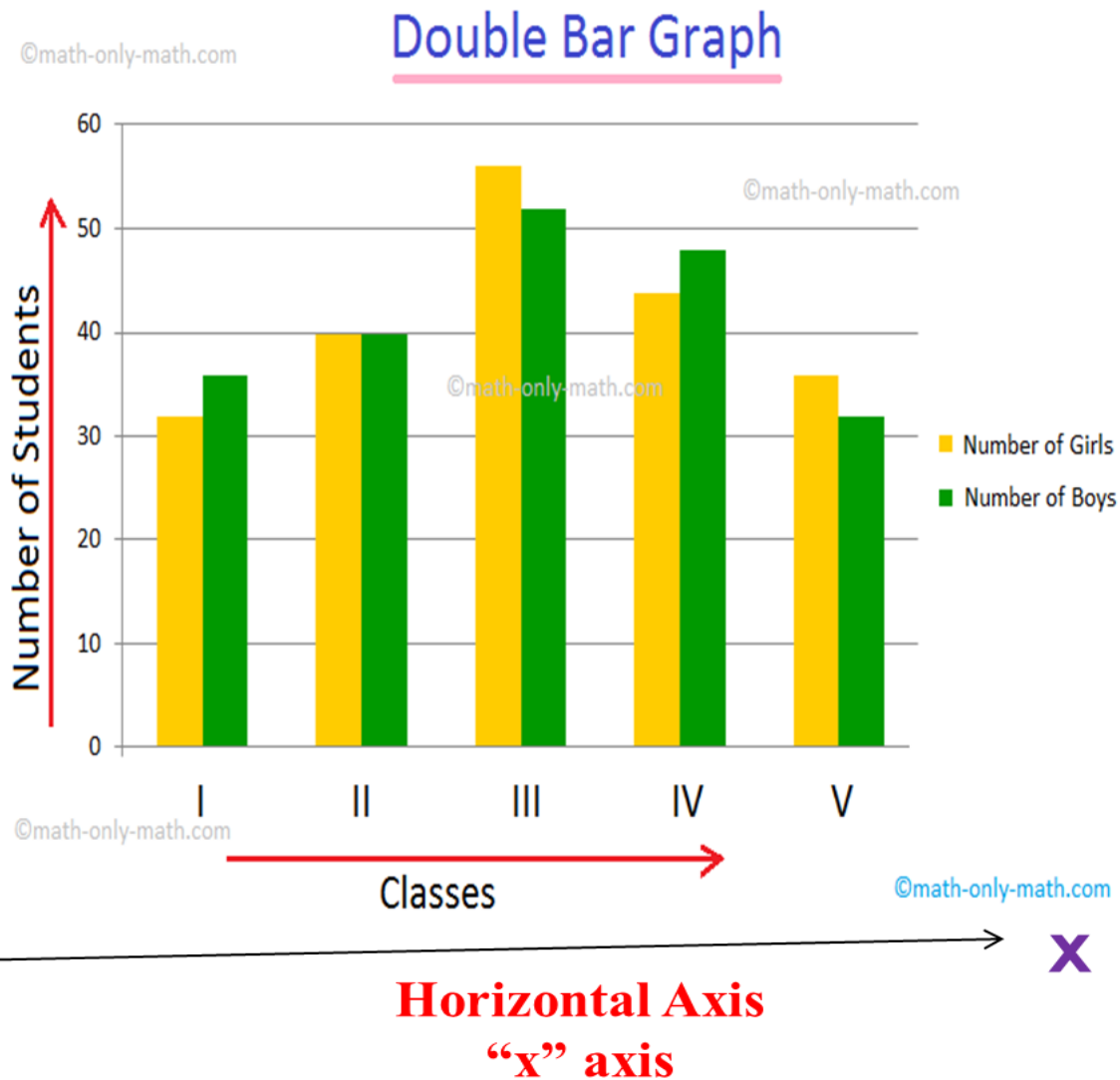
- 
- ❖ Explain what the different sections refer to and describe the trends you can see.

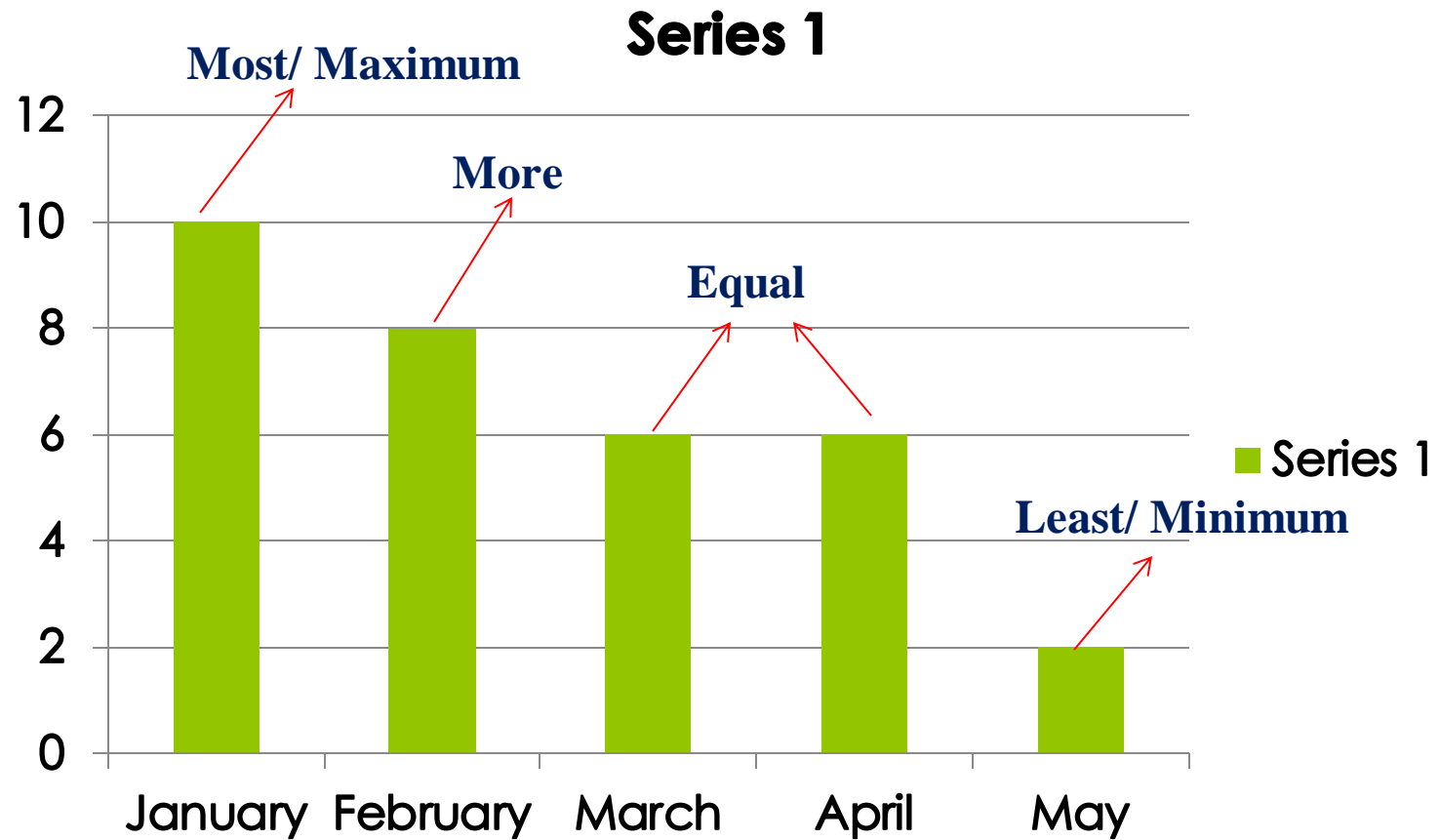
Use data and numbers from the chart.

- Describe the changes precisely.
 - Compare the information.
 - Talk about differences or similarities.
- ❖ To sum up, highlight the most important things.

Vertical Axis
“y” axis

y





Positive	Comparative	Superlative
little	less	least
big	bigger	Biggest
many	more	Most
long	longer	longest
bad	worse	worst
good	better	best

The language used...

Maximum

The most popular

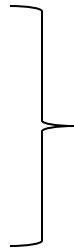
The majority



Equal/ similar/ same

Equally popular

An equal percentage of



Minimum

The least popular

The lowest percentage

A minority of

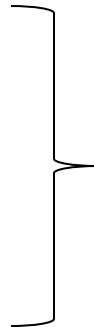


More popular than...

Higher than....

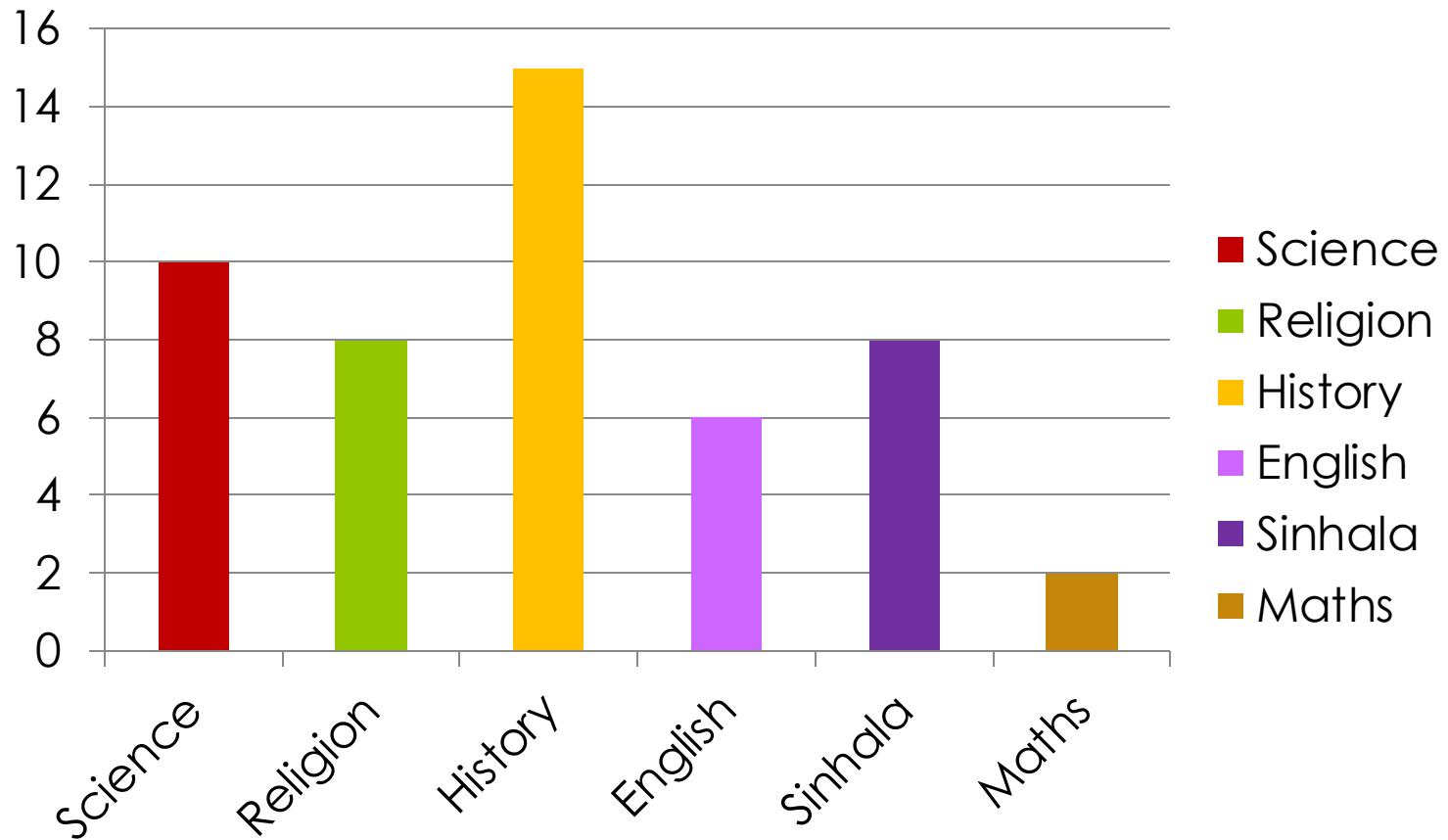
Less popular than....

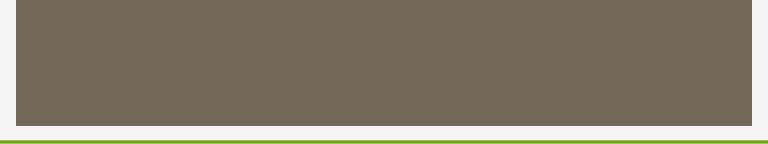
Lower than....



When comparing

Favourite Subjects



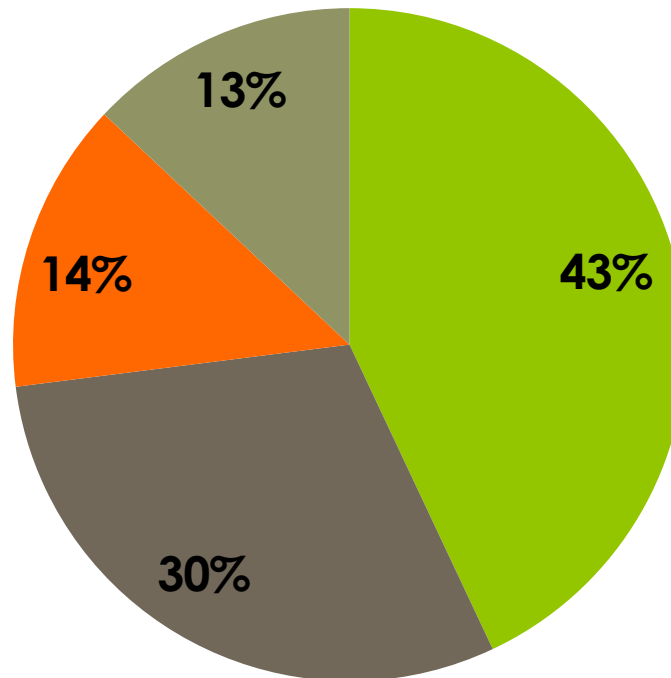
- 
- ❖ This bar graph **shows** some favourite subjects of Grade 11 students of U.B. Wanninayaka National School.
 - ❖ **The horizontal axis represents** the favourite subjects of the students.
 - ❖ **The vertical axis represents** total number of the students.
 - ❖ The **most popular** subject is History and 15 students like it or **the majority of students** like History and it is 15.
 - ❖ The **least popular** subject is Mathematics and only 02 students like it or **the minority of students** like English and it is six.
 - ❖ **An equal** number of students like Religion and Sinhala respectively.
 - ❖ **A few number** of students like Mathematics.

The language used...

- The pie chart/ bar graph/ line graph is about.....
- The pie chart/ bar graph/ line graph shows.....
- The bar chart deals with....
- The chart is divided into..... parts/ categories
- The x axis/ horizontal axis shows.....
- The y axis/ vertical axis shows.....
- The number has increased/ decreased....
- The number does not change/ remains stable.

Favourite Games

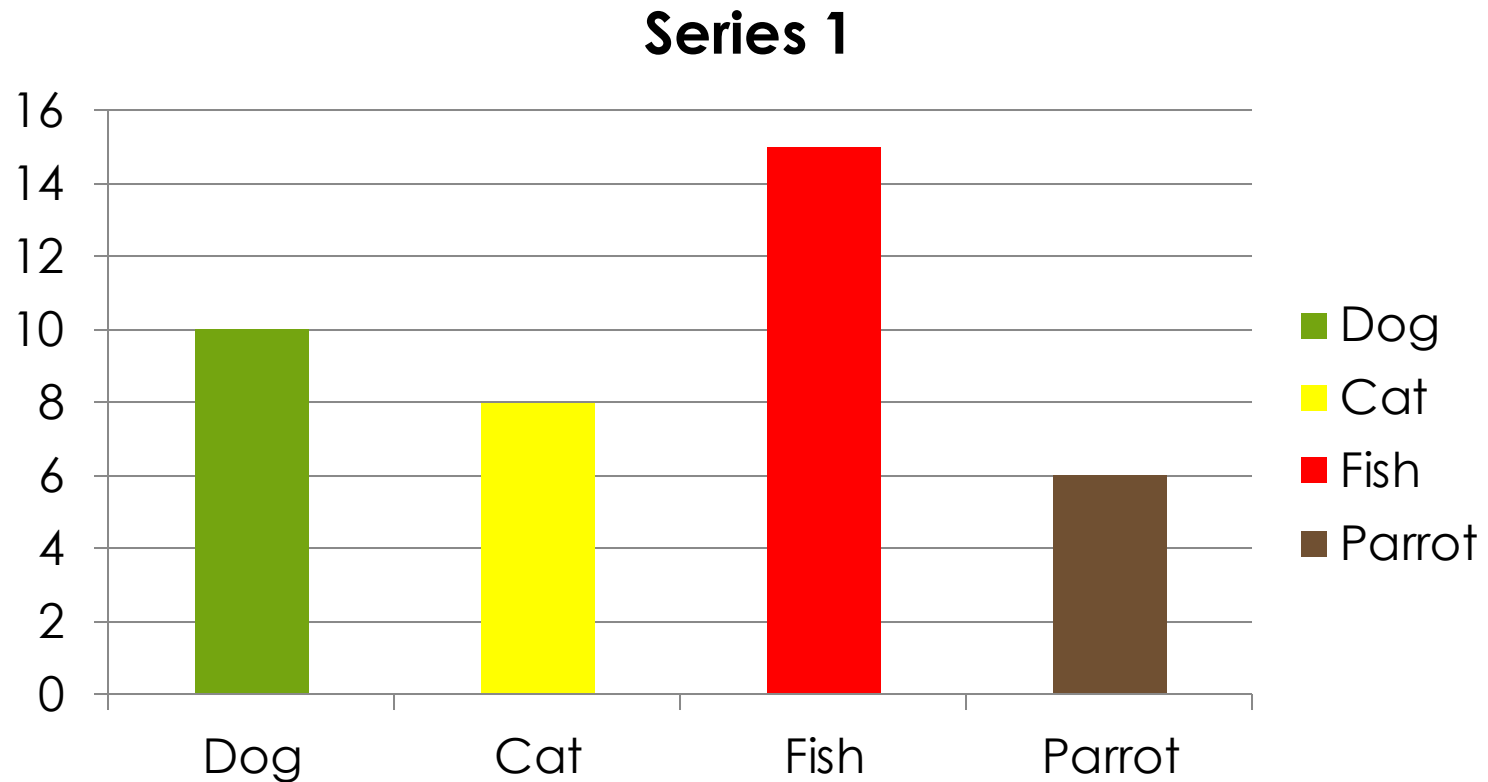
■ Cricket ■ Tennis ■ Football ■ Volleyball

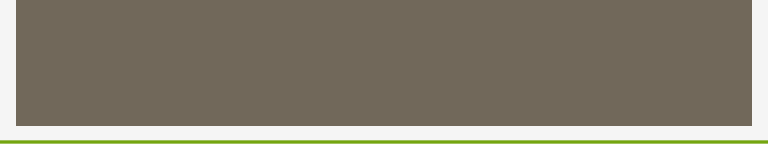


The following pie chart shows the favourite games of Grade 10 students of Royal College. Complete the given paragraph describing the chart.

The given pie chart depicts the favourite games of Royal College. There are four games and they are volleyball, football, tennis and cricket. According to the chart, 43% of students like cricket and it is the most popular game. The least popular game is Volleyball and only 13% of students like it. 14% and 30% of students like Football and Tennis respectively. Therefore we can say that cricket is more popular than any other game among these students.

The following graph shows the favourite pets of Grade 11 students of Maliyadewa College. Fill in the blanks to complete the given description.





The above bar graph shows the favourite pets of Grade 9 students of Maliyadewa College. The horizontal axis shows the favourite pets of the students. The vertical axis shows the total number of students. Ten students like dogs and cat is the favourite pet of eight students. The most popular pet is fish, fifteen students like this pet. The least popular pet is parrot and only six students like it. Two students like cats more than parrots but less than dogs.

The following pie chart shows the favourite television programmes of 145 students of the Grade 11 classes of St. Annes College.

Study the chart and write a description about it.

(**Most of the students, the majority of, lowest number of, most popular, less popular than, equal**)

Number of students

