

Statistics

Key Vocabulary

data

interpret

key

tally chart

pictogram

block diagram

table

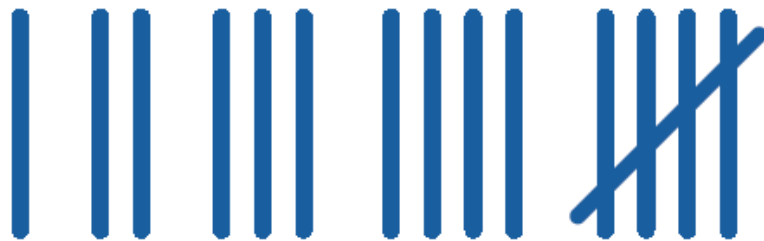
total

compare

symbol

Tally Charts

Tally marks look like this:



The fifth mark goes across diagonally, like a gate.

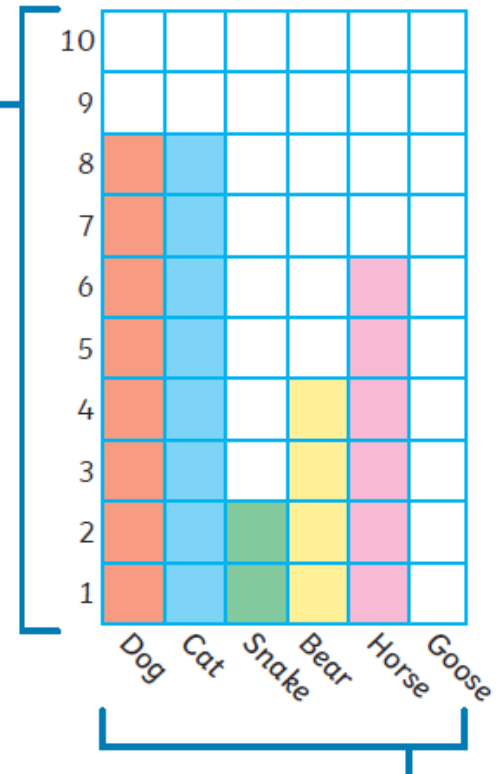
A tally chart is one way of collecting data using tally marks.

Eye Colour	Tally	Total
brown		6
blue		8
green		3
grey		4
hazel		5

Block Diagram

A block diagram represents data using blocks. One block represents one item.

In this block diagram, the **y-axis**, which is vertical, shows the number of items.



In this block diagram, the **x-axis**, which is horizontal, shows the types of items.

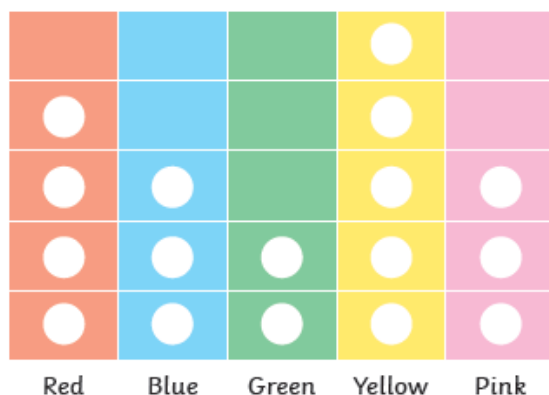
The blocks can go vertically or horizontally.

Statistics

Pictograms

Pictograms use pictures or symbols to represent data. Each picture or symbol can represent one item or more than one. The key shows what each symbol represents.

Favourite Colour

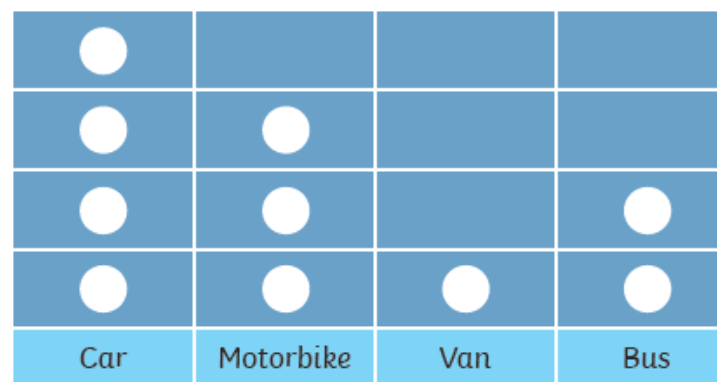


Key

● = 1 child

Here is an example of a pictogram with a different scale.

Traffic Survey

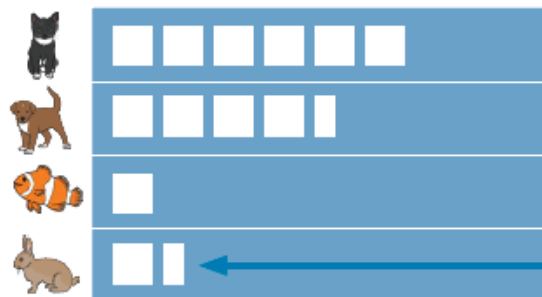


Key

● = 5 vehicles

This pictogram uses one symbol to represent 2 pets.

Class 1's Pets



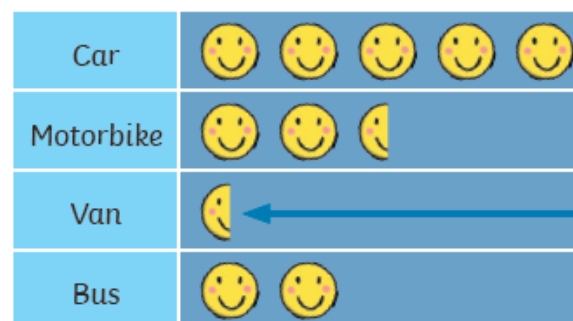
Key

□ = 2 pets

To represent 1 pet, a picture of half a square is used.

This pictogram has one symbol to represent 10 children.

Ways of Travelling to School



Key

😊 = 10 children

To represent 5 children, a picture of half a face is used.