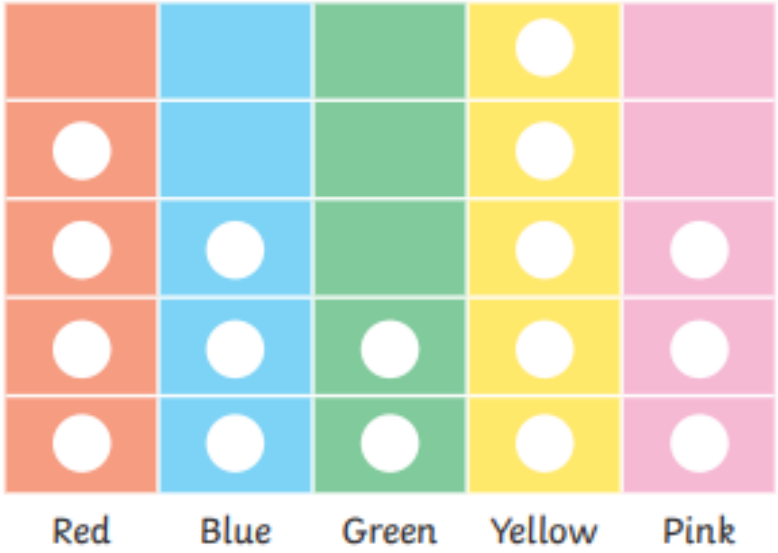
Pictograms
Tuesday 14th July

Today we continue our work on data handling and we will build on what we learnt about tally charts yesterday.

Todays focus is 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.

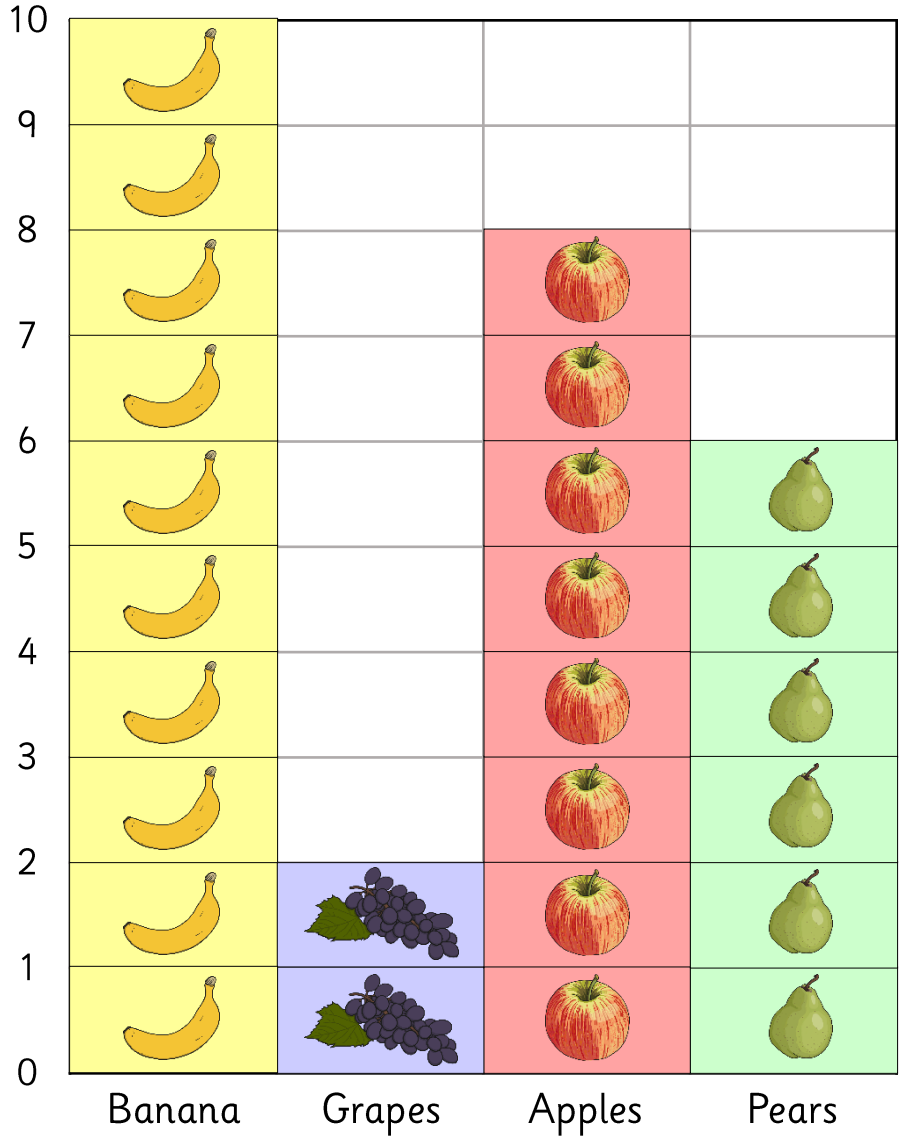
Favourite Colour



Key

● = 1 child

Favourite Fruit



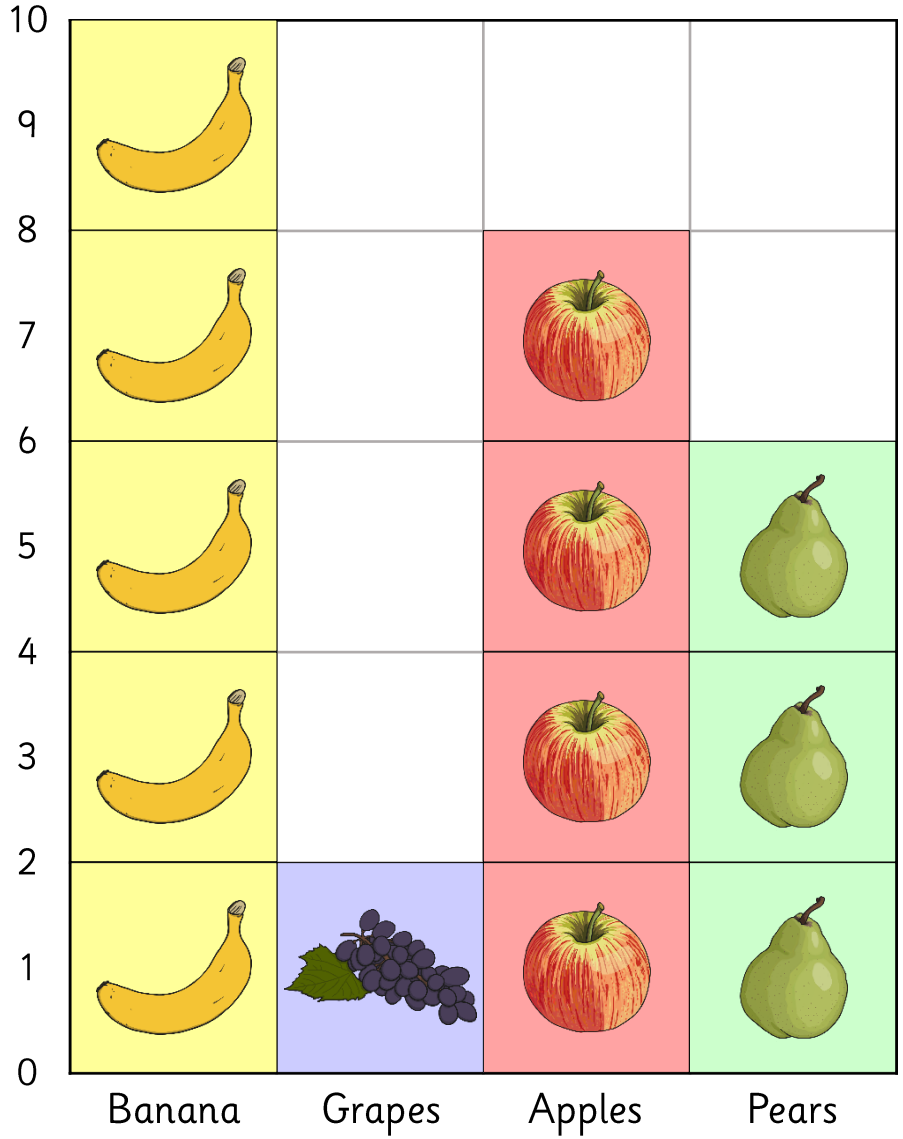
Here is a bar chart showing the favourite fruit for a class of children.

The scale counts up in 1's.

How many children liked grapes?

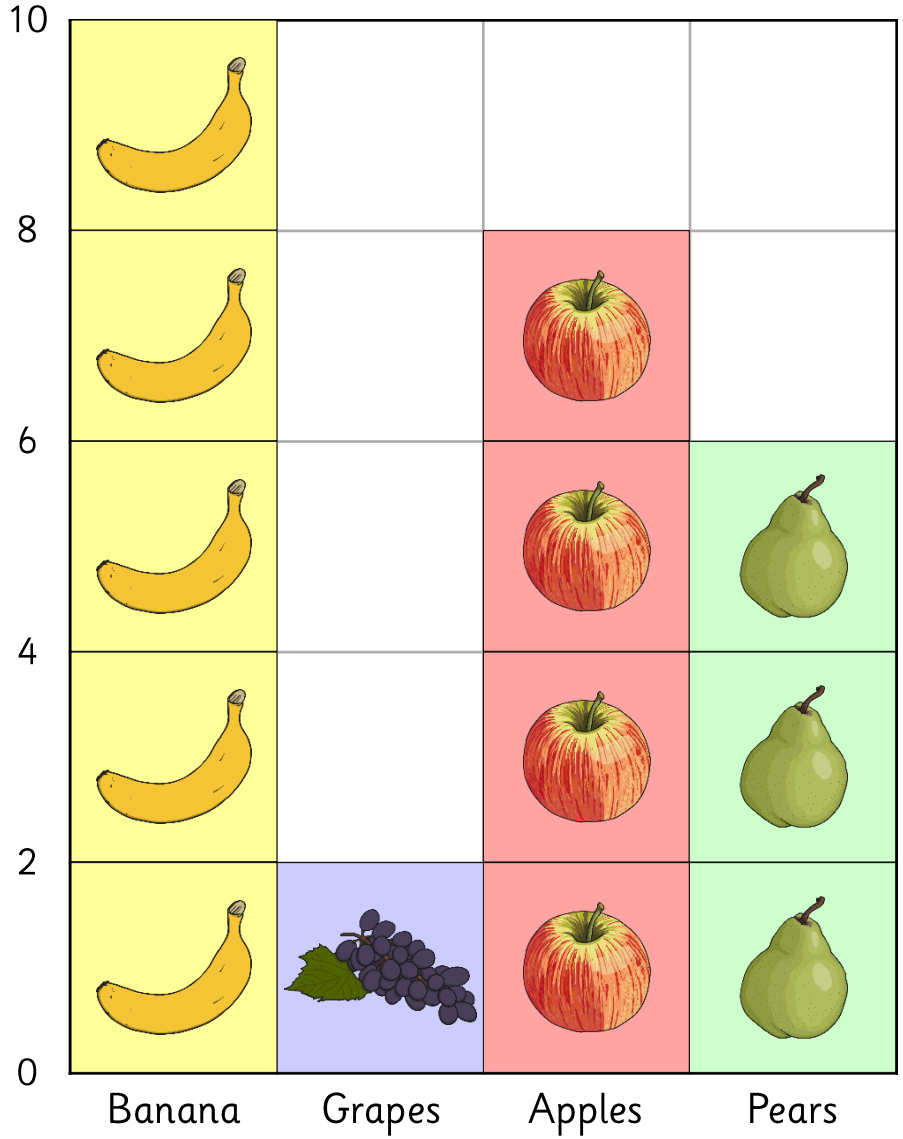
How many more children preferred pears to grapes?

Favourite Fruit



Here is the same pictogram with 1 picture representing 2 children's choices.

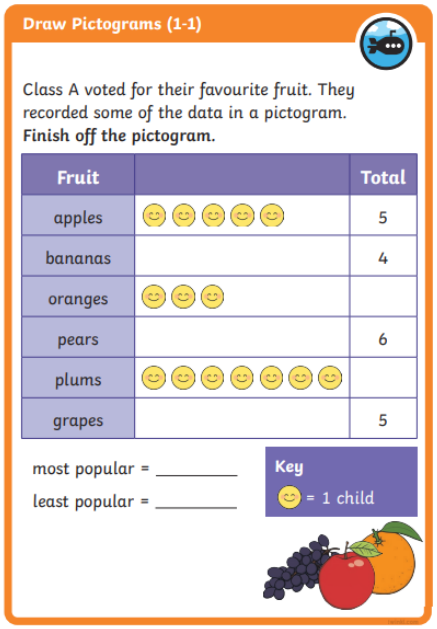
Favourite Fruit

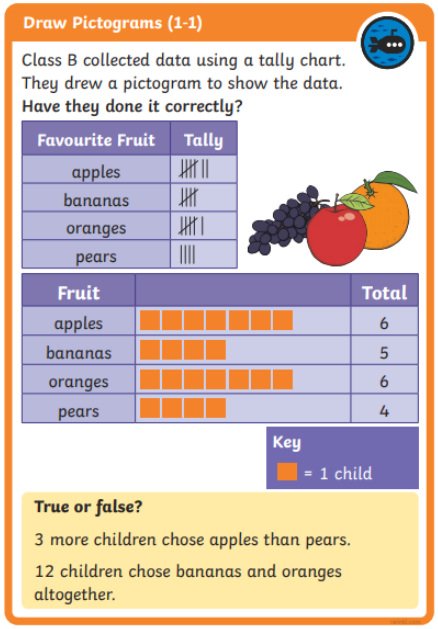


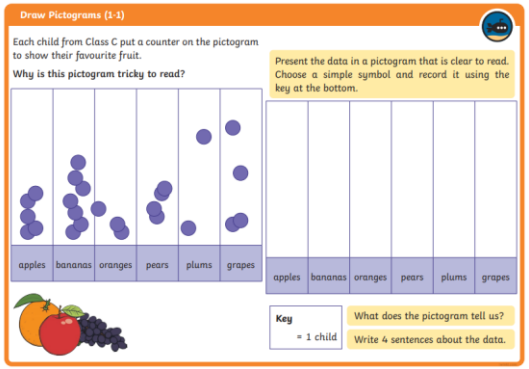
Here is the same pictogram with the number scale changed to only show the even numbers.

Activity

Now complete the drawing pictogram work cards, remember what you learnt about tally charts yesterday







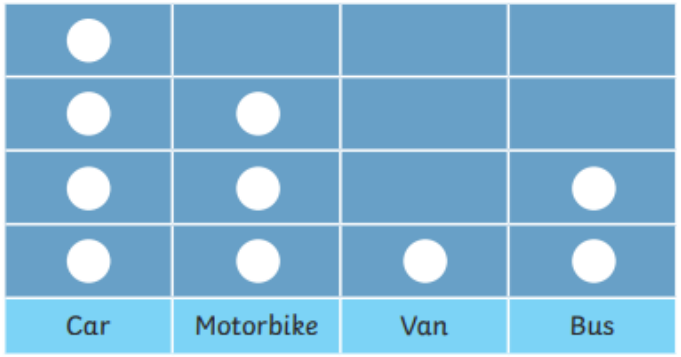
Scaled Pictograms Wednesday 15th July

Yesterday we learnt how to draw and interpret a pictogram. We looked at pictograms with a scale of 1 and applied what we had learnt about tally charts on Monday. Today we will look at scaled pictograms.

Here are a few examples of the type we will be looking at.

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

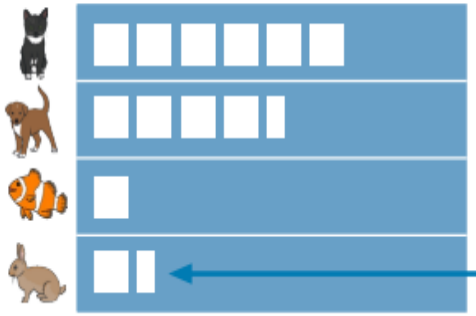
Traffic Survey



Key ● = 5 vehicles

This pictogram uses one symbol to represent 2 pets.

Class 1's Pets



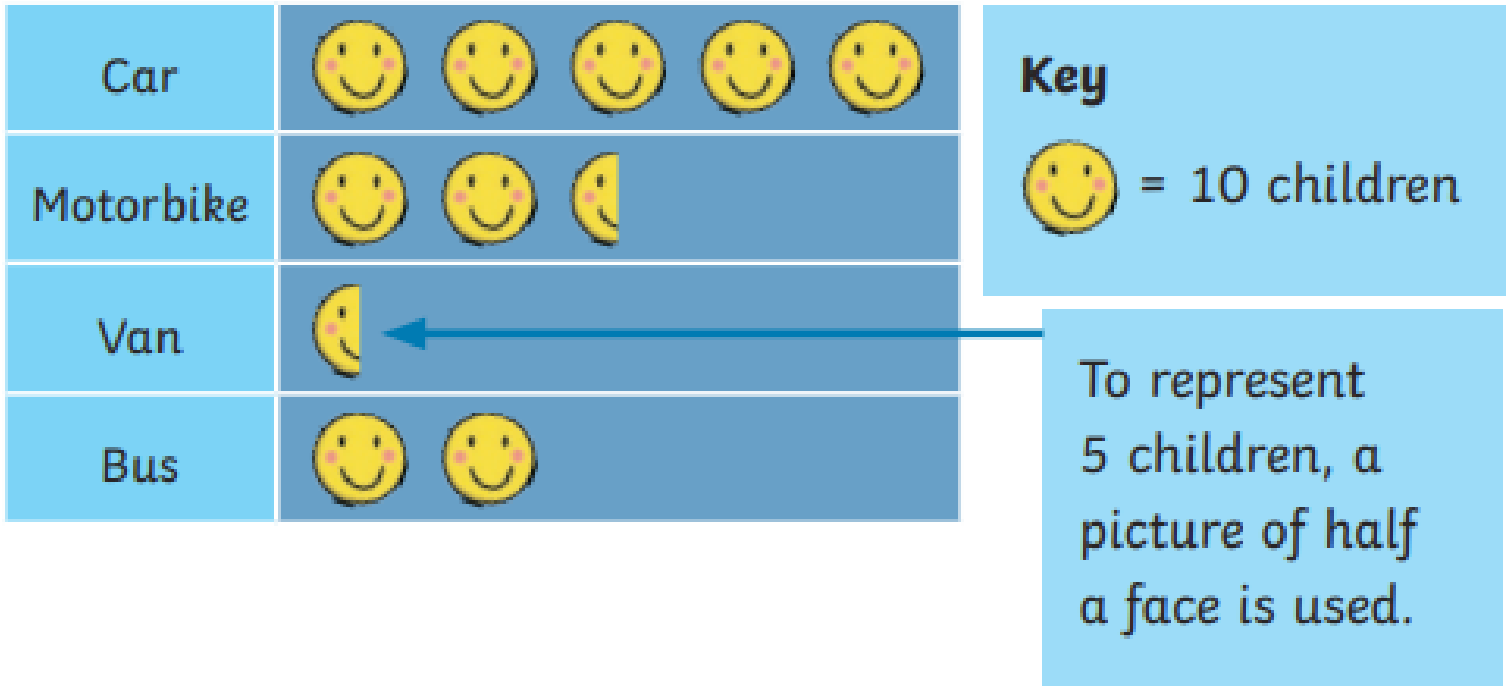
Key

□ = 2 pets

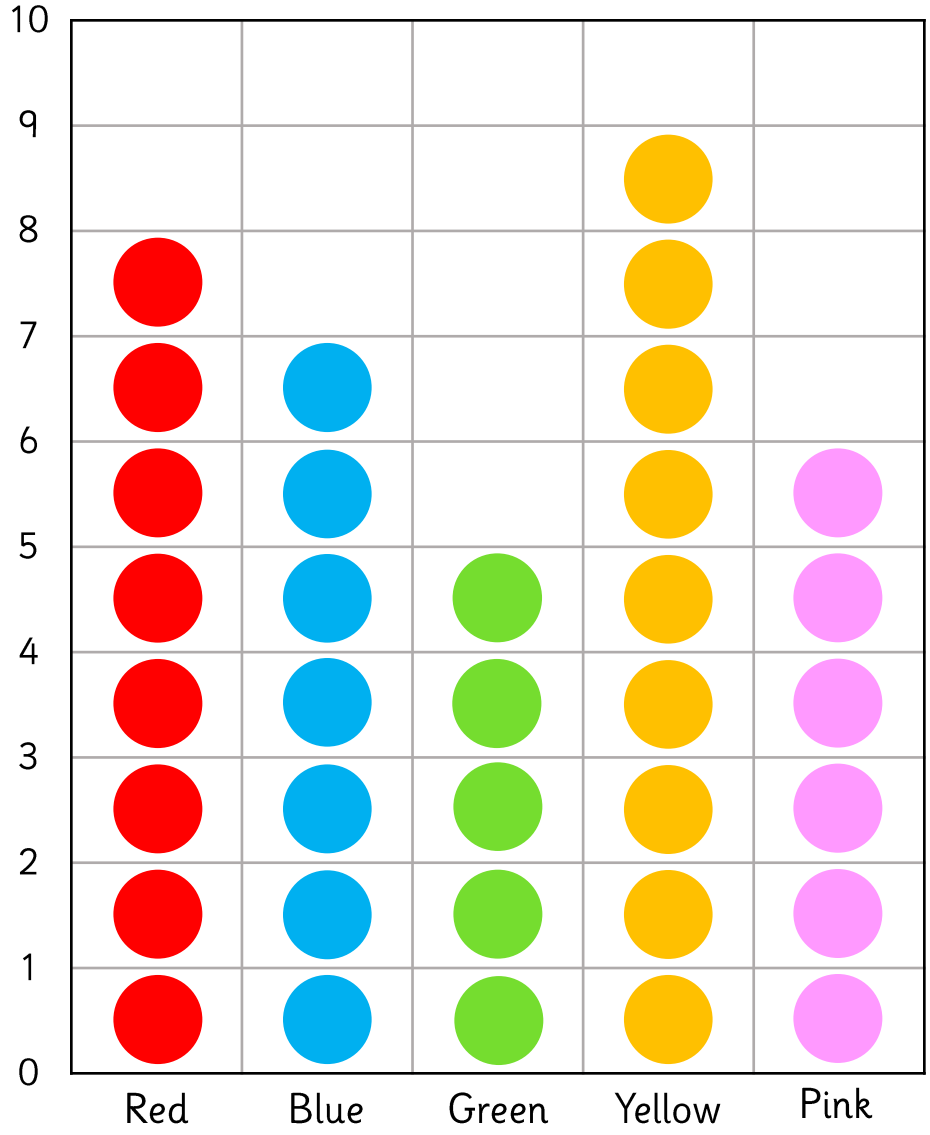
To represent 1 pet, a picture of half a square is used.

This pictogram has one symbol to represent 10 children.

Ways of Travelling to School



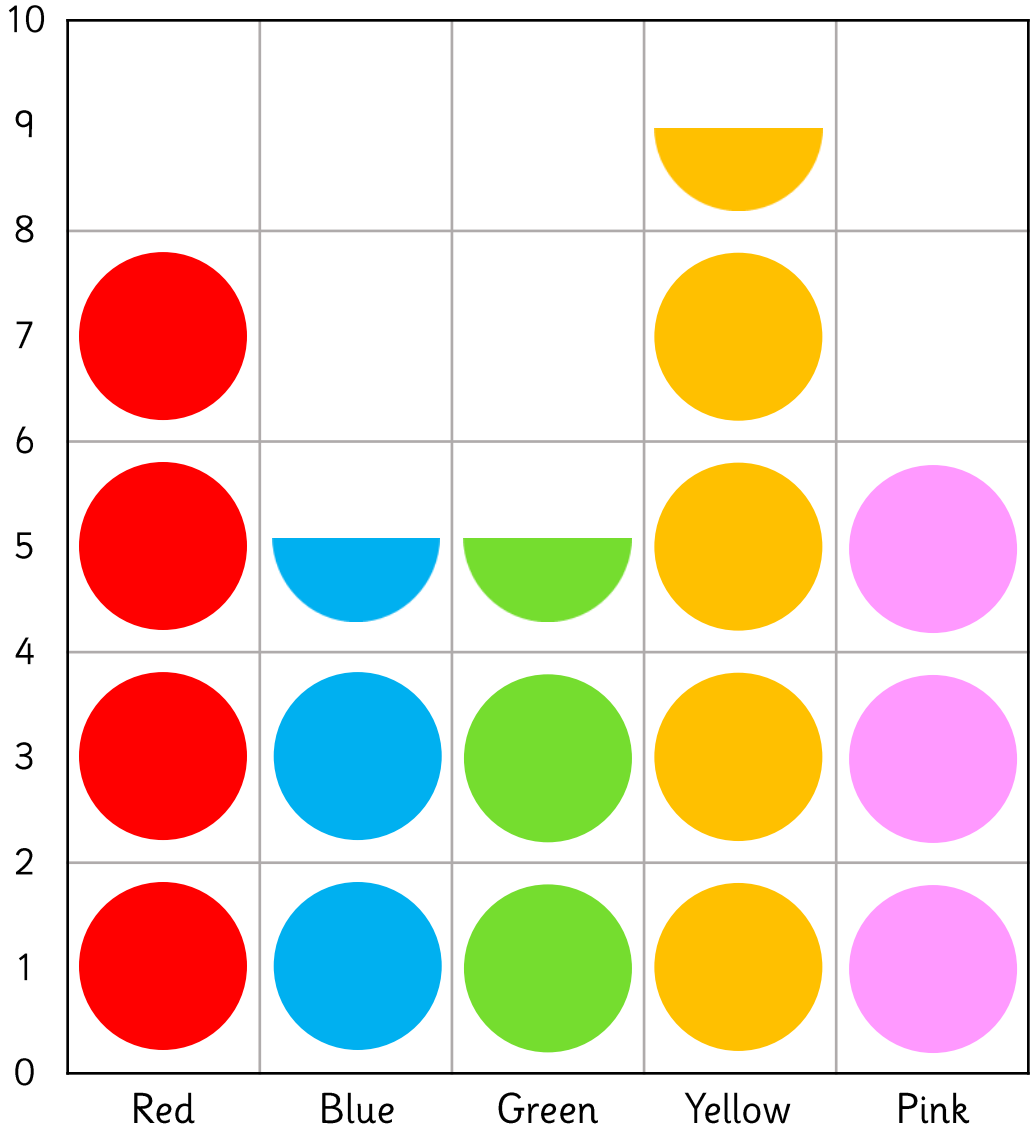
Favourite Colour



Here is a pictogram showing children's favourite colours.

Each circle represents 1 child's choice.

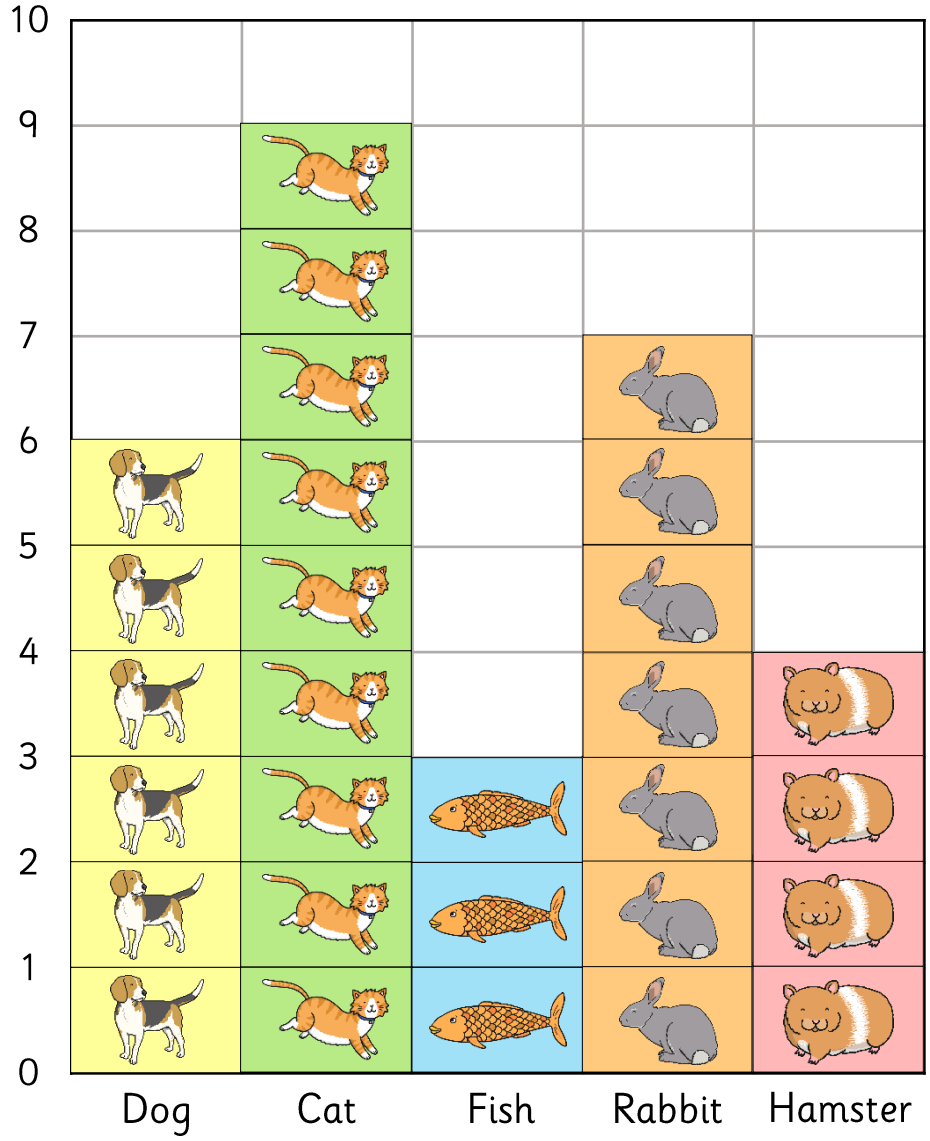
Favourite Colour



Here is the same pictogram with 1 circle representing 2 children's choices.

If there is an odd number, we use half a circle to mean 1 child.

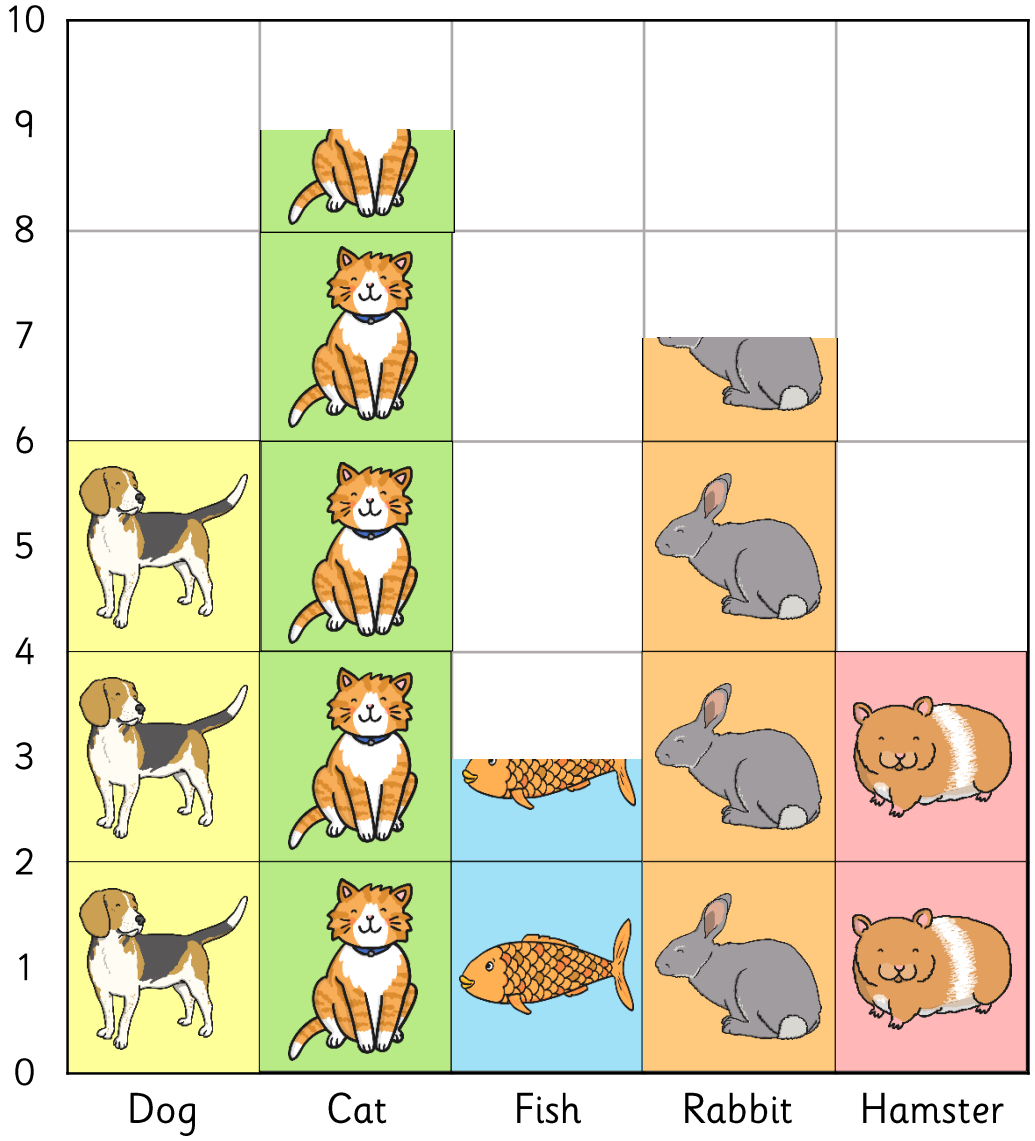
Class Pets



Here is a pictogram showing children's pets.

Each picture represents 1 pet.

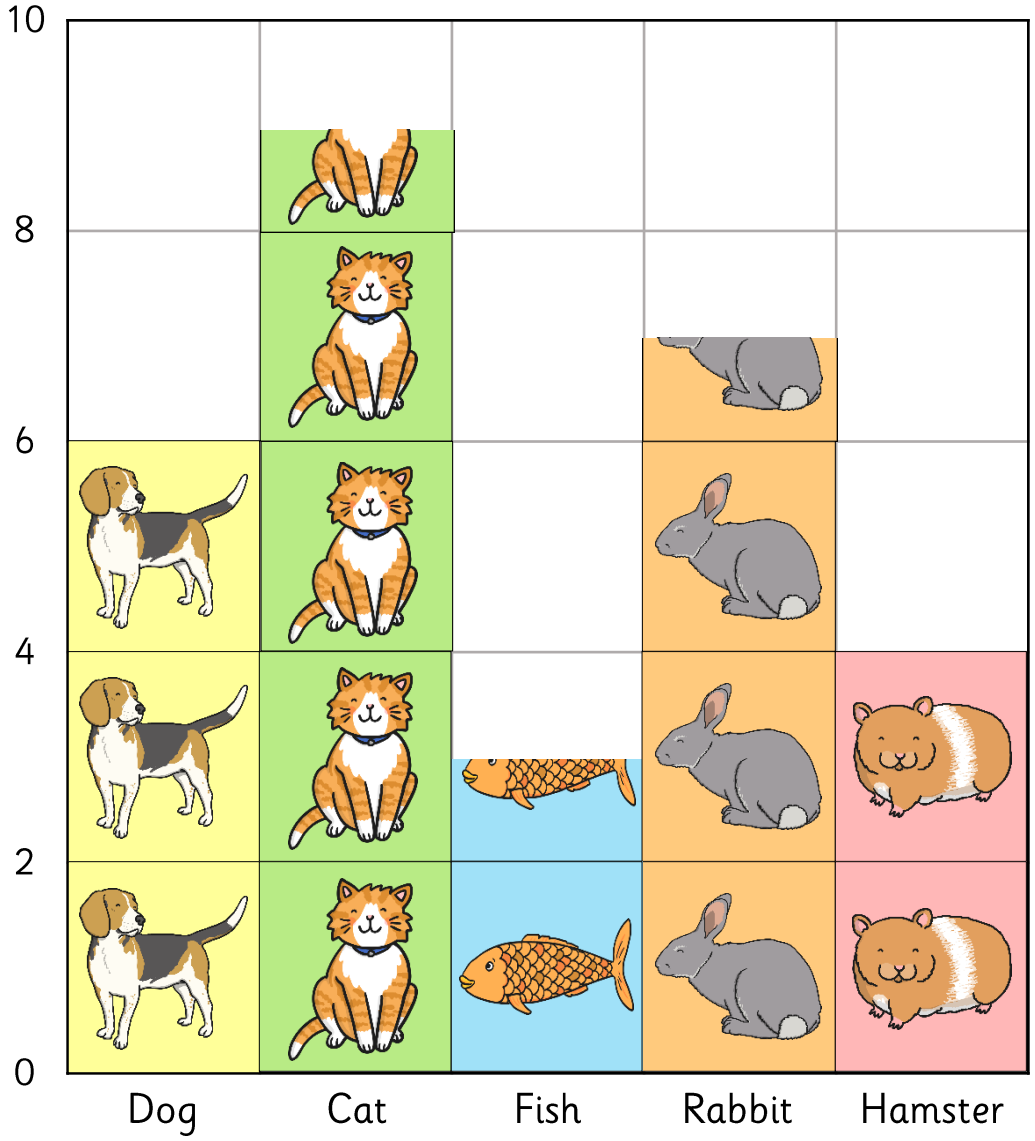
Class Pets



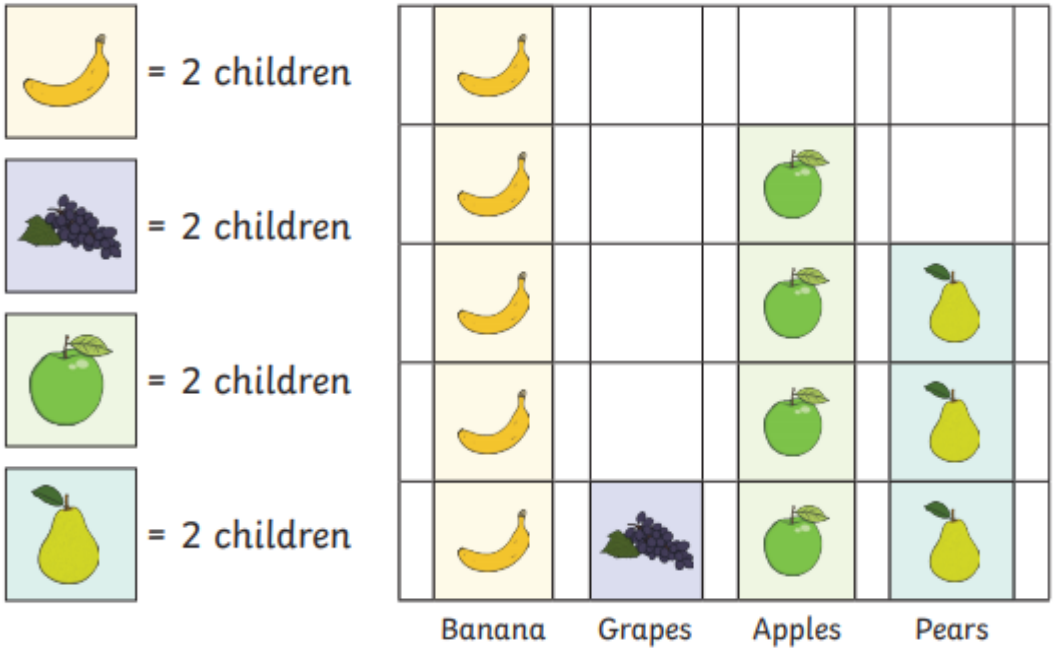
Here is the same pictogram with 1 picture representing 2 pets.

For odd numbers we can use half a picture to mean 1 pet.

Class Pets



Here is the same pictogram with the number scale changed to only show the even numbers.



Answer the following questions.

What is the favourite fruit? _____

How many children chose apples as their favourite fruit? _____

How many more children chose bananas than grapes, as their favourite fruit? _____

How many children chose apples or pears as their favourite fruit? _____

= 2 children

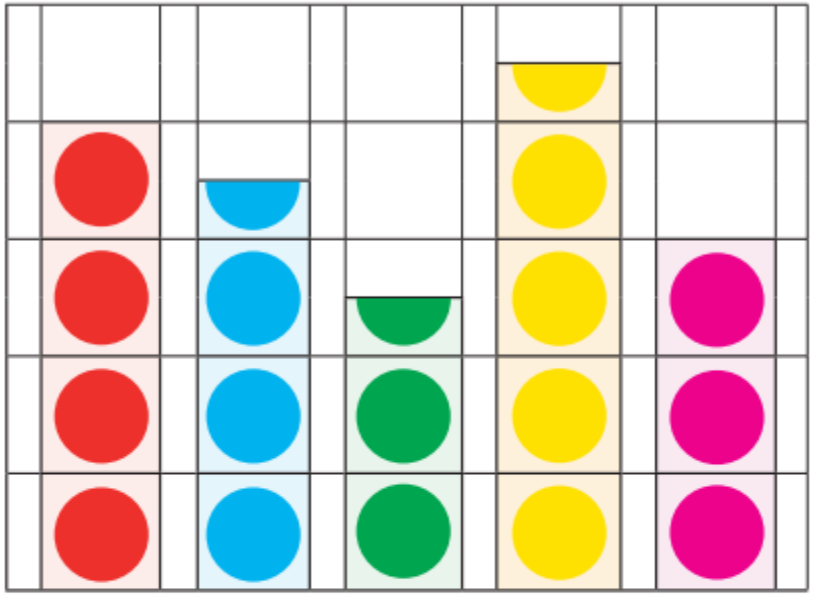
= 2 children

= 2 children

= 2 children

= 2 children

Favourite Colour



Answer the following questions.

What is the least favourite colour? _____

How many children chose yellow as their favourite colour? _____

How many fewer children chose green than blue as their favourite colour? _____

How many children chose pink and red as their favourite colour? _____

= 2 children

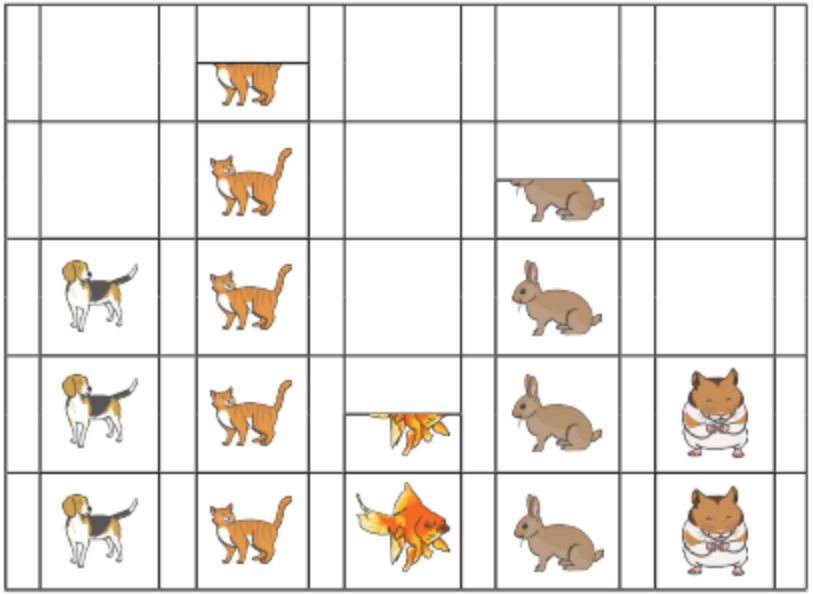
= 2 children

= 2 children

= 2 children

= 2 children

Class Pets



Answer the following questions.

Which is the most common pet? _____

How many pets are there in class? _____

How many more rabbits than hamsters are there? _____

How many fewer dogs than cats are there? _____

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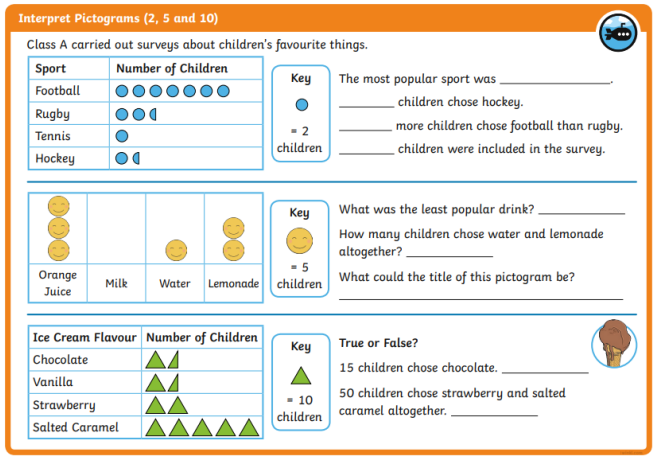
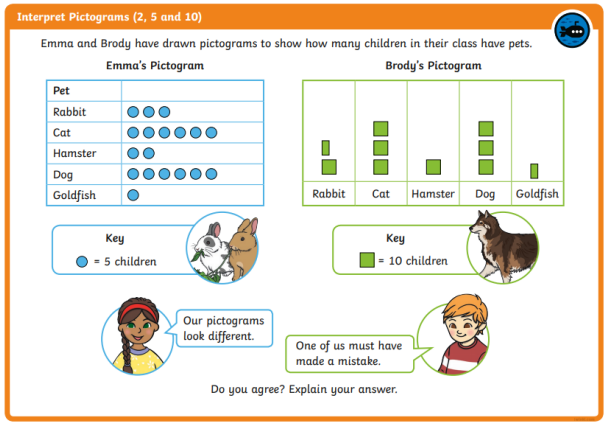
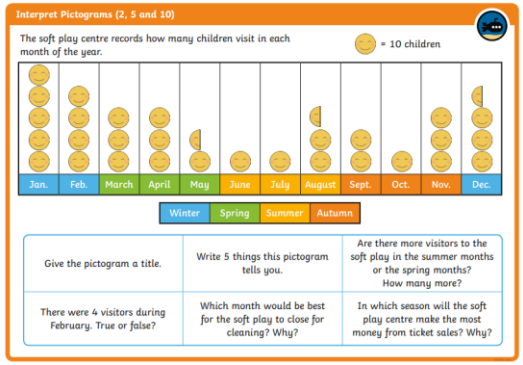
Activity

Now complete the interpreting pictogram work cards, remember to look carefully at the key and the scale.