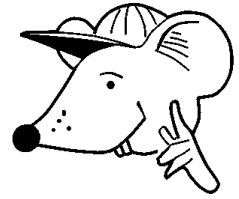


MATHEMATICS



N.S. Yr. 2 P.93

Collecting, sorting and organising information.

Equipment

Paper, pencil.
Bricks, counters, beads etc. useful.
Crayons.

MathSphere

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Concepts

In year two children will come across a wider range of graphs, both to record data and to gather information from.

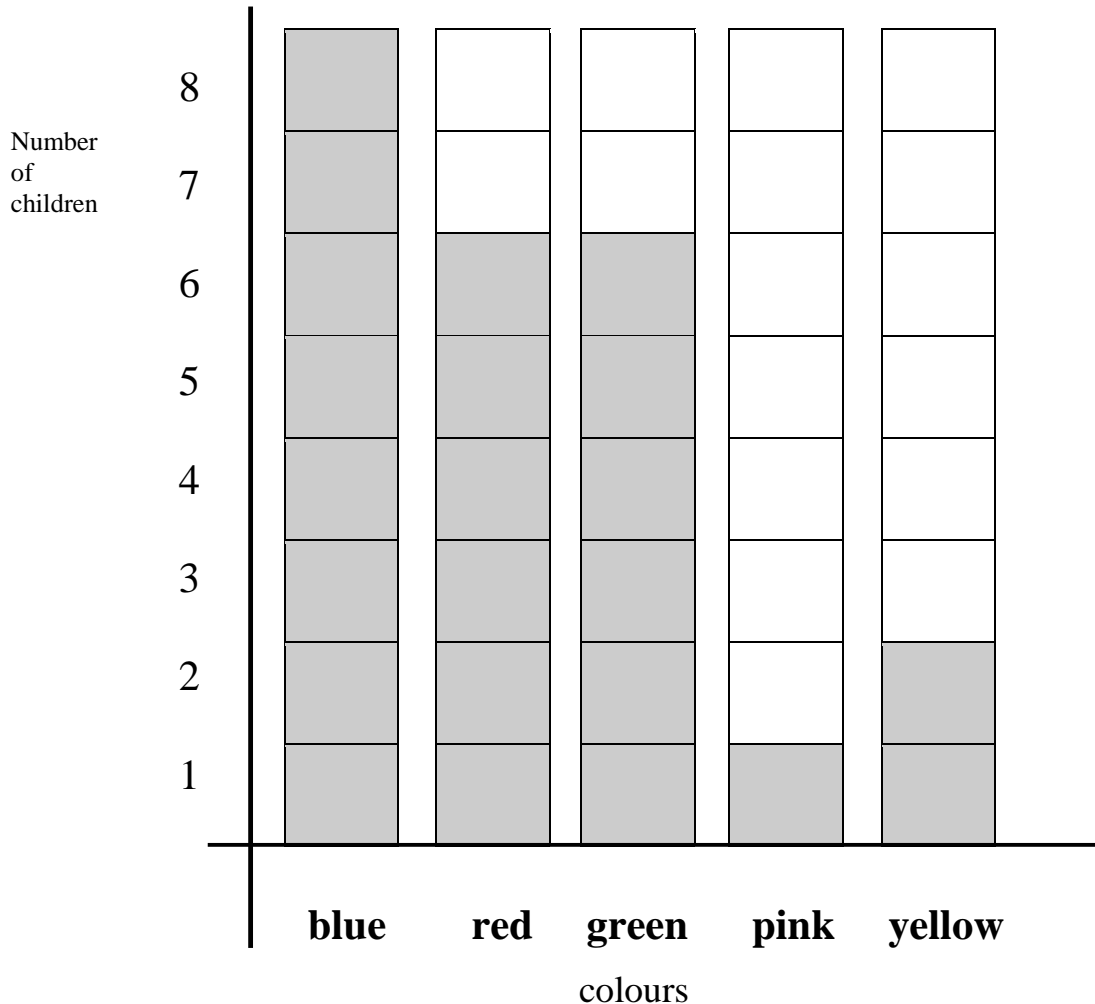
The most common graph they will work on is the block graph. It is important at this early age that they realise that graphs have to be labelled.

A block graph has each item separately 'blocked' whilst a bar chart, which they will meet more frequently in year 3 has the bar drawn up in one block or bar.

Simple pictograms, where the symbol represents one unit are also introduced in year 2.

Graph of favourite colours

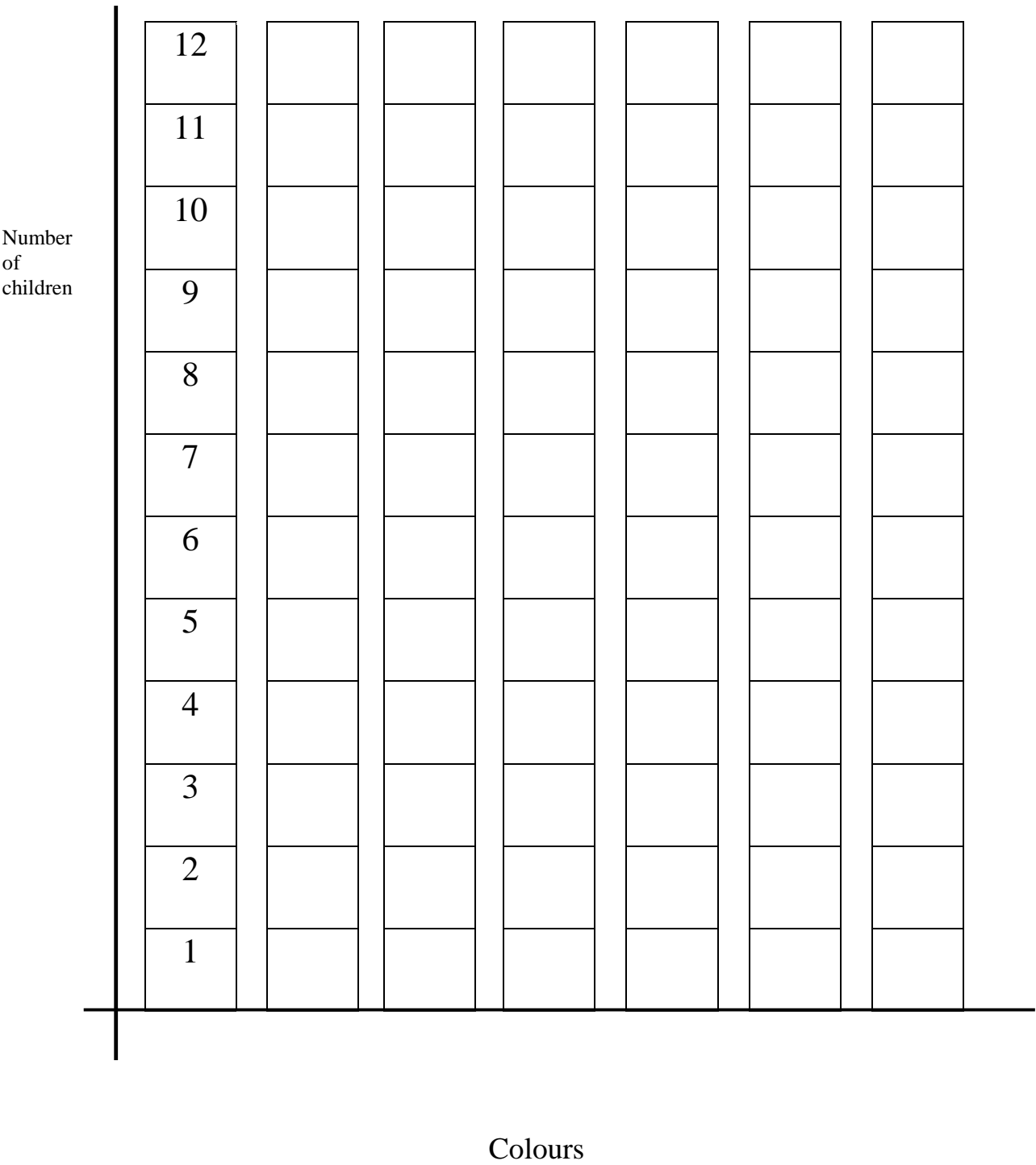
This block graph shows the favourite colours of a class of children.



1. How many children chose blue as their favourite colour?
2. How many children chose yellow?
3. Which two colours got the same number of votes?
4. Which colour only got one vote?
5. How many children voted altogether?

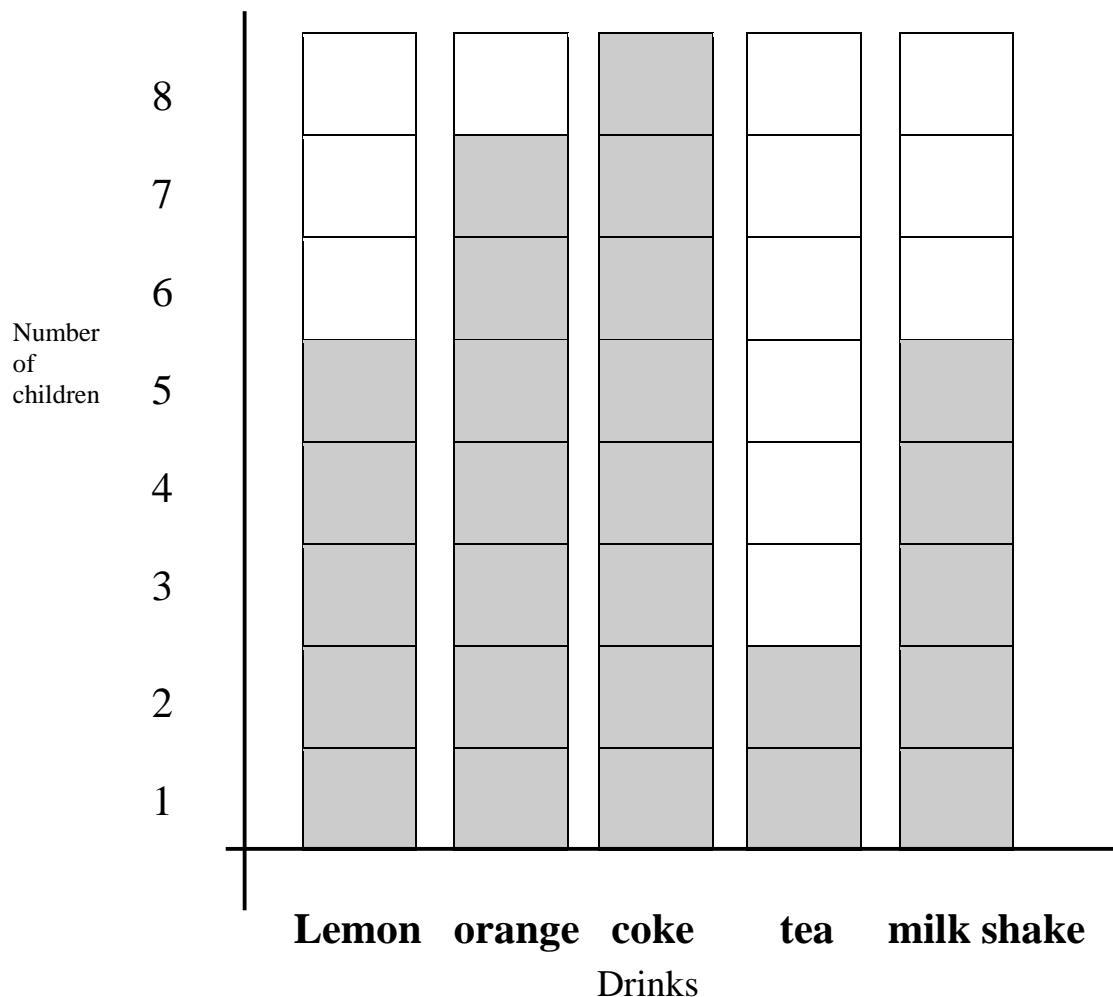
Graph of favourite colours

This block graph shows the favourite colours of



Graph of favourite drinks

This block graph shows class 2T's favourite drinks



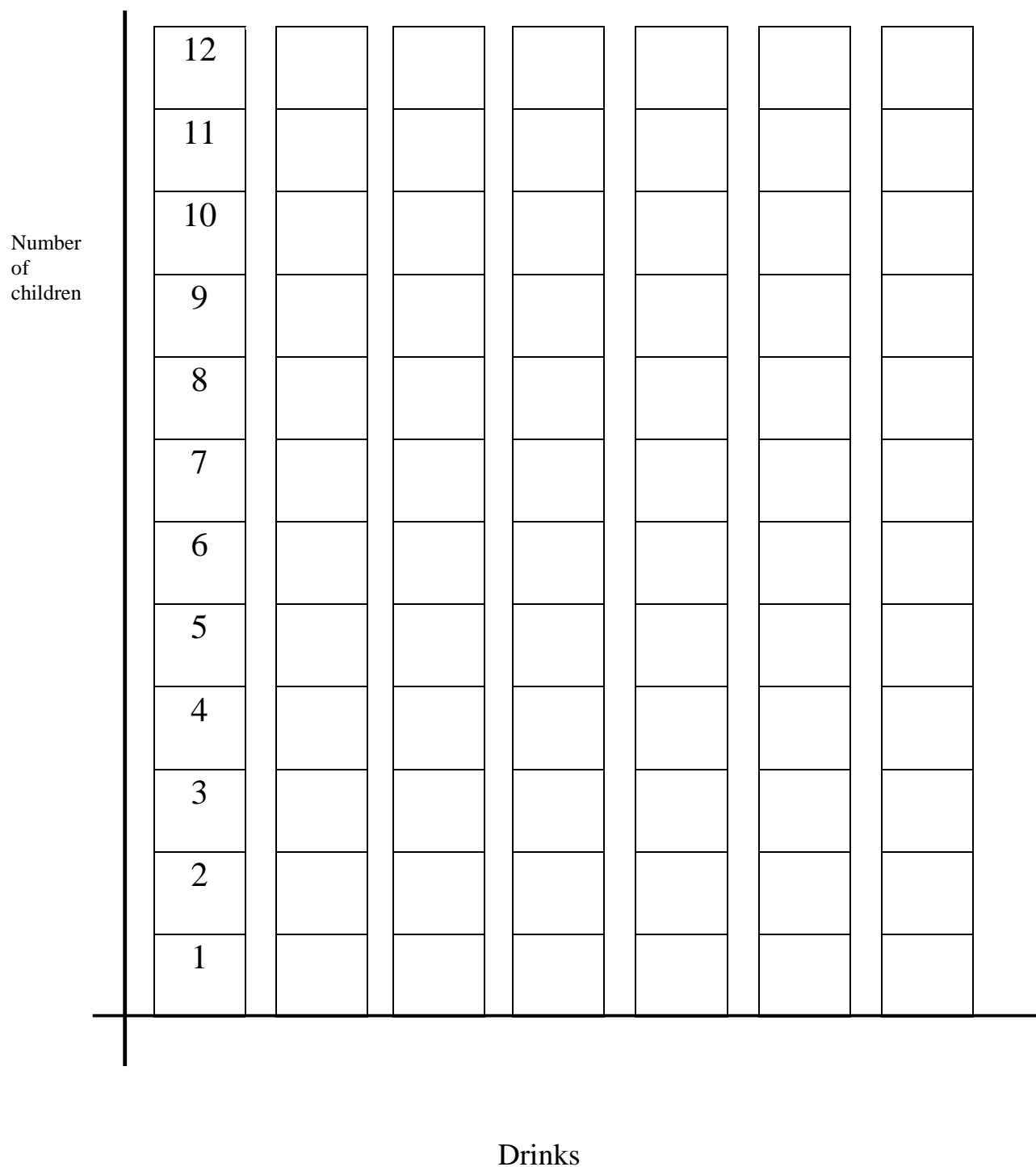
1. How many children chose orange?
2. How many children chose milk shake?
3. How many more chose coke than lemon?
4. Which drink was the least popular?
5. Which drink was the most popular?

I'd love a chocolate milk shake, please!



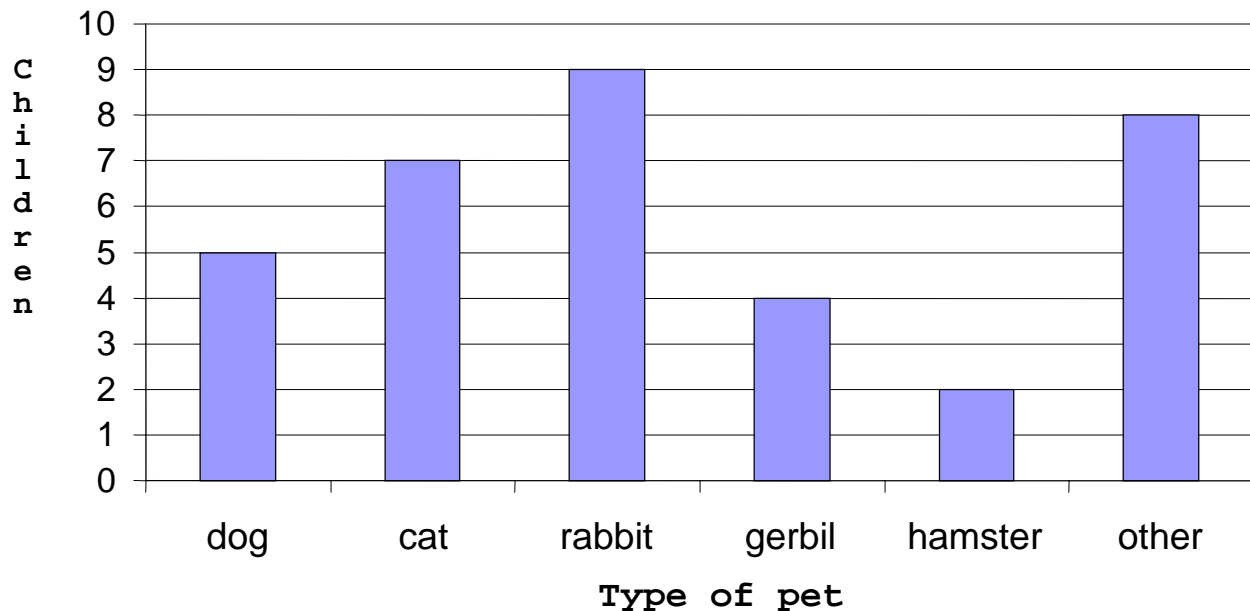
Graph of favourite drinks

This block graph shows the favourite drinks of



Graph of pets

This graph shows how many children in 2T have these pets.



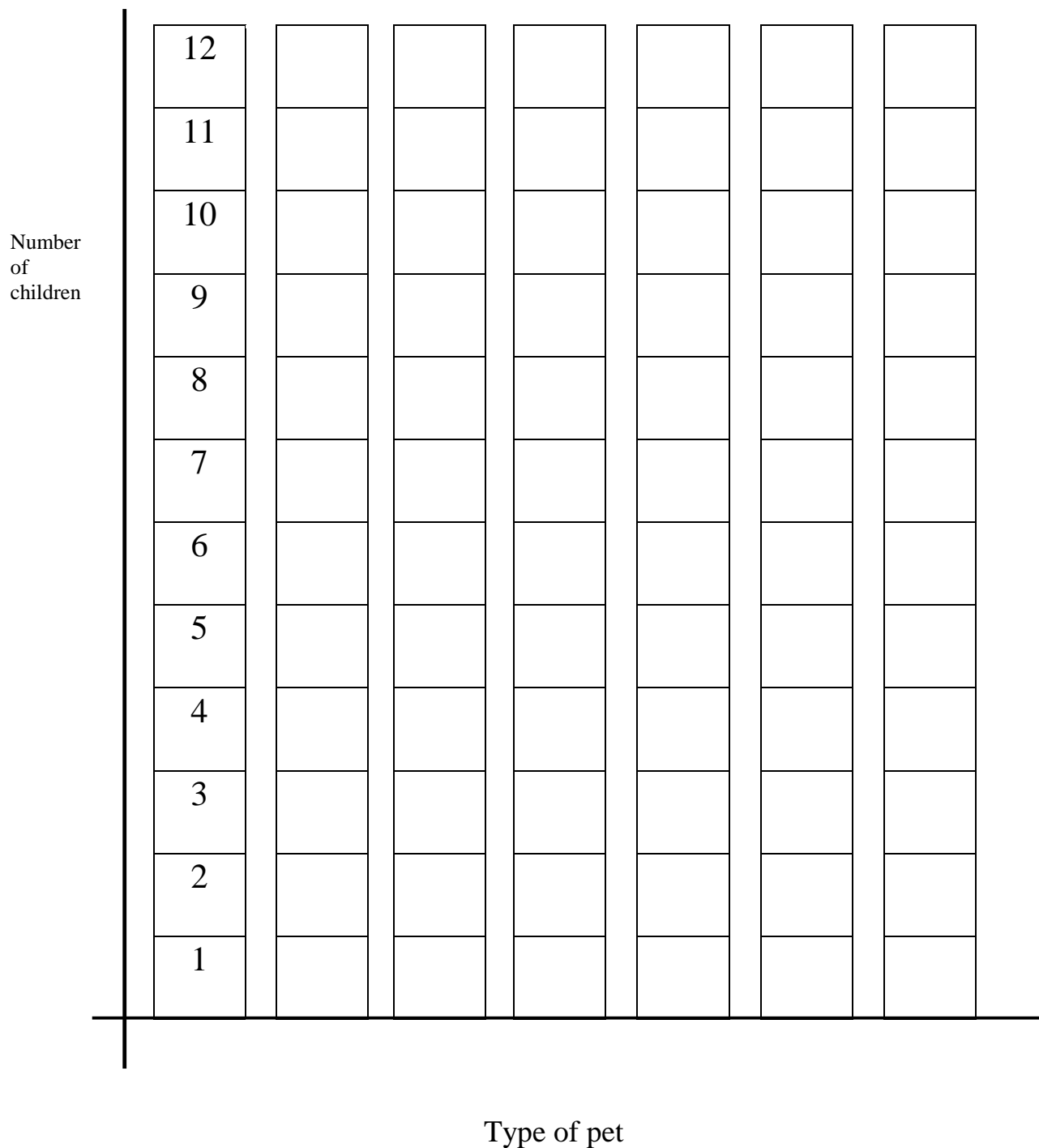
1. How many children have a cat?
2. How many children have a gerbil?
3. Which pet is the most popular?
4. What pets do you think might be in the 'other' bar?
5. How many more children have cats than dogs?
6. How many more children have rabbits than hamsters?
7. What pets do you have?

Me,
of course!

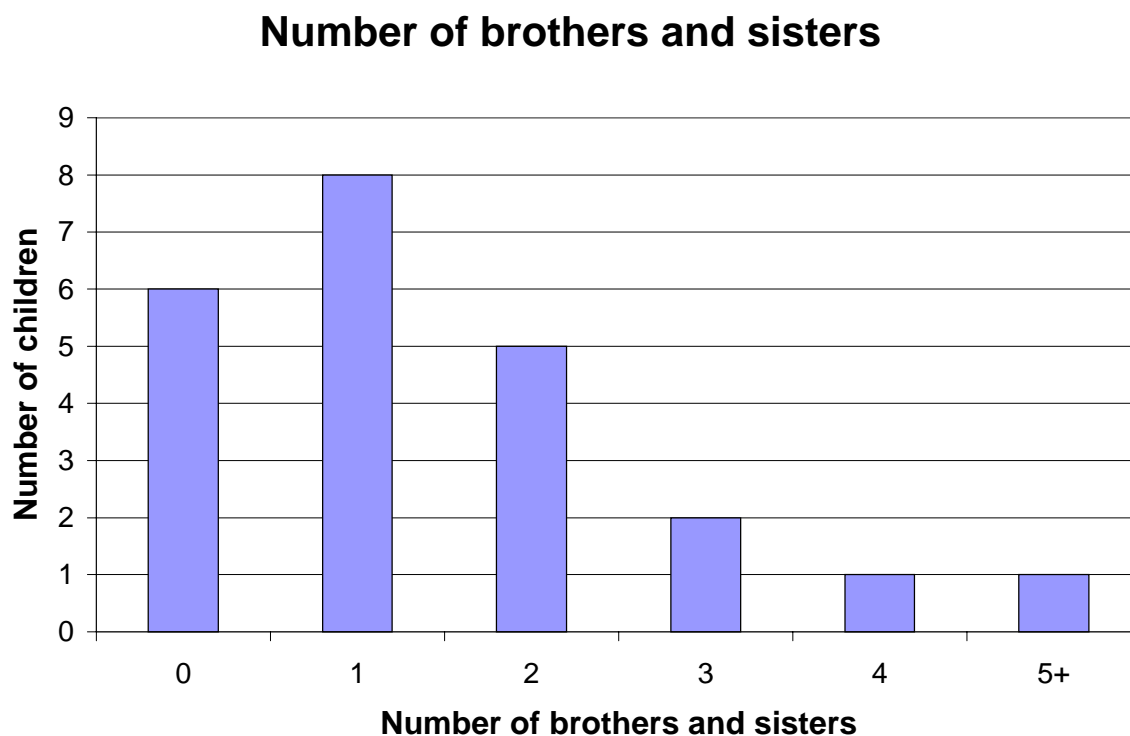


Graph of children's pets

This block graph shows how many children have these pets:



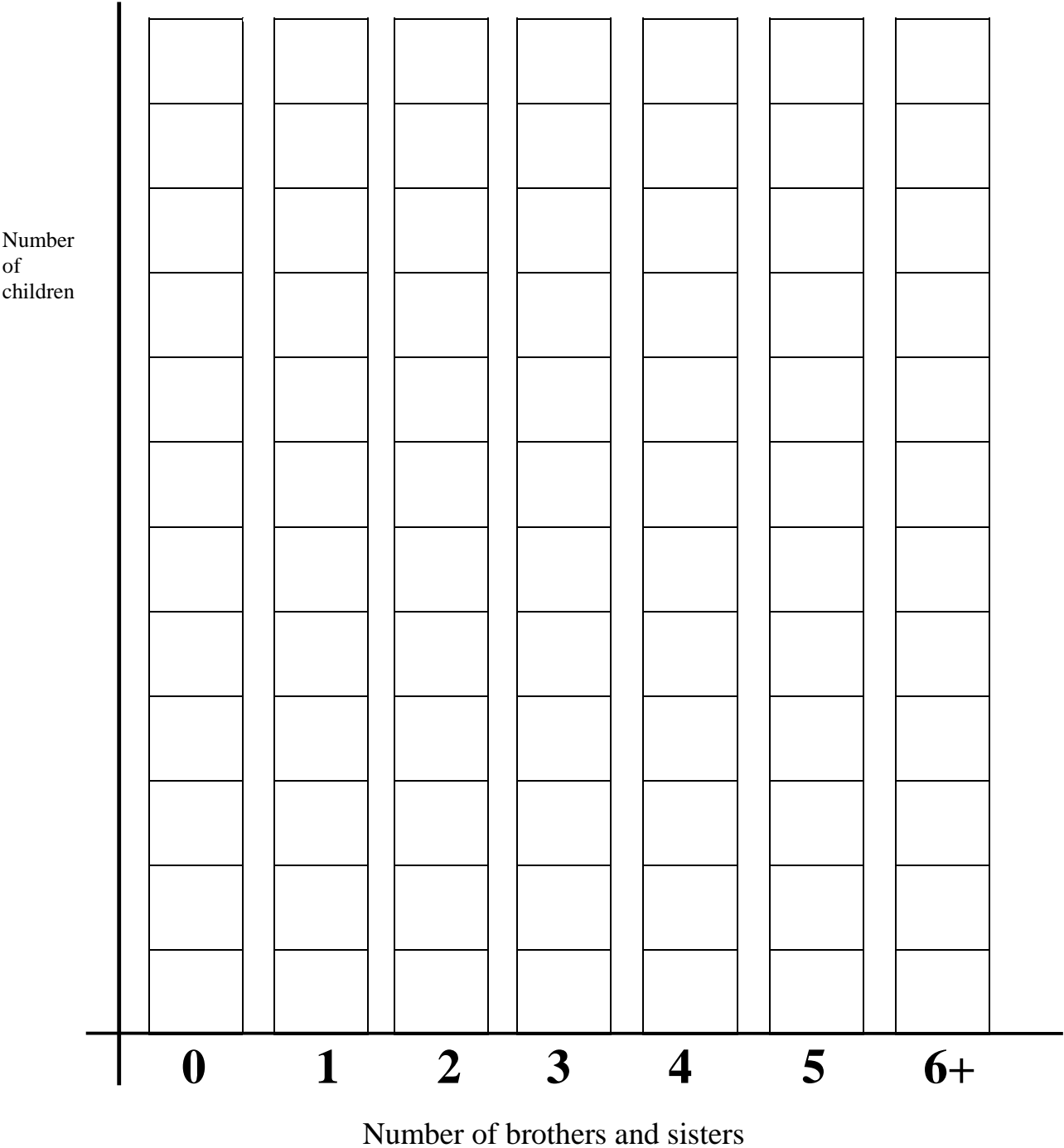
Class 2G were asked how many brothers and sisters they have. This graph shows the results:

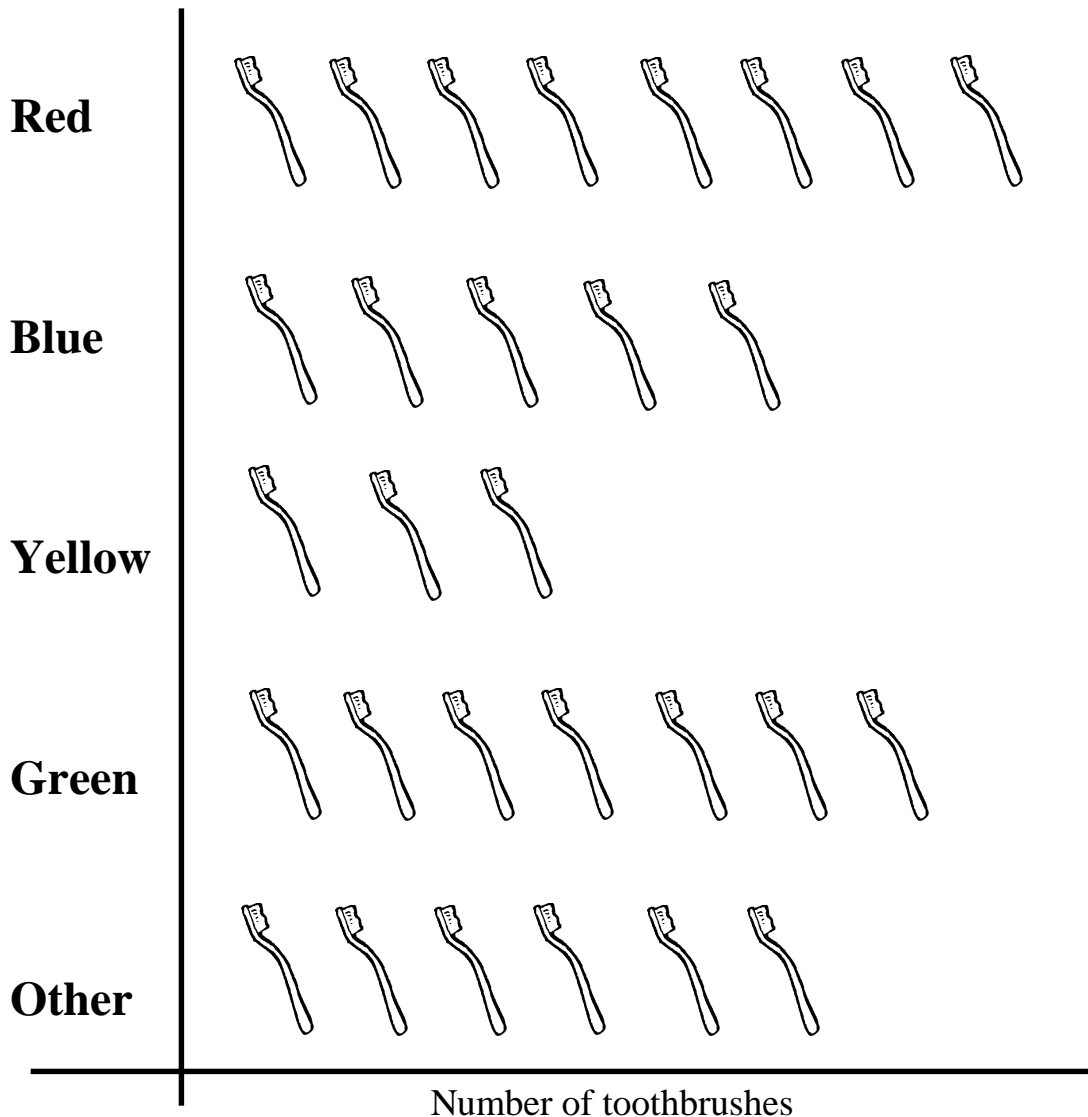


1. How many of the children have four brothers and sisters?
2. How many children have two brothers and sisters?
3. How many of class 2G do not have any brothers or sisters?
4. How many more children have one brother or sister than have three ?
5. How many children altogether have more than three brothers and sisters?
6. How many brothers and sisters would you like?

Graph of children's brothers and sisters

This block graph shows how many brothers and sisters children have
in:



The colour of 2B's toothbrushes

1. How many children have blue toothbrushes?
2. Which colour has 7 toothbrushes?
3. Which colour has less than 4 toothbrushes?
4. Which colour has one less than red?
5. What colours do you think would be included in the 'other' colours?

The colour of our toothbrushes

COLOURS

Number of toothbrushes

Answers**Page 3**

1. 8 2. 2 3. Red and green 4. Pink 5. 23

Page 5

1. 7 2. 5 3. 3 4. Tea 5. Coke

Page 7

1. 7 2. 4 3. Rabbit 4. Selection of pets 5. 2 6. 7

Page 9

1. 1 2. 5 3. 6 4. 6 5. 2

Page 11

1. 5 2. Green 3. Yellow 4. Green 5. Various colours