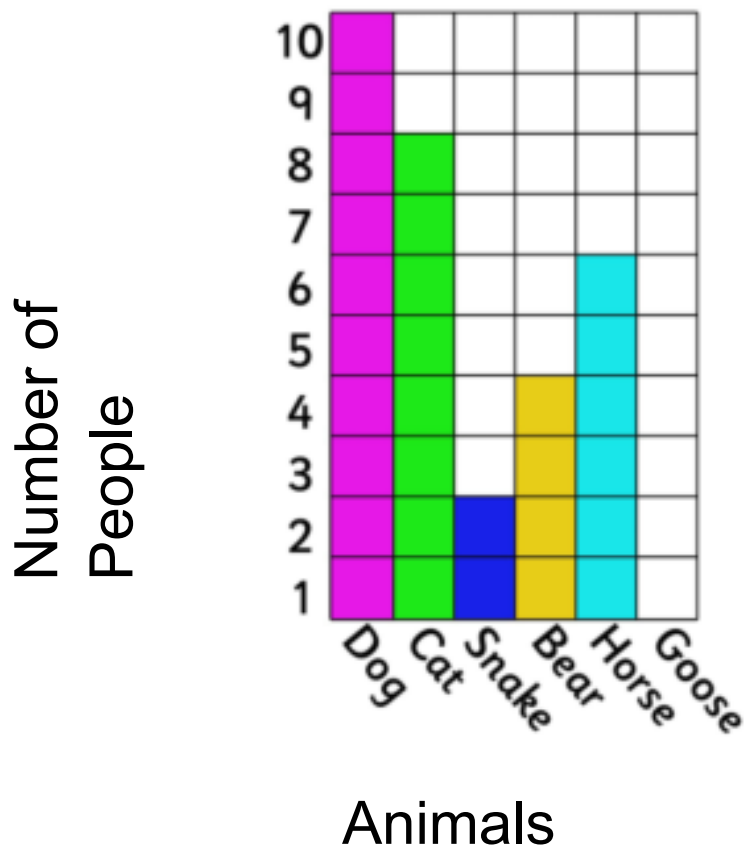


This is a block diagram.



Class 4 are collecting data about favourite colours.

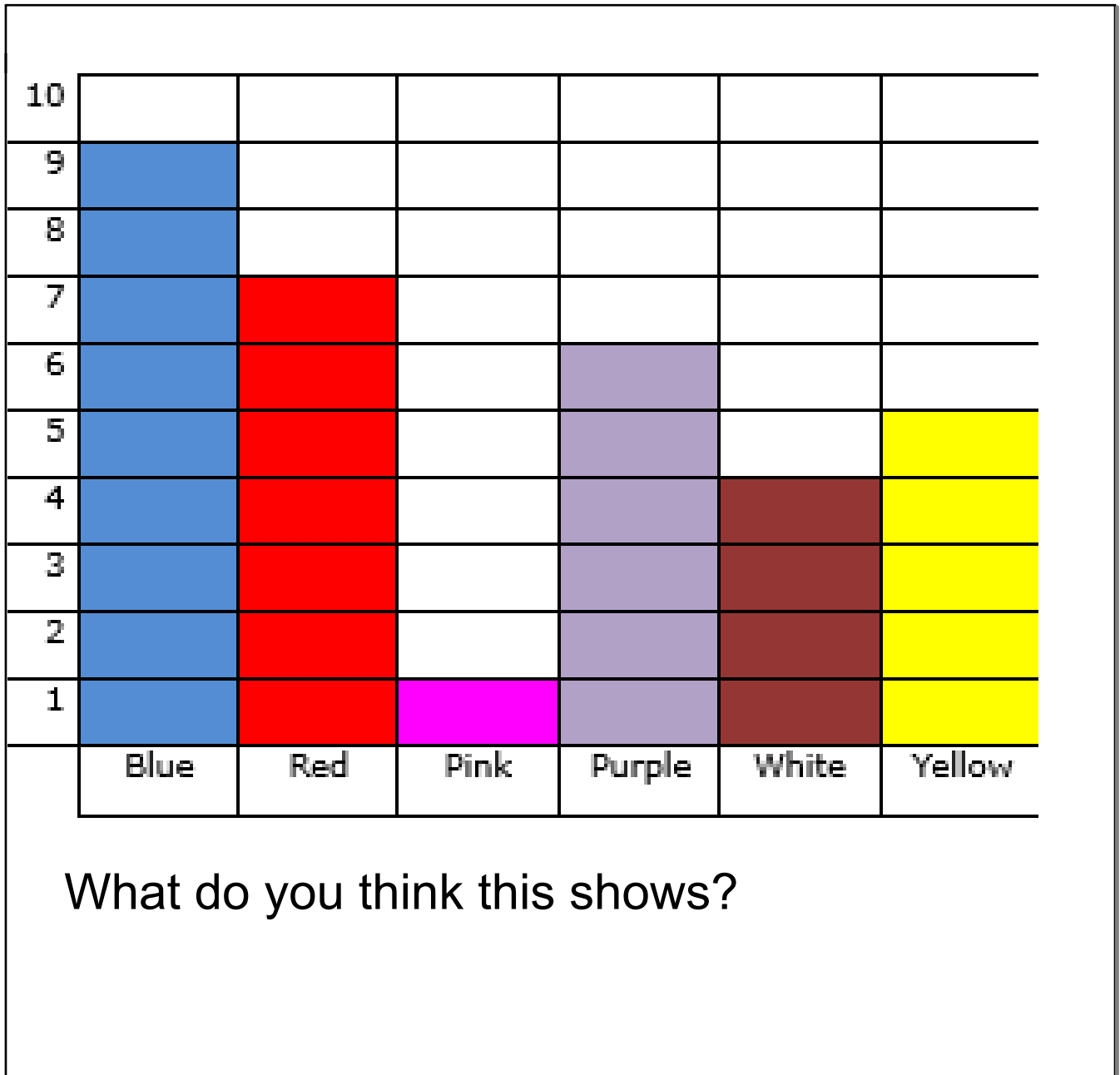
Colour	Number of children
Red	5
Green	8
Blue	7
Yellow	2

Make a block diagram using cubes to represent the data. Now draw the block diagram. What will the title be? Remember to label the blocks and draw a clear scale.

Number of
Children

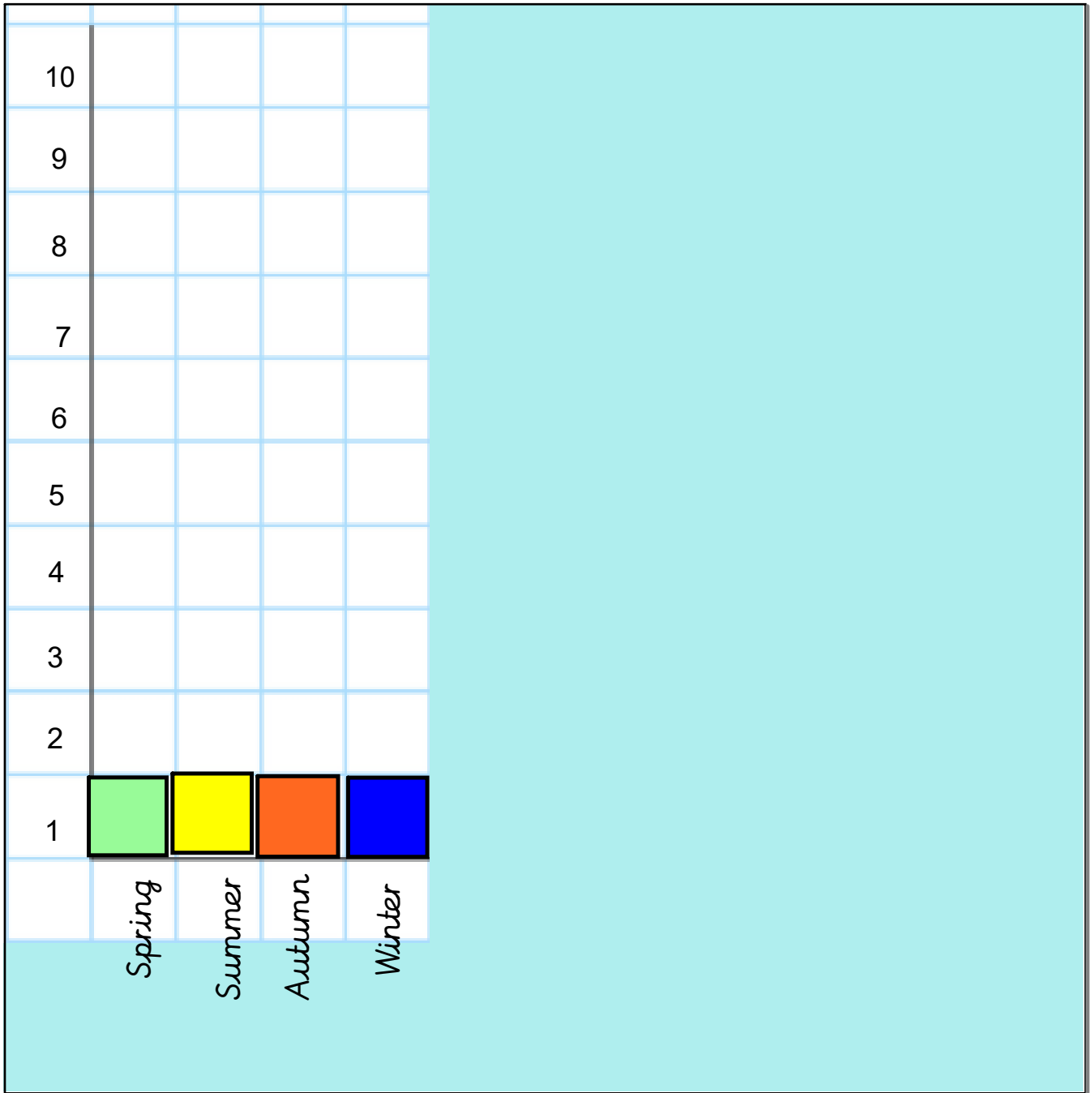
Red Green Blue Yellow

Colour



Which is your favourite season?

<i>Season</i>	<i>Number of children</i>
<i>Spring</i>	
<i>Summer</i>	
<i>Autumn</i>	
<i>Winter</i>	



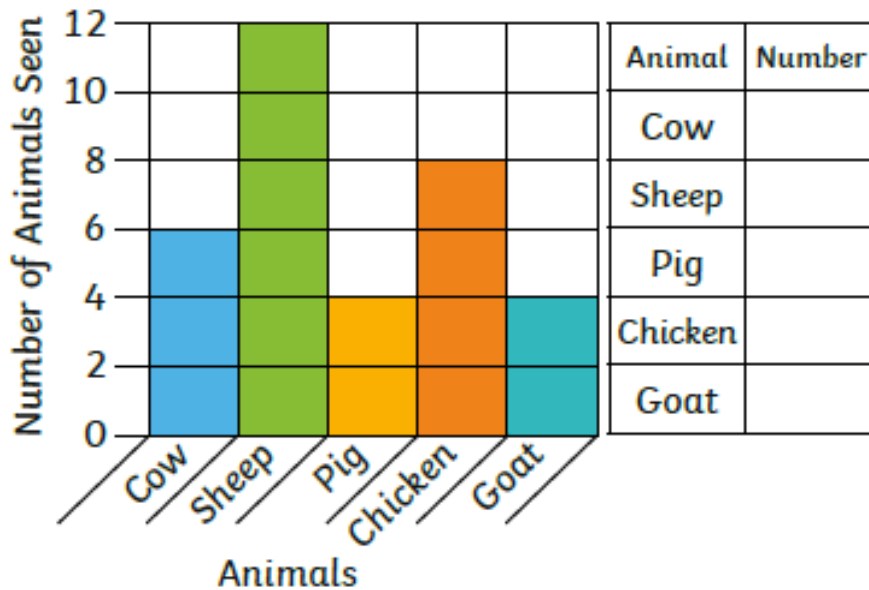
True or False?

More children prefer spring to summer.

The most popular season is summer.

The least popular season is autumn.

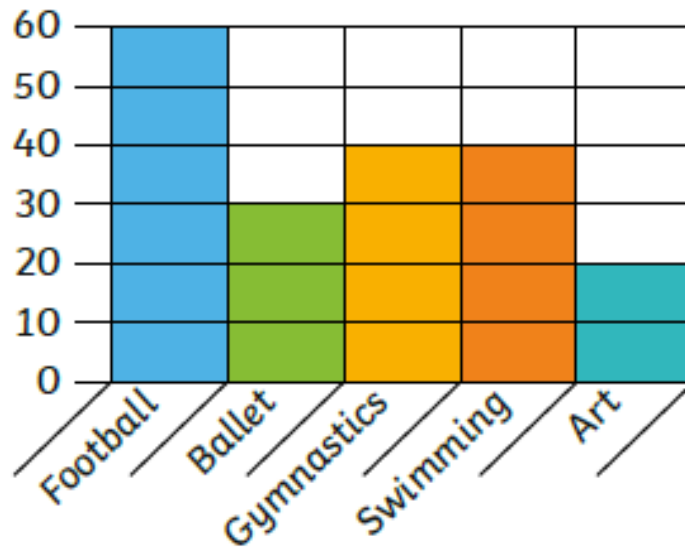
Class A went to the farm. They recorded how many farm animals they saw, using a block diagram.



Complete the table to show how many of each animal they saw.

- Which was the most common animal?
- How many more chickens than goats were there?
- How many fewer cows than sheep were there?
- Write a title for this block diagram.
- True or false? Class A saw 32 farm animals in total.

They recorded the data in this block diagram.



Amna and Bill are looking at the block diagram.

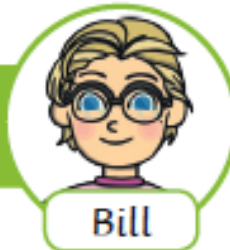


Amna

To find out how many children were asked altogether, I need to count all the blocks. 19 children were asked.

Do you agree with Amna and Bill?
Explain your reasons.

Swimming is twice as popular as art.



Bill

Here are three tables of data.
 Which set of data could you display using the block graph?
 Which could use the pictogram?
 Which could use the tally chart?
 Explain your reasoning.

Data Set 1

Team	Goals scored
A	20
B	32
C	27
D	16

Data Set 2

Player	Points
1	20
2	65
3	80
4	45

Data Set 3

Name	Score
Ron	20
Eva	12
Amir	6
Mo	16

