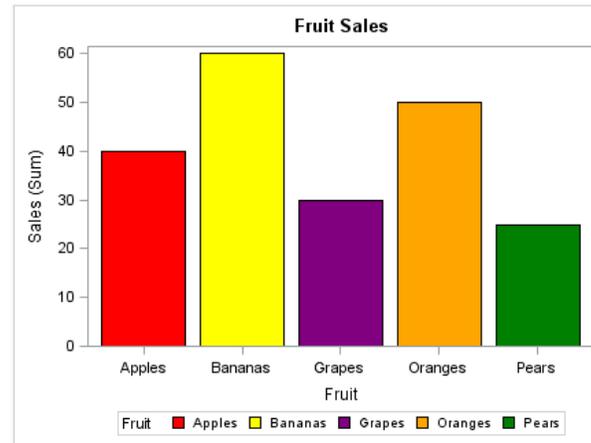


RECALL

MATCH UP THE CHART WITH ITS CORRECT NAME!

Method of Travelling	Number of children
Walking	8
Car	9
Bus	4
Cycle	5
Train	1
Taxi	3



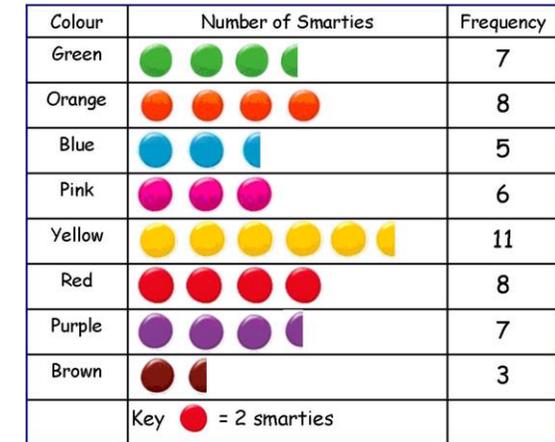
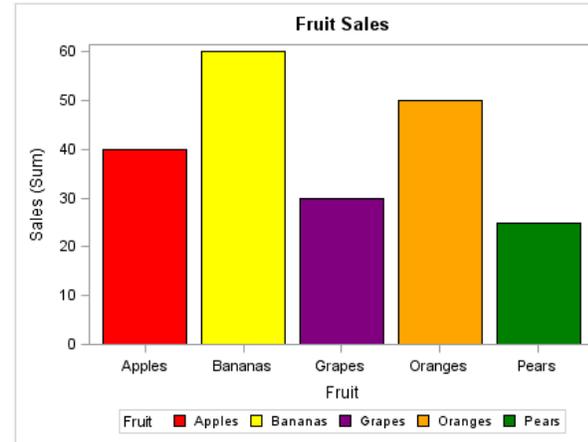
Colour	Number of Smarties	Frequency
Green		7
Orange		8
Blue		5
Pink		6
Yellow		11
Red		8
Purple		7
Brown		3
	Key = 2 smarties	

Bar chart

Pictogram

Table

Method of Travelling	Number of children
Walking	8
Car	9
Bus	4
Cycle	5
Train	1
Taxi	3



Table

Bar chart

Pictogram

L.O. TO PRESENT DATA IN 3
DIFFERENT WAYS.

What we are learning- How to present data in charts and what the charts show us about the data.

What we are doing- Drawing different types of charts with different scales and answering questions about the data in the charts.



SOME WILL EVEN reason and solve problems to do with data and charts.

SOME WILL decide on the most suitable scale for a bar chart.

MOST WILL find information from different types of charts.

ALL WILL draw different types of charts.



Today we are going to continue learning about charts. For the intelligent practice, you may want to use your guided practise from Monday's lesson to help.

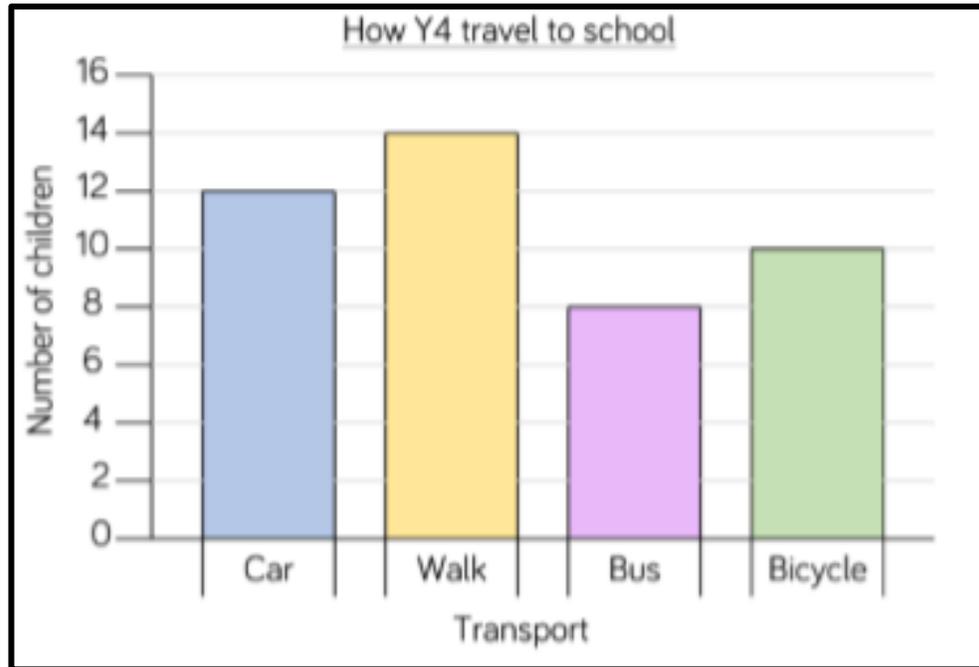
GUIDED PRACTICE

Draw a bar chart that represents the data in this table.

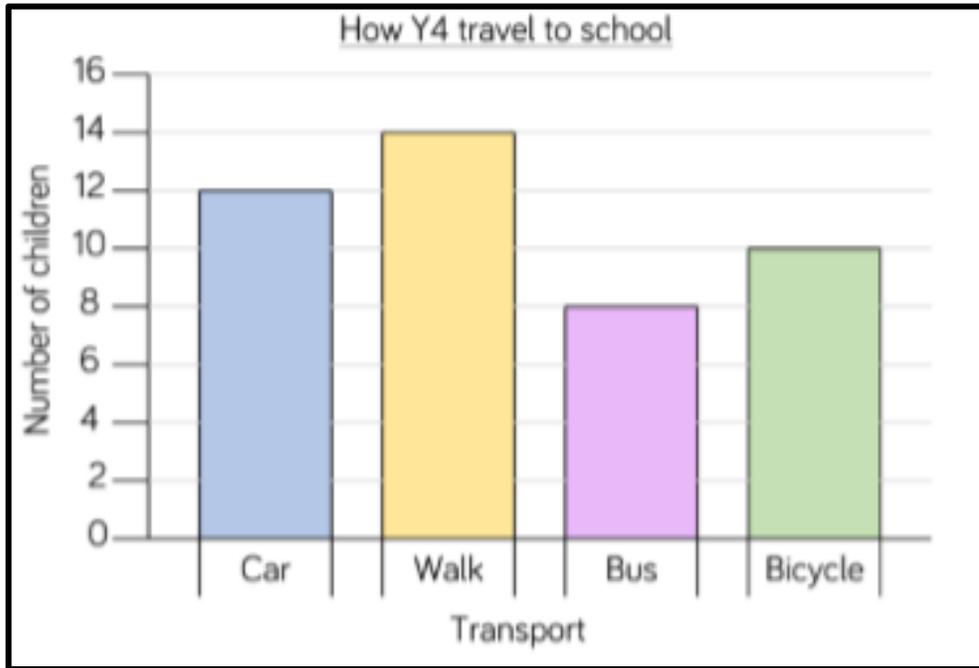
Chilli 1

Transport	Number of children
Car	12
Walk	14
Bus	8
Bicycle	10

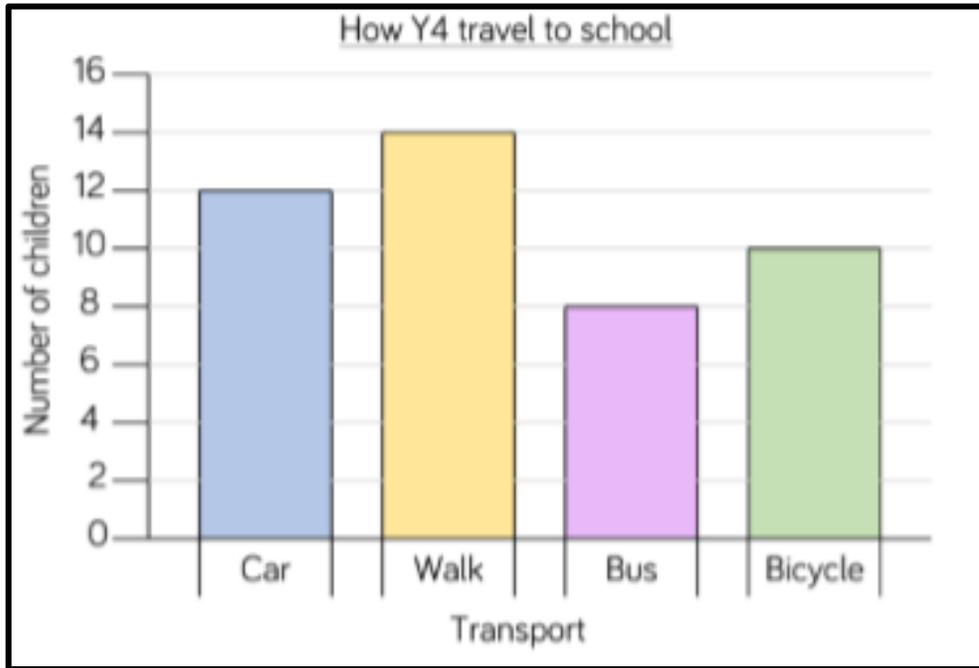
Chilli 1 answers



INTELLIGENT PRACTICE



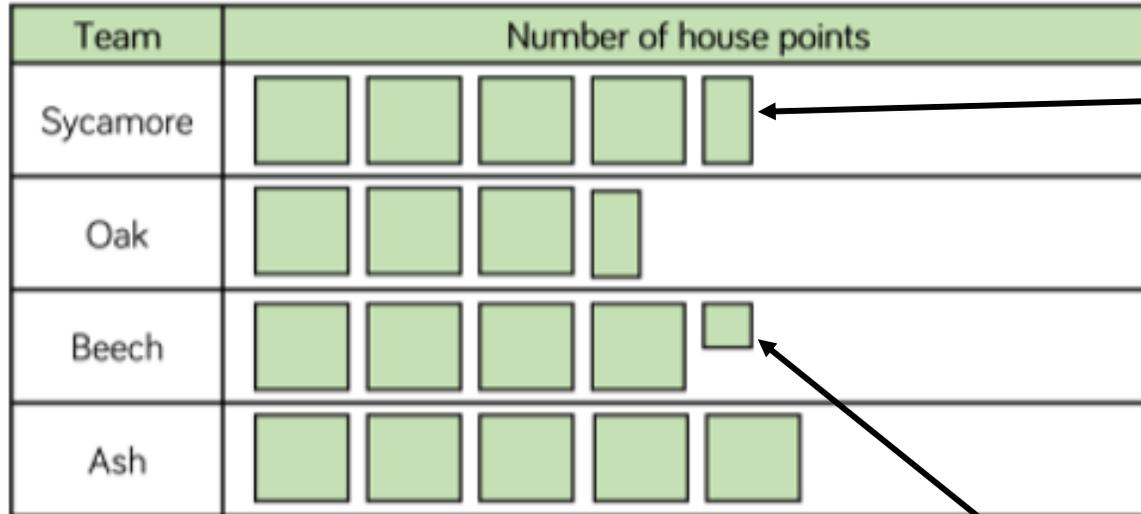
1. What is the least popular form of transport?
2. What is the most popular form of transport?
3. How many more children walked to school than took the bus?
4. What is the sum of the children that came to school in a car and on a bike?
5. How many children are in the year 4 class?



1. What is the least popular form of transport? **Bus**
2. What is the most popular form of transport? **Walking**
3. How many more children walked to school than took the bus? **6**
4. What is the sum of the children that came to school in a car and on a bike? **22**
5. How many children are in the year 4 class? **44**

Draw a bar chart to represent the data in this pictogram.

Chilli 3



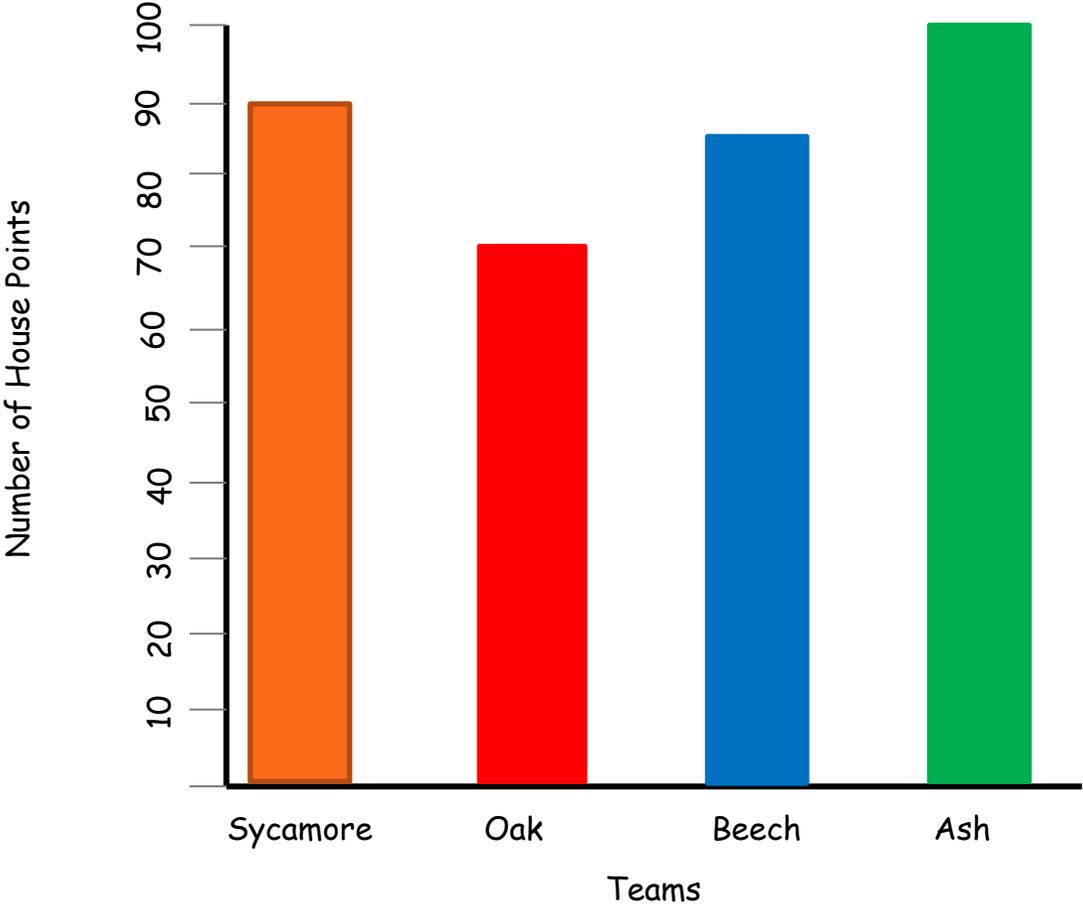
 = 20 points

Half a square = ?

Think about the scale you need to use in your bar chart. There are a lot of house points, so do you think each line on your bar chart needs to represent a great or small amount of house points?

Quarter of a square = ?

House Points



Chilli 3 answers



INTELLIGENT PRACTICE

DIVE DEEPER

Alex wants to use a pictogram to represent the favourite drinks of everyone in her class.



I will use this image  to represent 5 children.

Explain why this is not a good idea.

Here is some information about the number of tickets sold for a concert.

Day	Number of tickets sold
Monday	55
Tuesday	30
Wednesday	45
Thursday	75
Friday	85

Jack starts to create a bar chart to represent the number of concert tickets sold during the week.



What advice would you give Jack about the scale he has chosen?

What would be a better scale to use?

Is there anything else missing from the bar chart?

DIVE DEEPER

Alex wants to use a pictogram to represent the favourite drinks of everyone in her class.



I will use this image  to represent 5 children.

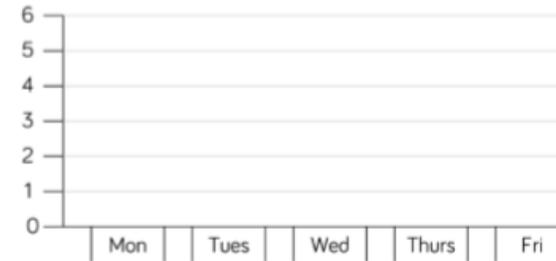
Explain why this is not a good idea.

It is not a good idea, because it would be difficult to show amounts which are not multiples of 5

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Day	Number of tickets sold
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Jack starts to create a bar chart to represent the number of concert tickets sold during the week.



What advice would you give Jack about the scale he has chosen?

What would be a better scale to use?

Is there anything else missing from the bar chart?

Possible response: I would tell Jack to use a different scale for his bar chart because the numbers in the table are quite large.

The scale could go up in 5s because the numbers are all multiples of 5 Jack needs to record the title and he needs to label the axes.