

Can I interpret charts? (Y4)

Reasoning and problem solving


This page does not need to be printed. Write the short date you do the work and the above question in your maths book.

- 1) Halifax City Football Club sold the following number of season tickets:
- Male adults – 6,382
 - Female adults – 5,850
 - Boys – 3,209
 - Girls – 5,057

Would you use a bar chart, table or pictogram to represent this data?
Explain why.

- 2) 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.

- 3) 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?

Answers are on the next page.

Interpret Charts

Reasoning and Problem Solving

Halifax City Football Club sold the following number of season tickets:


- Male adults – 6,382
- Female adults – 5,850
- Boys – 3,209
- Girls – 5,057

Would you use a bar chart, table or pictogram to represent this data? Explain why.

Possible answer:
I would represent the data in a table because it would be difficult to show the exact numbers accurately in a pictogram or bar chart.

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

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?

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.