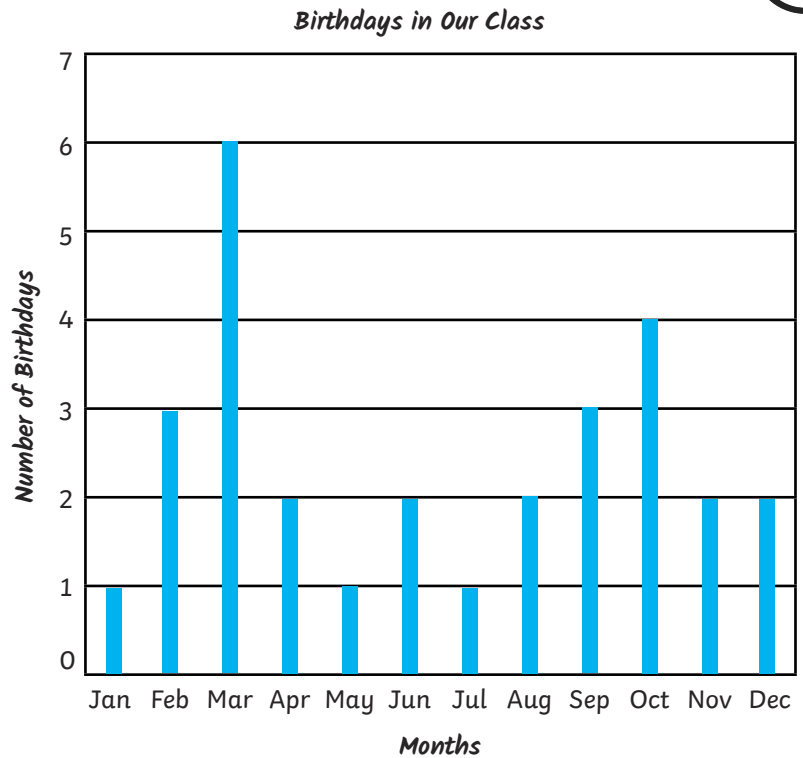




- 1) Here is a table and a bar chart showing the number of birthdays in each month of the year in a class of 29 children. Some results are missing. Fill in or draw on the missing results and label the axes.

Month	Number of Children
January	1
February	3
March	6
April	2
May	1
June	2
July	1
August	2
September	3
October	4
November	2
December	2
Total	29



- 1) Amir wants to present the birthdays of everyone in his school. Should he use a table, bar chart or pictogram to record this information? Explain why.



Answers may vary but explanations could include: Pictograms may be unclear with higher numbers. A bar chart as lots of information can be recorded.

- 2) On squared paper, record the birthdays in Amir's school using your chosen method. Remember you will need to show boys and girls on the chart together. *Children should demonstrate separate coloured bars or pictorial representations for boys and girls.*

- 1) Carla has drawn this pictogram to show the days of the week when children in her school had birthday parties. How could she improve her pictogram?



Answers could include: clearer headings; a title; much clearer pictures; a key showing how many children each picture represents.

- 2) This graph shows the number of children in year 5 and 6 who had a cake for their birthday.
- How many children are there in year 5? **29**
 - How many children did not have a birthday cake? **20**
 - How many more children had a cake than didn't? **19**
 - Write two of your own questions that can be answered using this bar chart: **Multiple answers possible.**
 - Write a question, about the children's birthday cakes in year 5 and 6, that you could not answer just from looking at this bar chart. **Multiple answers possible.**