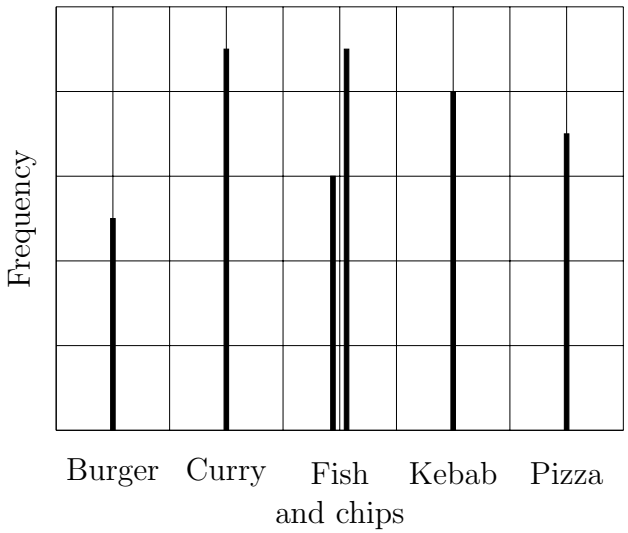
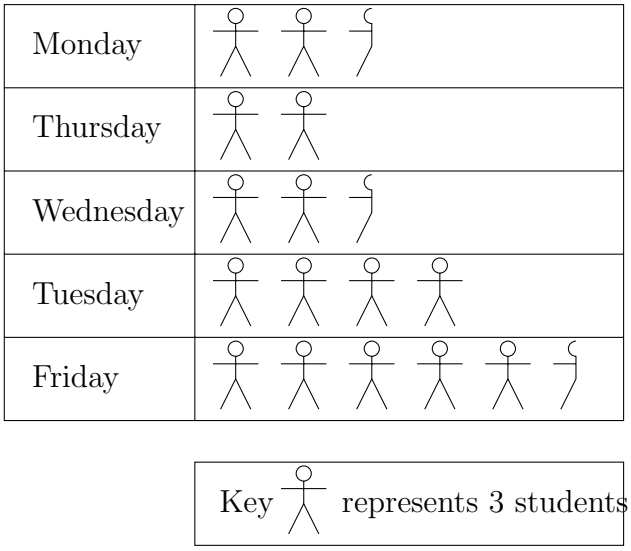
1. This line graph shows some students on their last take-away meal.



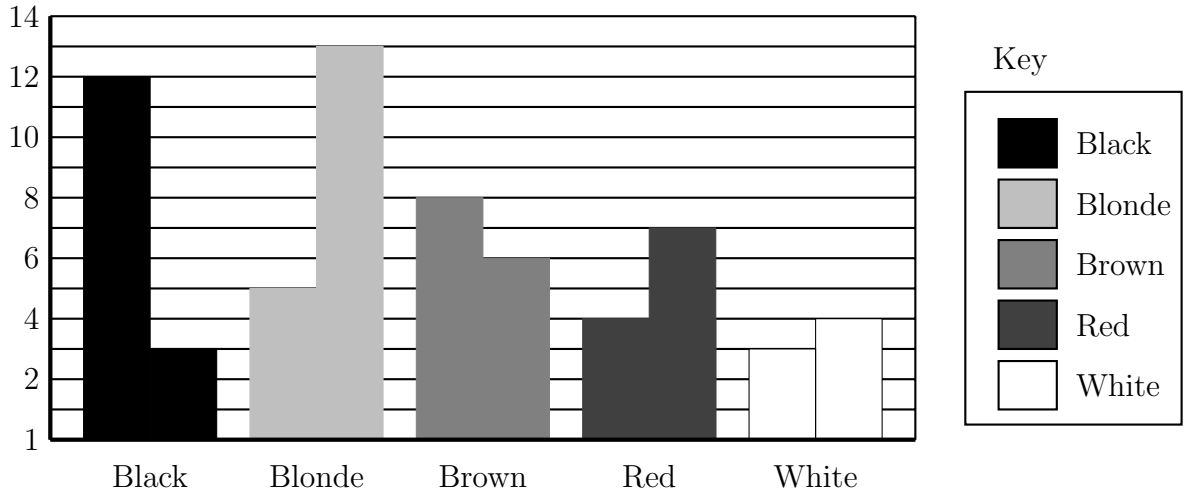
Write down **two** or more things that are wrong with the graph.

2. Children at a club



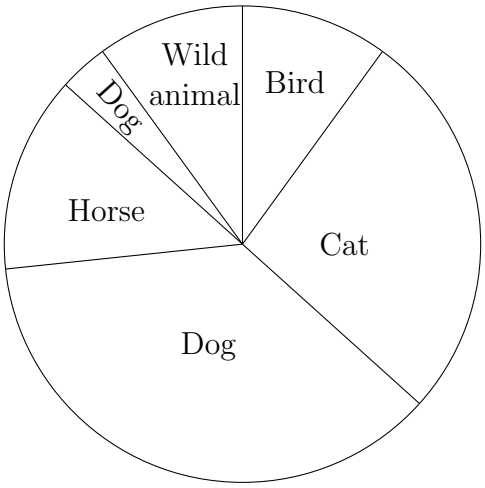
Write down **two** or more things that are wrong with the graph.

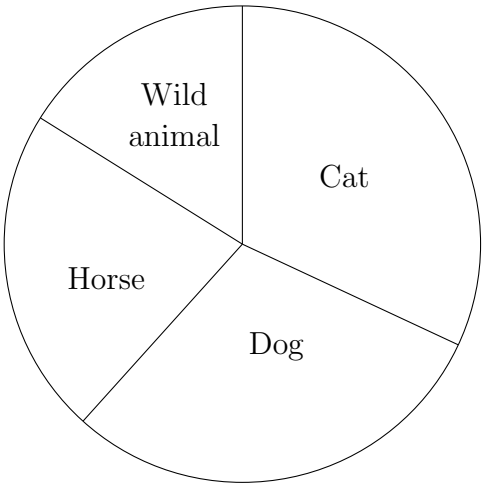
3. Here is a bar chart of the hair colour of some models in two different magazines.



Write down **two** or more things that are wrong with the graph.

4. This pie chart shows the favourite pet of the students in two different classes.





Write down **two** or more things that are wrong with the graph.

5. A cycle hire shop rents four sizes of bicycles.

   The cycles hired yesterday are shown in this table.

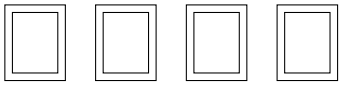
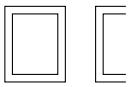
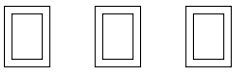
Size	Frequency	Tally
Child	𝍸 |	5
Small	||	2
Medium	𝍸 𝍸 |	9
Large	|||	3

   Write down **two** or more things that are wrong with the graph.

6. Edwin asks some students

   "Out of the art periods we have studied so far, which is your favourite art period? "

   Edwin's pictogram shows information about the number of students whose chose art deco, cubism, impressionism, post modernism and pre-Raphaelite.

Art Deco	
Cubism	
Impressionism	
Post Modernism	
Pre-Raphaelite	

Key represents 2 students

Write down **two** or more things that are wrong with the graph.

Answers

1. 1) no numbers on the frequency axis
   2) two lines for fish and chips

2. 1) Tuesday and Thursday are in the wrong order
   2) key must be wrong half a stick person would be 1.5 students
   3) no title

3. 1) y axis starts at 1 should be 0
   2) bars for different magazines should be different colours
   3) key should show the different magazines not hair colours

4. 1) Dog is mentioned twice
   2) no headings to tell which class' pie chart is which

5. 1) Child tally is 6 but frequency is 5
   2) Medium tally is 11 but frequency is 9
   3) tally and frequency labels are swapped

6. 1) key or cubism must be wrong 3/4 of a picture = 1.5 students
   2) pictures for pre-Raphaelite are smaller than others