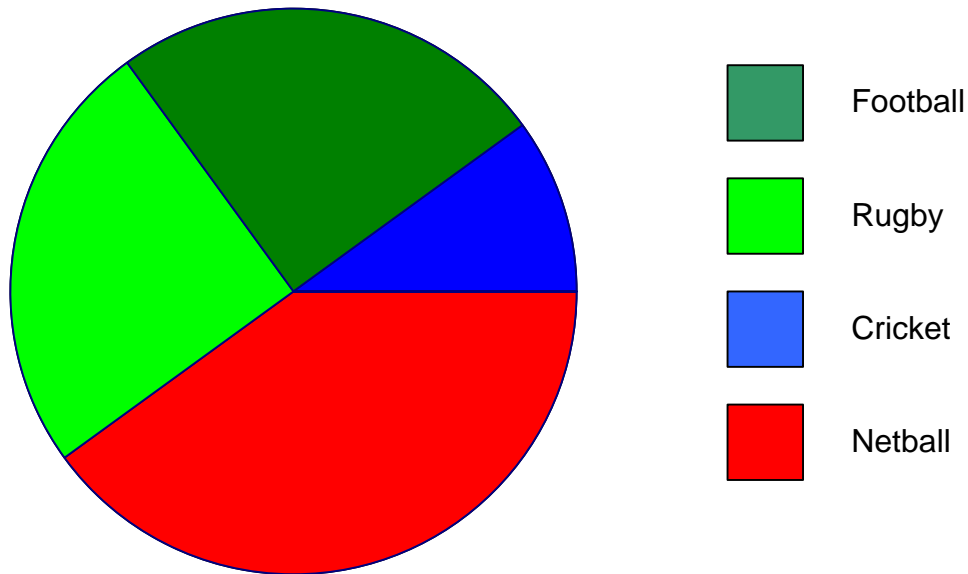


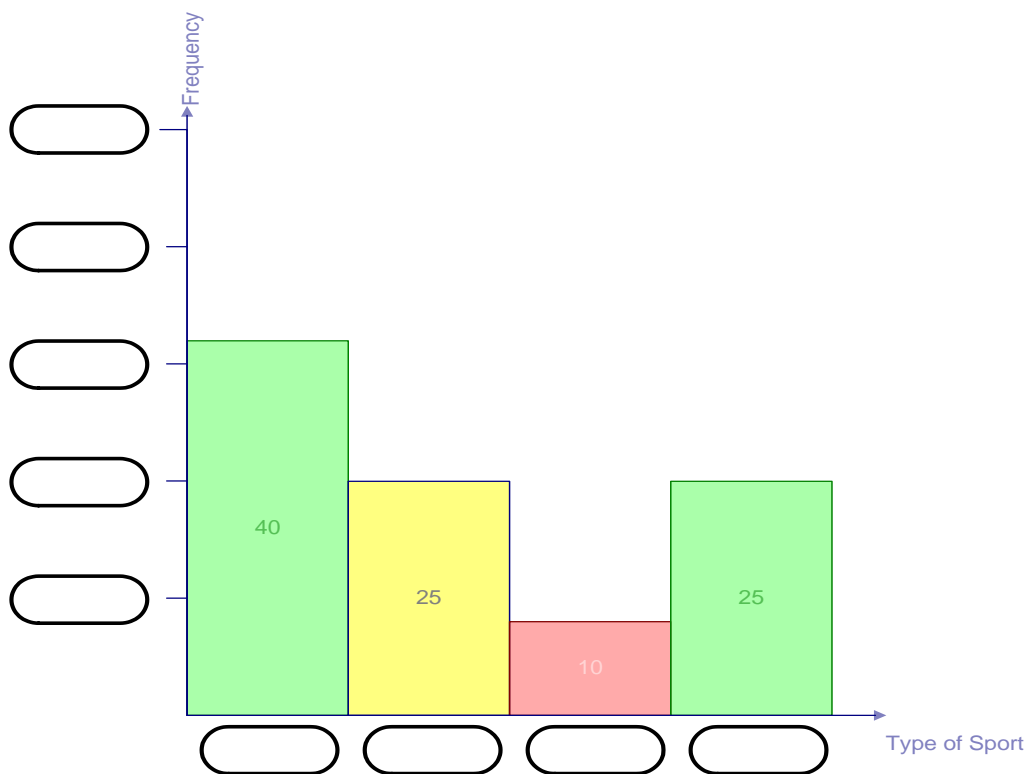
Interpreting a Pie Chart



A survey of children was taken about their favourite sports and the above chart was produced from the results.

1. Twenty children liked football best. How many children answered the survey altogether?
2. 10% of the children that were asked said they liked cricket best. How many children liked netball most?
3. What proportion of children (expressed as a percentage) liked netball most?
4. What is the difference between the sport with the least number of supporters and that with the most?
5. What is the mode average number of people that supports each sport?
6. What is the mean average number of people that supports each sport?
7. Fill in the bar chart below that shows the same information as the pie chart above.





8. All the names of the children were put onto pieces of paper and then placed inside a hat. What are the chances of the person whose name was pulled out of the hat liking a game with the word 'ball' forming part of the title?
9. The group of children were split into two halves. Which two sports could be grouped together so that they have exactly half the children in their group?
10. What is the probability of pulling out the name of a child that liked cricket and then pulling out the name of another child who also liked cricket?

