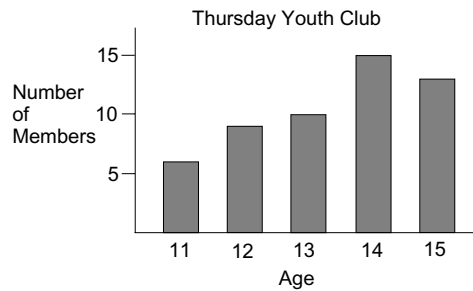
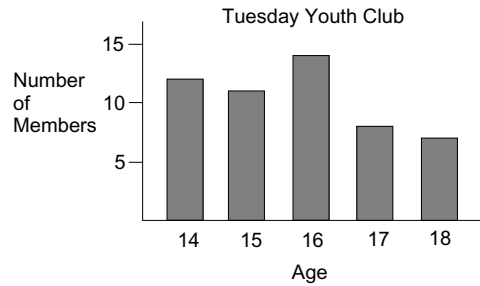


### Youth Club

L.5

The diagrams below show the attendances at the junior and senior youth clubs.

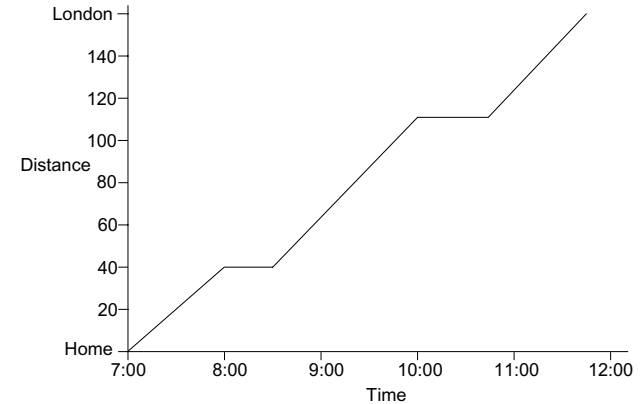


- On what day is the senior youth club?
- How many members attended the Tuesday youth club?
- How many members attended the Thursday youth club?
- What is the modal age of the members of the Tuesday youth club?
- What is the modal age of the members of the Thursday youth club?
- What is the range of the ages for each day?
- What is the minimum age a member must be to be able to go to the senior youth club?
- Four fifteen year olds transfer to the senior youth club from the junior youth club. What affect does this have on the mode and range of each club?

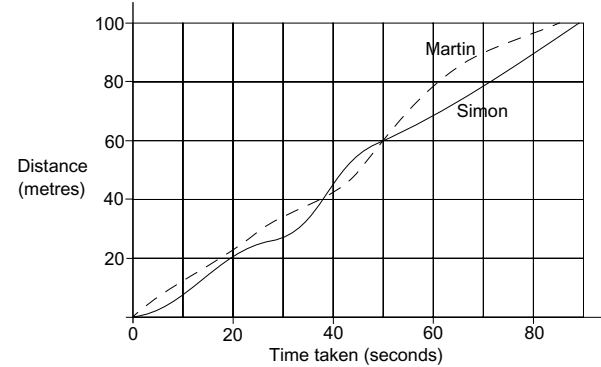
### Moving

L.5

1) Stefan travels from his home to London by coach, a distance of 160 miles.



- If he begins his journey at 7 o'clock, at what time does he arrive in London?  
The coach makes two stops on the way.
  - (i) At what times does the bus stop? (ii) For how long do the stops last?
  - How far from home is Stefan when the bus makes the stops?
- 2) Two swimmers, Simon and Martin, compete in a 100m race. Their progress is shown in the diagram below. Use the diagram to answer these questions.



- Which swimmer was in the lead first?
- What happened at the 40 metre mark?
- At what time did Martin take over the lead?
- Who won and in what time? Give your answer correct to the nearest second.