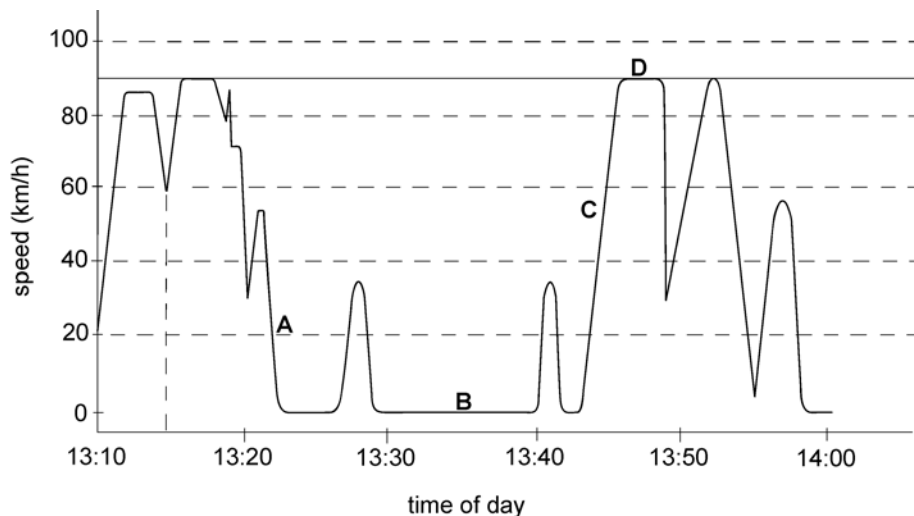


Activity AP4.13 Reading tachographs

The diagram shows part of a tachograph.

This is a graph of a lorry's speed against time.



To do and to answer

Use the graph to answer these questions.

- 1 What was the lorry's maximum speed?
- 2 At each of the points **A–D** say whether the lorry was
 - speeding up
 - slowing down
 - moving at a constant speed
 - stationary
- 3 The driver had to stop at road works for 5 minutes. Between what times do you think this happened?

Optional

- 4 At one point during the journey a dog ran into the road. The driver braked suddenly.
 - a Draw an X on the graph when you think this happened.
 - b Explain why you have chosen this point.
- 5 Between 13:12 and 13:14 the lorry was travelling at approximately constant speed.
 - a What was the lorry's speed?
 - b How far did the lorry travel?
- 6 In the 50 minutes between 13:10 and 14:00 the lorry travelled 25 km. Calculate the average speed in km/h.
- 7 Describe the motion of the lorry between 13:50 and 13:55.