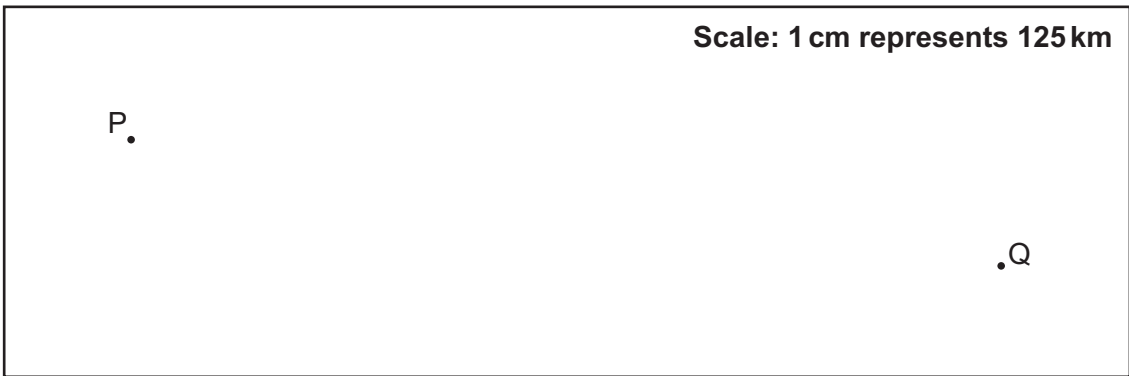**5** The scale diagram below shows two cities, P and Q.

A plane departs from P at 09 47 and arrives at Q at 12 07.

(a) Work out the average speed, in kilometres per hour, of the plane.

(a) .... km/h **[5]**

(b) Give one reason why your answer may be inaccurate.

....

.... **[1]**