Dr Oliver Mathematics
Worked Examples
Lower Bounds and Upper Bounds 1

From: Edexcel 2018 November Paper 3H (Calculator)

1. A high speed train travels a distance of 487 km in 3 hours. (5)

   The distance is measured correct to the nearest kilometre.
   The time is measured correct to the nearest minute.

   By considering bounds, work out the average speed, in km/minute, of the train to a suitable degree of accuracy.
   You must show all your working and give a reason for your answer.