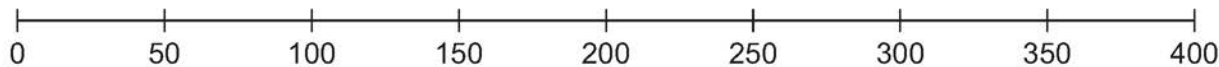


- 12** The box plot below summarises the CO<sub>2</sub> emissions, in g/km, for cars in the Large Data Set from the London and North West regions.

London



North West



- 12 (a)** Using the box plot, give **one** comparison of central tendency and **one** comparison of spread for the two regions. **[2 marks]**
- 12 (b)** Jaspal, an environmental researcher, used all of the data in the Large Data Set to produce a statistical comparison of the CO<sub>2</sub> and CO emissions in regions of England.
- Using your knowledge of the Large Data Set, give **two** reasons why his conclusions may be invalid. **[2 marks]**