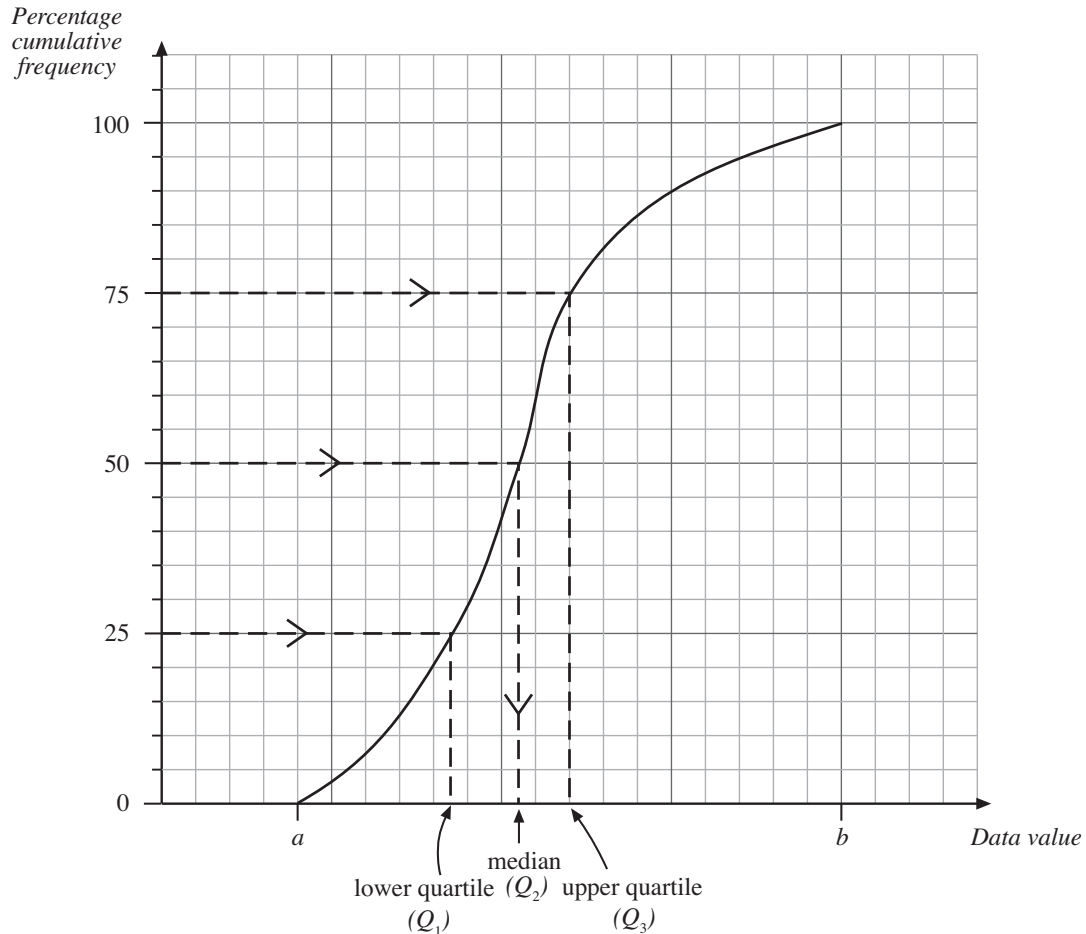


Measures of Variation

Essential information

- The **cumulative frequency curve (graph)** illustrates the cumulative frequency of the set of data.



- The **lower quartile (Q_1)** corresponds to 25% on the y-axis which means that 25% of values are *below* this value.
- The **median (Q_2)** is the value corresponding to 50% on the y-axis. This means it is the *middle* value of the data.
- The **upper quartile (Q_3)** corresponds to 75% on the y-axis which means that 25% of values are *above* this value.
- A **box and whisker plot** is a way of illustrating a set of data, showing its smallest and largest values, median and upper and lower quartiles (see next page).

Measures of Variation

Essential information

