

Statistics Questions

Answer these questions without a graphics calculator. Show working.

- The scores of 6 people in a Latin quiz were: 3, 8, 7, 8, 4, 6. Find the
 - mean,
 - median,
 - mode,
 - range,
 - inter-quartile range and
 - standard deviation.

- The following is the tongue lengths of the All Blacks rugby team and their reserves

Length (cm)	Frequency
8	1
9	5
10	4
11	9
12	3
13	1

Find the mean and median tongue lengths.

- The following are the ages of the maths teachers and the English teachers at Canterbury College
Maths 42, 55, 62, 50, 31, 60, 60, 51, 49, 56
English 71, 27, 44, 51, 23, 33, 28, 39, 48
Draw side-by-side box-and-whisker plots to compare the two groups.