



3. Rebecca records the shirt collar size,  $x$ , of the male students in her year. The results are shown in the table.

For the data, calculate:

- a) The mode

Collar Size	Number of Students
15	3
15.5	17
16	29
16.5	34
17	12

- b) The median

- c) The mean

- d) Explain why a shirt manufacturer might use the mode for setting their production quota

4. The length,  $x$  mm, to the nearest mm, of a random sample of pine cones is measured. The data is shown in the table to the right.

a) Write down the modal class

Cone length (mm)	Frequency
30-31	2
32-33	25
34-36	30
37-39	13

b) Estimate the mean

c) Find the median class