8 The stem-and-leaf diagram shows the heights, in centimetres, of 15 plants.

```
| 0 | 2
| 1 | 0
| 2 | 4
| 3 | 0  2  4  9
| 4 | 1  2  4  7  9
| 5 | 3  7
| 6 | 2
```

Key: | 2 | 5 means 25 cm.

(a) Draw a box-and-whisker plot to illustrate the data.   **[4]**

A statistician intends to analyse the data, but wants to ignore any outliers before doing so.

(b) Discuss briefly whether there are any heights in the diagram which the statistician should ignore.   **[3]**