

3 MEASURING UP

- 1 Jess and Max noticed that at the edge of the clearing around their hut some young native trees had begun to grow. They measured the height of each seedling to the nearest centimetre.

a Draw a **stem and leaf plot** of their data.

SEEDLING HEIGHT IN CENTIMETRES:

19 24 35 45 47 36 28 31 52 12 8 40
43 56 30 20 36 22 29 20 33 28 20 27

- b Write **two** sentences about what **the plot** shows.
c Why might a stem and leaf plot be a better choice than a dot plot for the data in this example?



- 2 This stem and leaf graph shows the ages of trees the ranger had planted on the track that led to the hut.

AGE OF TREES IN YEARS

0	5 5 8
1	0 1 3 5 8 8 8 9
2	0 2 7 9
3	1 2

- a What is the age of the oldest tree?
b What is the difference in age between the oldest and youngest trees?
c How many trees has the ranger planted in this area of the bush?

