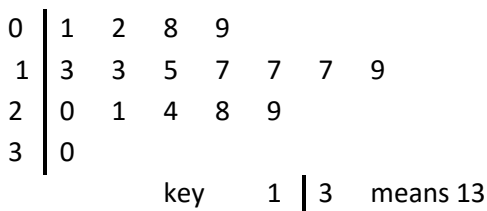


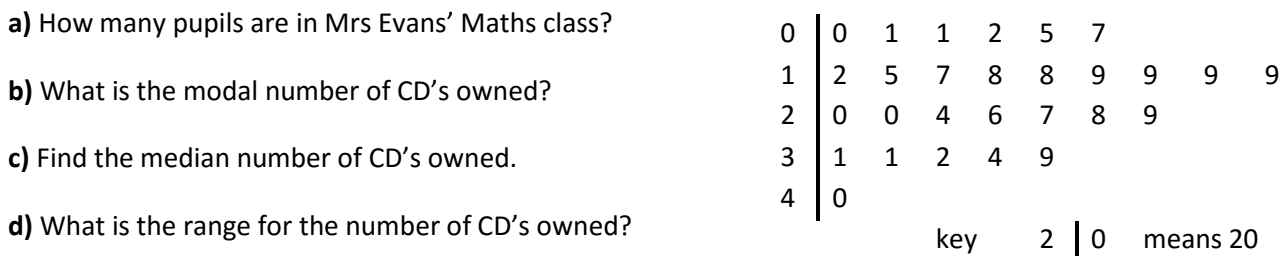
Stem and Leaf Diagrams

1. A stem and leaf diagram has been drawn for the number of cars parked in a car park each day a number of days.



- a) How many days did the number of cars in car park get counted.
- b) What is the modal number of cars parked?
- c) Find the median number of cars parked in the car park?

2. A stem and leaf diagram is drawn for the number of CD's owned by pupils in Mrs Evans' Maths class.



- a) How many pupils are in Mrs Evans' Maths class?
- b) What is the modal number of CD's owned?
- c) Find the median number of CD's owned.
- d) What is the range for the number of CD's owned?

3. a) Jenny records the heights (mm) of 19 seeds planted from Packet A after 2 weeks
27, 17, 43, 52, 0, 4, 15, 37, 28, 19, 14, 16, 37, 42, 51, 8, 22, 31, 19

- i) Put the data in a stem and leaf diagram
- For Packet A find ii) the median iii) the range

b) Jenny records the height (mm) of 10 seeds planted from Packet B after 2 weeks.
27, 19, 14, 41, 18, 24, 18, 9, 33, 27, 16, 19, 24, 25, 34, 12, 34, 22, 15

- i) Put the data in a stem and leaf diagram
- For Packet B find ii) the median iii) the range

c) which packet do you think is the more successful? Give a reason.

4. a) Milo records the weight in kg of 20 people in his class.
61, 48, 58, 35, 45, 72, 36, 56, 47, 58, 60, 59, 43, 38, 41, 67, 63, 54, 45, 39

- i) Put the information into a stem and leaf diagram
- For Milo's class find ii) the median iii) the range

b) Bella records the weight in kg of 20 people in her class.
58, 63, 38, 56, 41, 49, 52, 39, 73, 42, 58, 62, 75, 65, 38, 49, 51, 60, 63, 55

- i) Put the information into a stem and leaf diagram
- For Bella's class find ii) the median iii) the range

c) Do you think these 2 classes are in the same Year at school? Give a reason.