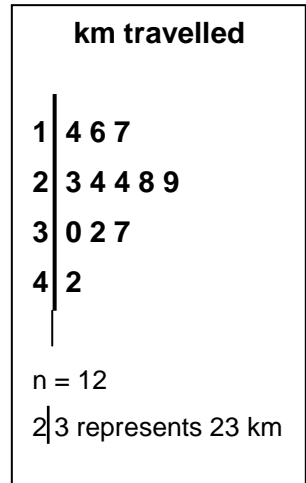


# Stem & Leaf Diagrams

## Exercise 1

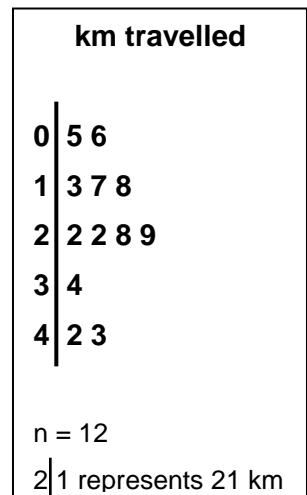
1) This stem and leaf diagram shows the distance travelled by a taxi on different hires.

- Write out level 3 in full.
- How many journeys are shown?
- What is the **second longest** journey?
- If journeys of length 25 km or less are classed as Type A journeys, How many journeys were there?



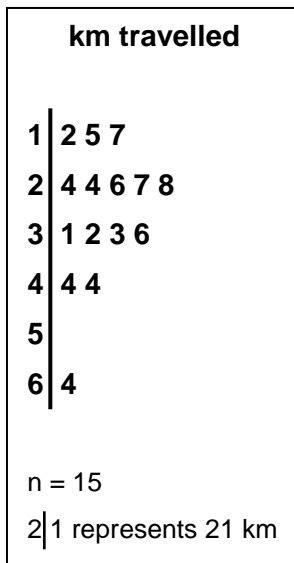
2) This stem and leaf diagram shows the distance travelled by a taxi on different hires.

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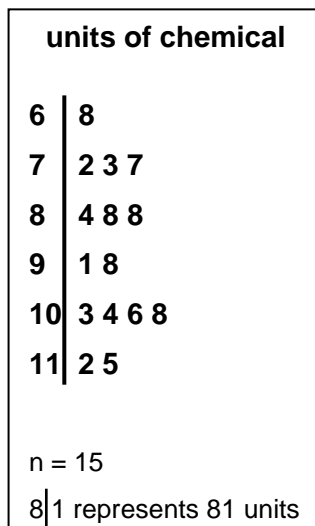
3) This stem and leaf diagram shows the distance travelled by a taxi on different hires.

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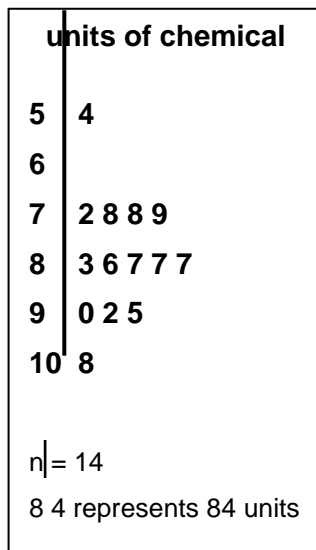
4) This stem and leaf diagram shows the concentration level of a chemical in a number of samples

- Write out level 7 in full.
- A level of 85 or below is safe. How many safe samples are there?
- How many samples were unsafe?
- What is the average concentration of the safe samples?



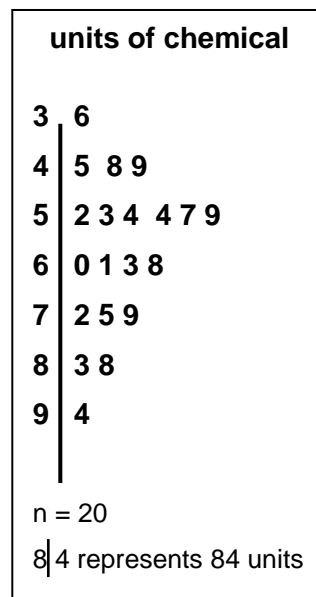
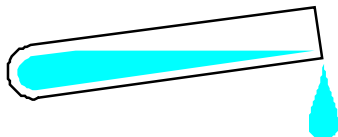
5) This stem and leaf diagram shows the concentration level of a chemical in a number of samples

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- A level of 85 or below is safe. How many safe samples are there?
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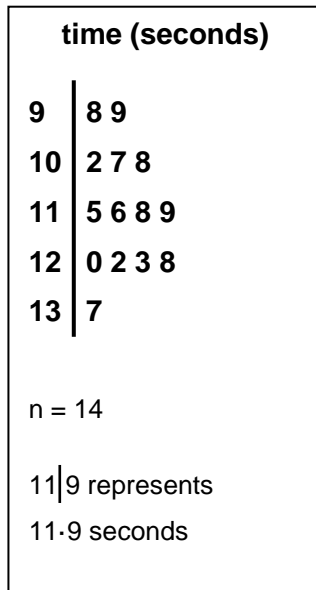
6) This stem and leaf diagram shows the concentration level of a chemical in a number of samples

- Write out level 7 in full.
- A level of 85 or below is safe. How many safe samples are there?
- How many samples were unsafe?
- What is the average concentration of the safe samples?



7) The times, in seconds to run a race for competitors is given in the stem and leaf diagram.

- What was the winning time?
- How many sub 10 second times were there??
- What percentage of the competitors had a time of less than 12 secs?
- Write out level 10 in full.



8) The times, in seconds to run a race for competitors is given in the stem and leaf diagram.

- What was the winning time?
- How many sub 10 second times were there??
- What percentage of the competitors had a time of less than 12 secs?
- Write out level 10 in full.

