

Stem and Leaf Diagrams

You should be able to: Construct a Stem and Leaf diagram from a set of raw data.

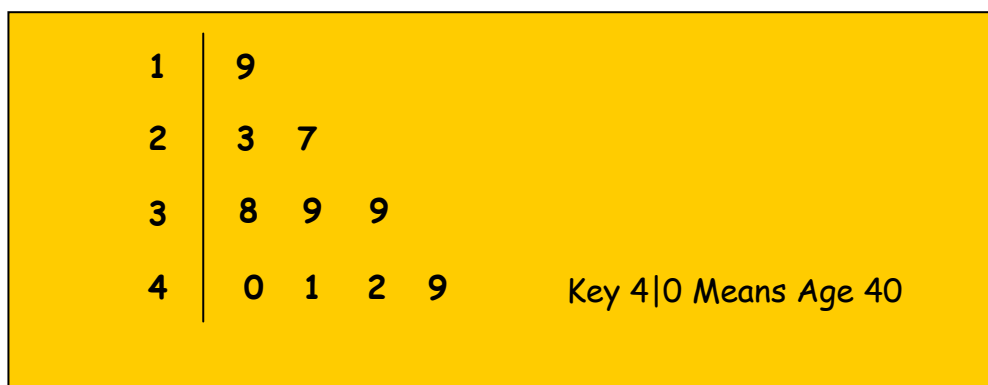
A Stem and Leaf diagram is a way of organising raw data into a meaningful way.

It must have the following 3 parts.

- The Stem
- The Leaves
- The Key

Example 1: The ages of people in a shopping centre are shown. Organise this data into a stem and leaf diagram.

23, 39, 19, 27, 40, 38, 39, 41, 49, 42



Note that a stem and leaf diagram must be in numerical order and you must have all 3 components in order to gain full marks.

Example 2: Draw a back to back stem and leaf diagram to display the following sets of data.

English Marks.

43, 43, 47, 51, 59, 83, 87, 89,
89, 90, 90, 90, 91, 100, 100, 100

Maths Marks.

43, 69, 87, 100, 49, 49, 80, 81,
55, 70, 73, 79, 70, 70, 40, 70

