

Tramping times

This task is about creating and interpreting a stem-and-leaf graph.



Some students went to Mauao. One group climbed to the top of the mountain and back, and the other group walked around the base.

Here are all the times it took to the nearest minute.

Climbing to the top and back:

71, 52, 37, 62, 52, 43, 54, 57, 74, 63, 57, 65, 91, 43, 82, 58, 22

Walking around the base:

40, 61, 48, 26, 32, 34, 50, 35, 49, 37, 38, 96, 38

Put the data on the back-to-back stem-and-leaf plot below.

Walking times at Mauao

a)

Climbing

2
3
4
5
6
7
8
9

Walking around

b) i) Which walk generally takes longer? Climbing / Walking around (*Circle one*)

ii) Explain your answer to question b) i) without doing any calculations.
