This task is about recording data on a stem-and-leaf graph.

The Year 8 students at Kaimoana School sat a maths test. The teachers wanted to compare the test scores for two classes on a back-to-back stem-and-leaf graph.

Your teacher will read out the scores. You are to display this data as you hear it onto the back-to-back stem-and-leaf graph below.

The stem of the graph has been done for you.

	Room 5		Room 7
		1	
a)		2	
u)		3	
		4	
		5	
		6	
		7	
		8	
		9	

Now complete the back-to-back stem-and-leaf graph below by ordering the numbers in each of the 'leaves' from part a). Make your graph as neat as possible.

Room 7

 Room 5

 1

 2

 3

 4

 5

 6

 7

 8

 9

i) What is the median score for Room 5?

ii) What is the range for Room 5? _____

What is the median for Room 7? ______

d)

ii) What is the range for Room 7? _____

Published on Assessment Resource Banks (https://arbs.nzcer.org.nz)