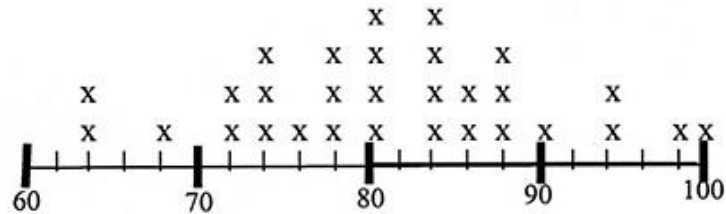


Possible Solutions

Since there is only one way to make a stem-and-leaf plot that correctly shows this information, here is how the students will connect the two and create it:



First, students will look at each X within a particular range of data (in this case it will be the benchmarks of every 10 points).

Students will set up their stem-and-leaf plot according to the data:

Stem	Leaf
6	
7	
8	
9	
10	

Next, they will fill in the corresponding leaves, or last digits of the data sets. Each piece of data must be represented, even if it is identical to another data point.

Stem	Leaf
6	4, 4, 8
7	2, 2, 4, 4, 4, 6, 8, 8, 8
8	0, 0, 0, 0, 4, 4, 4, 4, 6, 6, 8, 8, 8
9	0, 4, 4, 8
10	0