Name: .... Class: ....

Create stem-and-leaf plots

1. For his course project, Philip recorded the ages of all his course-mates
18, 22, 21, 17, 18, 20, 26, 31, 30, 27, 19, 19, 20, 22, 25, 30, 40, 40, 38, 32, 37, 40, 38, 38.

Use the data to complete the stem-and-leaf plot below.

Ages	
Stem	**Leaf**
1	
2	
3	
4	0 0 0

2. The data from the production of numbers of food cans at a food industry for 3 weeks are given below;
56, 22, 45, 24, 12, 13, 39, 15, 34, 26, 45, 51, 18, 38, 26, 55,

Use the data to complete the stem-and-leaf plot below.

Food production	
Stem	**Leaf**
1	
2	
	4 8 9
4	

Name: .... Class: ....

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1. For his course project, Philip recorded the ages of all his course-mates
18, 22, 21, 17, 18, 20, 26, 31, 30, 27, 19, 19, 20, 22, 25, 30, 40, 40, 38, 32, 37, 40, 38, 38.
Use the data to complete the stem-and-leaf plot below.

Ages	
Stem	**Leaf**
1	7 8 8 9 9
2	0 0 1 2 2 5 6 7
3	0 0 1 2 7 8 8 8
4	0 0 0

In the stem - and - leaf plot, the stem is the first digit and the leaf is the last digit of the number
Arrange the given data from least to greastest
For example, if we take the first stem 1 with the missing row,
We can write the following leaves 7, 8, 8, 9, and 9 in to row 1 to represent 17, 18, 18, 19 and 19.

2. The data from the production of numbers of food cans at a food industry for 3 weeks are given below;
56, 22, 45, 24, 12, 13, 39, 15, 34, 26, 45, 51, 18, 38, 26, 55,
Use the data to complete the stem-and-leaf plot below.

Food production	
Stem	**Leaf**
1	2 3 5 8
2	2 4 6 6
3	4 8 9
4	5 5
5	1 5 6

In the stem-and-leaf plot, the stem is the first digit and the leaf is the last digit of the number.

To complete the stem-and--leaf plot, the given data must first of all be arrange from least to greatest. That is 12, 13, 15, 18, 22, 24, 26, 26, 34, 38, 39, 45, 45, 51, 55, 56.
Secondly, let's find the missing stem.
From the arranged numbers, pick out the first digit of the greatest number.