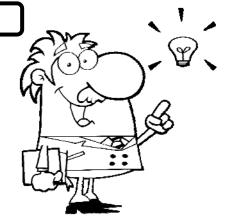Name _____   Date _____

Making Your Own Stem and Leaf Plots – Advanced Practice

Professor Potts has many great ideas. He starts to count how many great ideas he has every week. Here is the weekly counts from the last 2 months.

480, 450, 350, 260, 290, 490, 330, and 250.

Make the stem and leaf plot to display Professor Potts data more clearly.

Stem	Leaf

Solution:

1) First arrange the data set in ascending order.

250, 260, 290, 330, 350, 450, 480, 490

2) Since all the ones digits are zeros, they do not need to be mentioned in the plot.

The stems are the hundreds digits and the tens digits are leaves.

Stem (Hundreds)	Leaf (Tens)
2	5 6 9
3	3 5
4	5 8 9

Where "2 | 5" = "250"