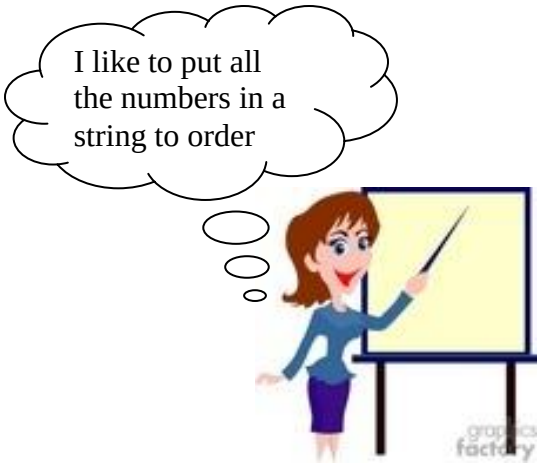
Name_____ Per _____
Mrs. Doolan/Math6

1-6: Stem-and-Leaf Diagrams

Directions: Make a stem-and-leaf diagram from the following data set:

The ten fastest fish in the world (in miles per hour) include the following: sailfish, 68; blue shark, 43; swordfish, 40; marlin, 50; blue fin tuna, 46; wahoo, 41; tarpon, 35; bonefish, 40; yellow fin tuna, 44; tiger shark, 33.



68, 43, 40, 50, 46, 41, 35, 40, 44, 33

STEM	LEAF
3	3 5
4	0 0 1 3 4 6
5	0
6	8

NOTE #1: Write each number with the ten's digit as a stem and EACH one's digit as a leaf.

NOTE #2: If a number occurs twice (or more) in a data set it must be displayed the same number of times in your stem and leaf.

KEY:

78 = Stem | Leaf

7 | 8

Directions: Make a stem-and-leaf diagram from the following data set. Then solve for median, mode and mean:

The Story: The kids in Jake's math class earned the following grades on their last math test:

Grades: 81, 92, 65, 93, 97, 82, 74, 78, 80, 100, 85, 88, 92, 75, 93, 87, 68 and 72.

stem	leaf

Directions: Make a stem-and-leaf diagram from the following data set. Then solve for median, mode and mean:

The 2014 Otters were polled to find out how many songs they have on their iPods. Create a stem and leaf from the data collected and then solve for mean, median and mode.

(17, 36, 0, 64, 5, 0, 39, 12, 7, 19, 67, 42, 0, 3, 12, 4, 9, 13, 17, 31, 0)

stem	**leaf**