

Name: _____
Date: _____
Class: _____

Algebra
Unit 12
HW 12-1

1) The following grades are Jim's test grades in English for each semester. Create a stem and leaf plot for each semester.

Semester 1: 78, 91, 88, 83, 94

Semester 2: 91, 96, 80, 77, 88, 85, 92

2) Find the mean, median, and mode for the following data

Score	Number of Students
72	4
74	1
76	3
81	5
88	4
91	1
97	3
99	2

3) The following are Mary's homework grades in Spanish. Create a stem and leaf that will display this data:

52, 60, 66, 66, 68, 72, 72, 73, 74, 75, 80, 82, 84, 91, 92, 98

4) Find the mean, median, and mode for the following data, which is the amount of snowfall per day for the winter season:

Inches of Snow	Number of Days
0	12
0.5	4
0.75	6
1.0	3
1.5	6
1.75	8
2.5	1
3.25	3
4.5	1

5) Tim has the following homework averages for the 1st quarter in Science:

Score	# of Occurances
100	10
90	5
80	x
70	3
60	2
0	3

If his homework average for the quarter is 78, how many times did he score an 80 on a homework assignment.

6) Listed below are the mounts of rainfall to the nearest tenth that have occurred at a students home. Create a stem and leaf for this data:

1.1, 0.5, 0, 1, 0, 0.2, 0.1, 0, 0.5, 0.8, 1.2, 2.4, 3.1, 0.1, 0, 0, 0, 0.2, 0.8, 1.1, 4.1, 0, 0, 0