Math 110 Name _____
Spring, 2009

Homework #3
Due Monday, March 9
No late papers accepted! No excuses!

1. Describe at least two advantages to using stemplots rather than frequency distributions.

2. Suppose that a data set has a minimum value of 18 and a maximum value of 83 and that you want 5 classes. Explain how to find the class width for this frequency table.

3. Given the following distribution, a) construct a relative frequency distribution; b) a cumulative frequency distribution; c) find the class midpoints.

Days of Vacation	Frequency
0 - 3	36
4 - 7	50
8 - 11	74
12 - 15	100
16 - 19	126