Stat 1040   Name_____

Quiz 2, Fall 2014   **Recitation Instructor**_____

1. A table for the scores of 300 students on a statistics midterm is given below. The class intervals include the left endpoint, but not the right. Draw the histogram. Estimate the percentage of students who scored above 75? (6 points)

Points	Number of Students		
40-50	30		
50-70	60		
70-80	120		
80-90	60		
90-100	30		

2. Sketch a histogram whose average is less than its median. Be sure to label the median and average. (2 points)

3. The average of a list of 666 numbers is 13 and the SD is equal to 7.   If you add 25 to each of the numbers on the list, what is the average and SD of the new list? Briefly explain. (2 points)