

Name: _____
MAT 221: Section 1

Fall 2014
Quiz 1

1. (3 points) A certain data set contains the following variables: Gender (1 = Female, 2 = Male), Region (1 = Northeast, 2 = Southeast, 3 = Southwest, 4 = Midwest, 5 = West), Age, Annual Taxable Income, and Retirement Savings. List the variables for which a histogram will be an appropriate graphical summary:

2. (4 points) Consider the data set given below. [The data is already arranged in the increasing order]:

11 25 29 33 33 37 40 42 46 47 49 51 54 57 61 64 86

For this data, create a stemplot (stem-and-leaf plot) below:

3. (5 points) For the data given in the previous problem, provide the five number summary and compute the IQR.