Stem & Leaf Plots and Mean, Median and Mode Practice

Step One: Consider the following data

Money Raised by Each Class For Homeless Shelter (Dollars)

Girl	S																						
40	43	53	37	27	40	55	58	25	20	40	23	60	40	39									
Boy	S									40 23 60 40 39 75 73 60 70 50													
71	45	60	47	49	54	74	60	46	66	75	73	60	70	50									

Step Two: Find the range in the data for the Grade Five Boys and Girls

 Range for girls
 Range for boys

Step Three: Complete two stem and leaf plot charts in the space below for the data above.

Step Four: Find the Mean, Median and Mode for the Grade 5 and 6 Data

Boys' Data

Mode (Number repeated most often)

Median (Middle number in data set) _____

Mean (Add all numbers and divide by number of data entries)

______ = 15 Girls' Data Mode (Number repeated most often) ______ Median (Middle number in data set) ______ Mean (Add all numbers and divide by number of data entries)

15

_____=

Step Five: Create a double bar graph that will display the data from the stem charts. Your graph will need a title, date, labeled x axis, labeled y axis, written descriptions for the horizontal and vertical axes, proper increment marks, proper numbering, and correctly displayed data. Remember to be neat. Use a ruler!

Bonus Question: Brain Teaser Point: Create a chart that will represent the data in a different way! Good Luck