### Stem & Leaf Plots and Mean, Median and Mode Practice

## Step One: Consider the following data

Money Raised by Each Class For Harmony Day (Dollars)

Girl	S													
27	33	59	12	50	6	62	24	33	35	25	30	10	15	36
Boy	S													
84	16	60	15	41	5	57	15	79	58	41	65	77	4	80
Step	o Two	o: Fir	nd the	e ran	ge in	the d	lata f	or th	e Gra	nde F	ive B	oys a	nd G	irls
Ran	ge fo	r boy	s				Ra	nge f	for gi	:ls				

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

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# 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

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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!

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0-1	0		11	-20	21	-30	21	-40	<u>/ 1</u>	-50	51	-60	61	-70	71-	80		

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

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