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

## Step One: Consider the following data

Money Raised by Each Class For Harmony Day (Dollars)
Girls

| 27 | 33 | 59 | 12 | 50 | 6 | 62 | 24 | 33 | 35 | 25 | 30 | 10 | 15 | 36 |
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Boys

| 84 | 16 | 60 | 15 | 41 | 5 | 57 | 15 | 79 | 58 | 41 | 65 | 77 | 4 | 80 |
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Step Two: Find the range in the data for the Grade Five Boys and Girls
Range for boys $\qquad$ Range for girls $\qquad$
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) $\qquad$
Median (Middle number in data set) $\qquad$

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

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## Girls’ Data

Mode (Number repeated most often) $\qquad$

Median (Middle number in data set) $\qquad$

Mean (Add all numbers and divide by number of data entries)
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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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Bonus Question: Brain Teaser Point: Create a chart that will represent the data in a different way! Good Luck


