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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 Homeless Shelter (Dollars)
Girls

| 40 | 43 | 53 | 37 | 27 | 40 | 55 | 58 | 25 | 20 | 40 | 23 | 60 | 40 | 39 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Boys

| 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 $\qquad$ Range for boys $\qquad$
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!


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


