Name_____   Date_____

Test: Stem Plots and Mean, Median and Mode

Step One: Consider the following data

Money Raised by Each Class For Harmony Day (Dollars)

Girls

39	45	71	24	62	18	74	50	33	48	45	30	30	45	54

Boys

99	45	60	35	51	28	77	35	79	60	41	65	77	34	80

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

Range for boys _____   Range for girls _____

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 _____

Median _____

Mean: _____ = _____
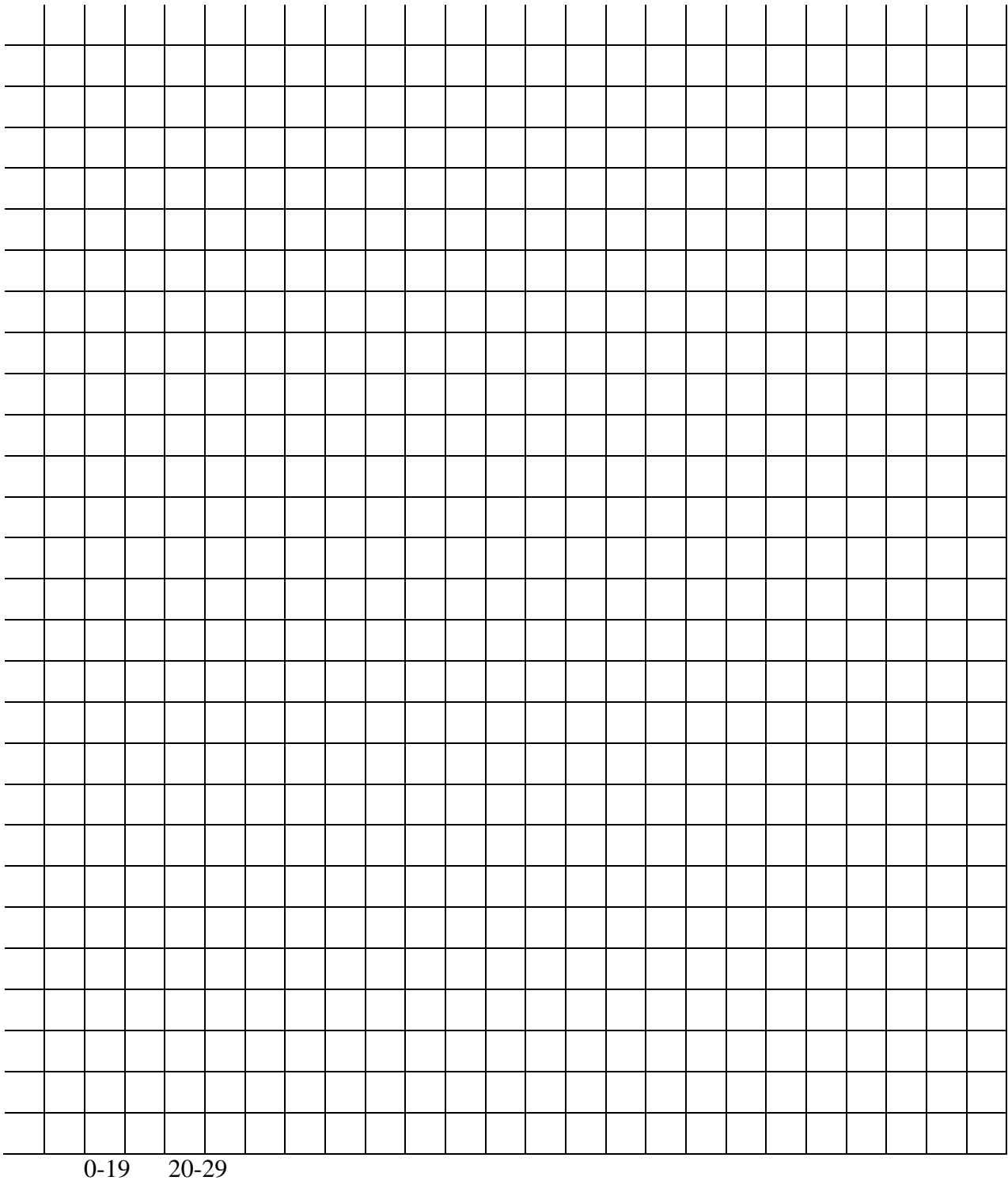
Girls' Data

Mode _____

Median _____

Mean: _____ = _____

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!

0-19   20-29

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