Name _____ Date _____ Class _____

At-Home Practice

Collecting, Describing, and Displaying Data

List the data values in the stem-and-leaf plot.

1.
1	1 2
2	3 4 6
3	2 8

_____

2.
4	0 1 2
5	1 5 8
6	0 1 1 5
7	0 3 5 5 8

_____

3. Use a line plot to organize the data: 8, 6, 6, 7, 4, 4, 5, 5, 6, 8.

Find the mean, median, and mode of each data set.

4. 15, 40, 22, 46, 7, 20, 22, 12
    mean   median   mode

_____ _____ _____

5. 106, 46, 93, 98, 92, 95, 100
    mean   median   mode
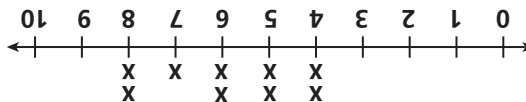
_____ _____ _____

6. A group of students had babysitting jobs over the weekend. Use the given data to make a scatter plot.

Name	Total Hours Worked	Amount Earned
Sheri	5	$22.50
Jordan	8	$36.00
Lydia	11	$49.50
Alexis	6	$27.00
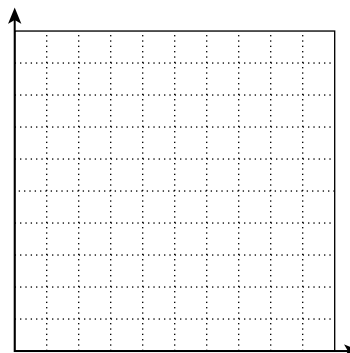
7. Use the data from the scatter plot to predict the number of hours Sam would have to work to make $30.

_____

Answers: 1. 11, 12, 23, 24, 26, 32, 38 2. 40, 41, 42, 51, 55, 58, 60, 61, 61, 65, 70, 73, 75, 75, 78

3.

4. mean: 23; median: 23; mode 22

5. mean: 90; median: 95; mode: no mode 6. Points should be plotted at: (5, 22.50), (8, 36), (11, 49.50) and (6, 27); x-axis is hours worked, y-axis is amount earned 7. about 7 hours
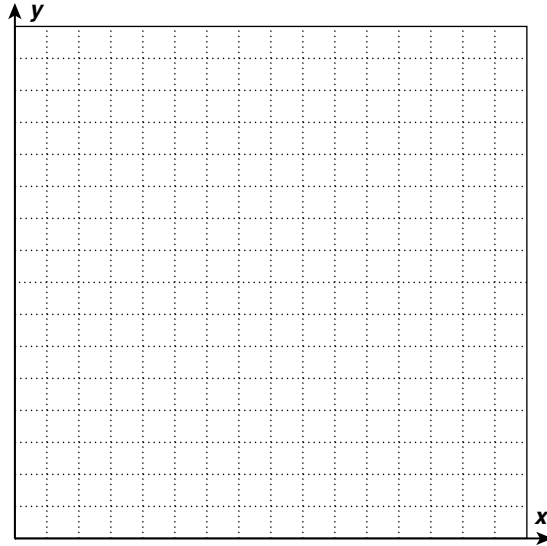
Holt Mathematics

Name _____ Date _____ Class _____

Family Fun
Family Correlations

Record the heights and shoe sizes of at least ten different people. Use the graph below to make a scatter plot of the data you collected, placing the heights on the *y*-axis and the shoe sizes on the *x*-axis.

1. What kind of correlation does the data show? _____

2. Give an example of two data sets that would have a negative correlation. _____

_____

_____

3. Give an example of two data sets that would have no correlation. _____

_____

_____

4. Find the mean, median, and mode of each set of data that you collected. _____

_____

_____

Holt Mathematics