

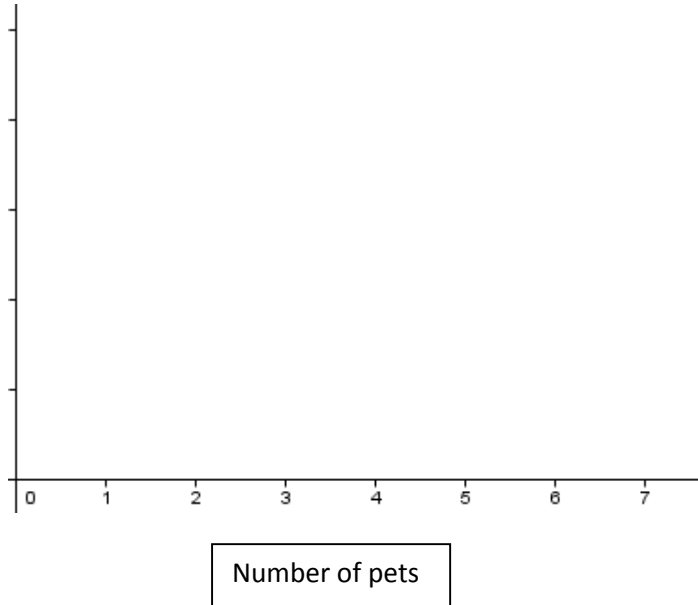
1.) A pet shop asked 10 families how many pets they have. Make a dot plot from the data they have received.

Number of pets (6,7,3,4,1,4,7,2,3,4)

b.) Use the number of pets data set to find the following.

Mean____ Median____ Mode____ Range____

c.) Which best describes the center of the pets per family?

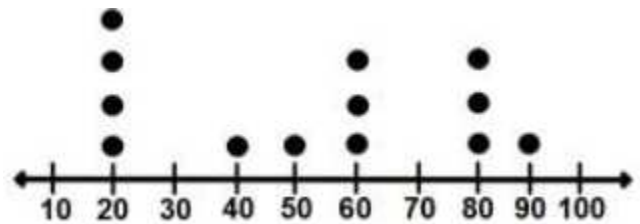


2.) The dot plot represents student scores on a math test.

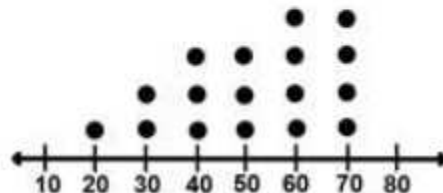
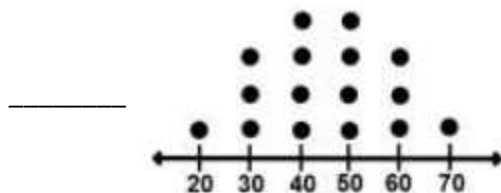
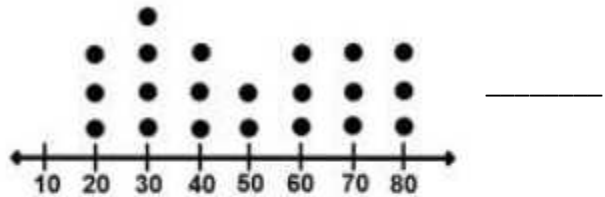
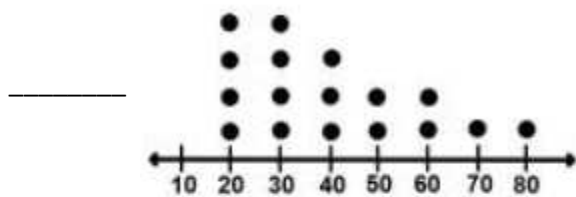
a.) How many students took the test?

b.) What is the median score?

c.) How many students scored at least a 60 on the test?



3.) Identify the type of dot plot. A.) Uniform B.) Skewed Right C.) Skewed Left D.) Symmetric



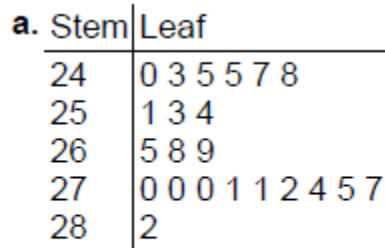
4.) The accompanying stem-and-leaf plot represents Ben's test scores this year. What is the median score for this set of data?



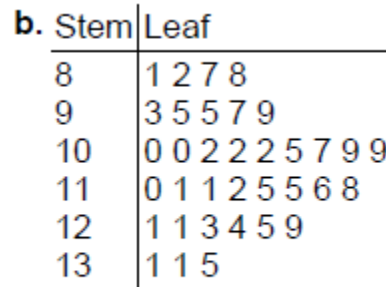
- (a) 73 (b) 80 (c) 79 (d) 81

Key: 7 | 2 = 72

5.) Find the median and mode of these two data sets.



24|0 = \$24,000



8|2 = 8.2 lb

6.) Make a stem-and-leaf plot of this data.

January maximum temperatures in Alaskan cities (Fahrenheit):

40 46 73 39 35 43 49 49 42 46 50
49 51 45 51 51 47 76 54 28 22 47

- a.) What was the lowest temperature? The highest?
b.) What temperature(s) occurred most frequently?
c.) In which interval are the most temperature readings?
d.) How many cities in this data had a January maximum temperature 40 degrees or less?
e.) What is the median?

7.) Make a back-to-back stem-and-leaf plot of these two data sets.

Number of rainy days in a year, Texas cities:

67 69 84 73 77 79 63 49 96
06 63 52 105 59 82 90 79 71

Number of rainy days in a year, California cities:

37 29 90 117 44 32 35 35
93 75 58 42 62 67 31 45

- a.) What is the median?
b.) What is the range?
c.) Which state is rainier?