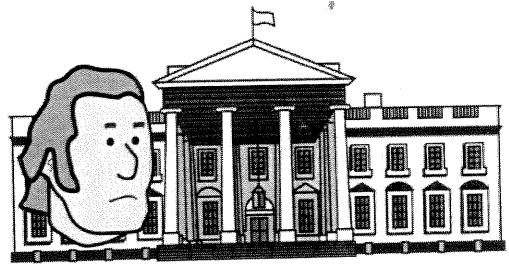


Oval Office Analysis

For this exercise, use the data on the Ages of US Presidents

Find the mean, median, mode, and range of the ages.



Name _____

Date _____

Period _____

1.

	Mean	Median	Mode	Range
Age of Presidents				

2.

Draw a stem-and-leaf plot for the data.

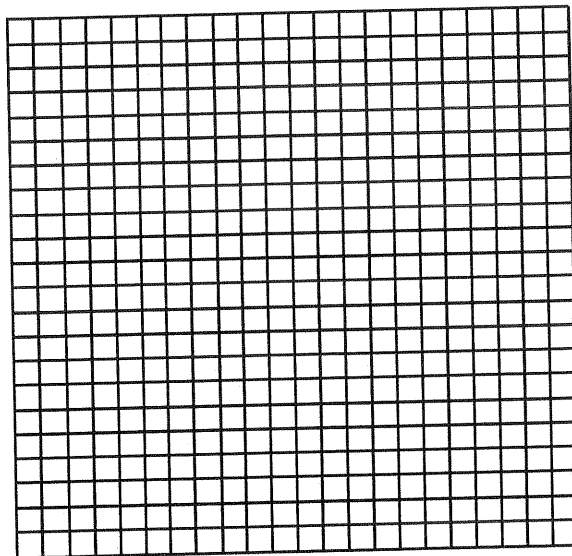
3.

Using the below interval for the age of the presidents at their inauguration (x-axis), tally the number of presidents falling into each group -- these are the frequencies (y-axis).

Age at Inauguration	40-44	45-49	50-54	55-59	60-64	65-70
Frequency						

4.

Construct a histogram by making a bar graph – with no spaces between bars of the frequency for each interval as categorized in the table above. *It is important that the bars are touching.*



5.

Compare the distribution of the data to the normal distribution. How well do they match up? What are the differences, if any?