DATA & STATISTIC

Use the data to answer the questions.

1. Make at least 3 models of graph (chart) using Google Sheet from the data below. Share the link in the answer box.

Ages of 20th-Century Presidents			
President	**Age**	**President**	**Age**
Clinton	46	Truman	60
Bush	64	F. Roosevelt	51
Reagan	69	Hoover	54
Carter	52	Coolidge	51
Ford	61	Harding	55
Nixon	56	Wilson	56
Johnson	55	Taft	51
Kennedy	43	T. Roosevelt	42
Eisenhower	62	McKinley	54

2. From your graph. What conclusion can you make about the age of 20th Century presidents?

3. Find these measures;

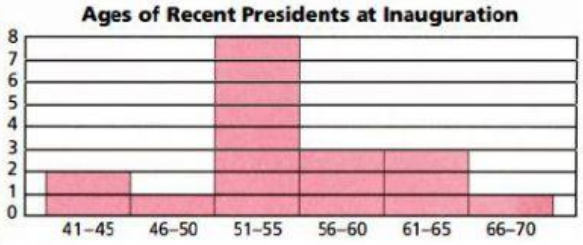
   a. Mean : _____
   b. Median : _____
   c. Mode : _____
   d. Range : _____

4. Which measures best describes the data? Explain.

A **frequency table** tallies the number of pieces of data in different intervals. The intervals used must cover the **range** of the data. The frequency table below shows that for the interval 41–45 there were two presidents inaugurated in that age group.

Interval	Tally	Frequency
41–45	||	2
46–50	|	1
51–55	𝍸 |||	8
56–60	|||	3
61–65	|||	3
66–70	|	1

A **histogram** is a special bar graph that represents data from a frequency table. Each bar represents the data for one interval of the frequency table. There are no spaces between the bars because there are no gaps between intervals. Where one interval ends, the next begins.



LIVEWORKSHEETS

5. Make a frequency table of the data. Use an interval of 10 points.

Test Scores for Period 4					
88	86	78	75	84	88
97	62	96	65	98	82
61	84	75	81	87	86
95	92	92	84	73	83
77	85	79	89	94	83

Interval	Tally	Frequency

6. What percent of 120 is 90?

7. Jay is charged $ 46.75 for a pair of sneakers that had been marked down from $55. What was the discount rate?

LIVEWORKSHEETS