Presidents Data Assignment Name:

**Part I. Inauguration Ages**

1) Find the mean and the standard deviation.

2) Find the five number summary.

3) Are there any outliers?

4) Make a dot plot. *(Hint: you should have a number line at the bottom)*

**Create a Histogram**

5). Create a Frequency Table of the data. Use class intervals 40 to 44, 45 to 49, and so on.

|  |  |
| --- | --- |
| **Frequency Table** |  |
| |  |  | | --- | --- | | Class  (Age) | Frequency | | 40-<45 |  | | 45-<50 |  | | 50-<55 |  | |  |  | |  |  | |  |  | |  |  | | Total |  | |  |

6). Make a histogram of the ages of presidents at inauguration. Don’t forget LABELS!

7). Describe the shape of the distribution and determine what the best measure of center and spread are.

**Part II. Death Ages**

1) Find the mean and the standard deviation.

2) Find the five number summary.

3) Are there any outliers?

4) Make a dot plot. *(Hint: you should have a number line at the bottom)*

**Create a Histogram**

5). Create a Frequency Table of the data. Use class intervals 40 to 44, 45 to 49, and so on.

|  |  |
| --- | --- |
| **Frequency Table** |  |
| |  |  | | --- | --- | | Class  (Age) | Frequency | | 40-<45 |  | | 45-<50 |  | | 50-<55 |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | Total |  | |  |

6). Make a histogram of the ages of presidents at death. Don’t forget LABELS!

7). Describe the shape of the distribution and determine what the best measure of center and spread are.