## Age Estimation Revisited

Name
Period $\qquad$
Date $\qquad$
A power point presentation of notable persons will be shown to you. You will be asked to estimate the age the age of each individual shown. Then you will be shown the actual age of each individual. Your estimate age will be recorded in the first column and the actual age recorded in the second column. When recording the actual age note the birthday, the power point may have been prepared before the individual's birthday.

| Person | Estimated Age | Actual Age |
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Follow the TI-Nspire document instructions.
Make a sketch of the graph you created, include scatter plot and the line $\mathrm{y}=\mathrm{x}$.


## Data Analysis:

1. What does it indicate if a point lies on the line?
2. In terms of your guess, what does it mean if there are points below the line?
3. What is indicated by the points that lie above the line?
4. Explain whether or not you are a good age estimator.
5. What would you do to determine the best age estimator in your class?
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$\qquad$
6. Who was the best guesser in your class?
7. Create a box and whisker plot of the estimator results of your class:

8. What was the median of the estimator results of your class? $\qquad$
9. What is the interquartile range?
10. What is the meaning of the interquartile range? $\qquad$
