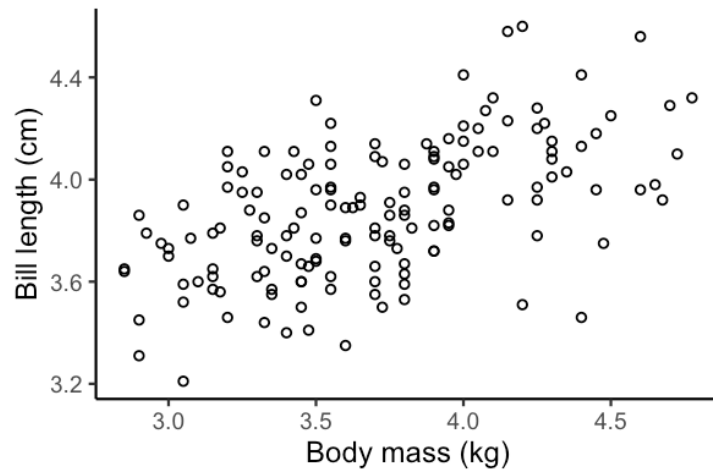Name:

Date:

Quiz #5

The figure above displays body size data for Adélie penguins. Use it to answer the following questions.

1. Write the statistical notation for a linear regression model using these data.

2. Draw a line through the data that you think approximates the best fit line

3. Using the line you drew, estimate values for the coefficients from question 1

4. How would you estimate σ?