Question 1.7. Why do we divide our data into a training and test set? What is the point of a test set, and why do we only want to use the test set once? Explain your answer in 3 sentences or less. **(10 points)**

Hint: Check out this section in the textbook.

Type your answer here, replacing this text.

Question 1.8. Why do we use an odd-numbered `k` in k-NN? Explain. **(10 points)**

Type your answer here, replacing this text.