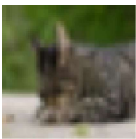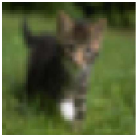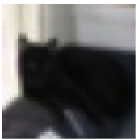1. What's the least common category in the training data?   1 point

   ⦿ bird
   ◯ dog
   ◯ cat
   ◯ automobile

2. Of the images below, which is the nearest 'cat' labeled image in the training data to   1 point
   the the first image in the test data (image_test[0:1])?

   ◯
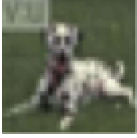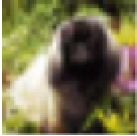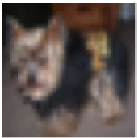

   ◯

   ◯

   ◯

   ◯

   ⦿

3. Of the images below, which is the nearest 'dog' labeled image in the training data to the the first image in the test data (image_test[0:1])?   1 point

○

○

○

◉

○

○

4. For the first image in the test data, in what range is the mean distance between this image and its 5 nearest neighbors that were labeled *'cat'* in the training data?   1 point

○ 33 to 35
◉ 35 to 37
○ 37 to 39
○ 39 to 41
○ Above 41

5. For the first image in the test data, in what range is the mean distance between this image and its 5 nearest neighbors that were labeled *'dog'* in the training data?

    1 point

- ( ) 33 to 35
- ( ) 35 to 37
- (●) 37 to 39
- ( ) 39 to 41
- ( ) Above 41

6. On average, is the first image in the test data closer to its 5 nearest neighbors in the *'cat'* data or in the *'dog'* data?

    1 point

- (●) cat
- ( ) dog

7. In what range is the accuracy of the 1-nearest neighbor classifier at classifying 'dog' images from the test set?

    1 point

- ( ) 50 to 60
- (●) 60 to 70
- ( ) 70 to 80
- ( ) 80 to 90
- ( ) 90 to 100

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