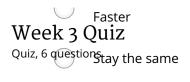
## Week 3 Quiz Quiz, 6 questions

1
point
1. What is a Convolution?
A technique to filter out unwanted images
A technique to make images bigger
A technique to make images smaller
A technique to isolate features in images
1 point
2.
What is a Pooling?
A technique to isolate features in images
A technique to make images sharper
A technique to reduce the information in an image while maintaining features
A technique to combine pictures
1 point
3.
How do Convolutions improve image recognition?
They make the image smaller
They make processing of images faster

1 point
4.
After passing a 3x3 filter over a 28x28 image, how big will the output be?
28x28
31x31
1 point
5. After max pooling a 26x26 image with a 2x2 filter, how big will the output be?
28x28
13x13
56x56
1 point
6. Applying Convolutions on top of our Deep neural network will make training:
It depends on many factors. It might make your training faster or slower, and a poorly designed Convolutional layer may even be less efficient than a plain DNN!
Slower



Upgrade to submit



