Grade

received 100%

Correct Nailed it!

Congratulations! You passed!

Latest Submission

Grade 100%

1. How do Convolutions improve image recognition? They make processing of images faster They isolate features in images O They make the image clearer They make the image smaller ✓ Correct Spot on! Additionally, a properly designed convolution layer can even make training faster. 2. What does the Pooling technique do to the images? Isolates features in them Makes them sharper Combines them Reduces information in them while maintaining some features ✓ Correct Good job! Pooling reduces information without removing all of the features. 3. True or False. If you pass a 28x28 image through a 3x3 filter the output will be 26x26 True False

To pass 80% or

higher

4.	After max pooling a 26x26 image with a 2x2 filter, the output will be 56x56
	False
	○ True
	✓ Correct Yes! The output would actually be 13x13
5.	How does using Convolutions in our Deep neural network impact training?
	Its impact will depend on other factors.
	O It makes it slower
	O It does not affect training
	O It makes it faster
	Correct Correct! Using convolutions might make your training faster or slower, and a poorly designed Convolutional layer may even be less efficient than a plain DNN!