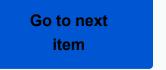
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Congratulations! You passed!

Grade received 100% **To pass** 80% or higher



Week 3 Quiz

Latest Submission Grade 100%

1.	What is a Convolution?	1 / 1 point
	A technique to make images bigger	
	A technique to make images smaller	
	A technique to isolate features in images	
	A technique to filter out unwanted images	
2.	What is a Pooling?	1 / 1 point
	A technique to reduce the information in an image while maintaining features	
	A technique to make images sharper	
	A technique to combine pictures	
	A technique to isolate features in images	
	○ Correct	
3.	How do Convolutions improve image recognition?	1 / 1 point
	They make processing of images faster	
	They make the image clearer	
	They make the image smaller	
	They isolate features in images	
	○ Correct	
4.	After passing a 3x3 filter over a 28x28 image, how big will the output be?	1 / 1 point
	26x26	
	O 25x25	
	O 28x28	
	○ 31x31	
	After max pooling a 26x26 image with a 2x2 filter, how big will the output be?	1 / 1 point
	O 26x26	
	O 28x28	
	O 56x56	

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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!
Stay the sa	me
○ Faster	
Slower	
✓ Correct	

1 / 1 point