

## ✓ Congratulations! You passed!

They isolate features in images

Next Item

~	1/1 point		
1.			
What i	s a Convolution?		
	A technique to make images smaller		
	A technique to make images bigger		
	A technique to isolate features in images		
Corr	ort		
Con	ett		
	A technique to filter out unwanted images		
<b>~</b>	1/1 point		
2.			
	s a Pooling?		
	A technique to isolate features in images		
	A technique to reduce the information in an image while maintaining features		
Corr	Correct		
	A technique to make images sharper		
	A technique to combine pictures		
<b>~</b>	1/1 point		
3. How d	o Convolutions improve image recognition?		
	They make the image smaller		
	They make processing of images faster		
	They make the image clearer		



4.  After passing a 3x3 filter over a 28x28 image, how big will the output be?  31x31  25x25  28x28  26x26  Correct  1/1 point  5.  After max pooling a 26x26 image with a 2x2 filter, how big will the output be?  26x26  13x13  Correct  56x56  28x28  6.  Applying Convolutions on top of our Deep neural network will make training:  Faster  (a) I 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 DNNI.  Correct  Slower  Slower		
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Correct		
Slower		
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		Slower



Week 3 Quiz Quiz, 6 questions

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