Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 3 Quiz

LATEST SUBMISSION GRADE
100%

1. What is a Convolution? — 1 / 1 point

- A technique to make images smaller
- (•) A technique to isolate features in images
- A technique to filter out unwanted images
- A technique to make images bigger

✓ **Correct**

2. What is a Pooling? — 1 / 1 point

- A technique to combine pictures
- 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

✓ **Correct**

3. How do Convolutions improve image recognition? — 1 / 1 point

- They make the image smaller
- (•) They isolate features in images
- They make processing of images faster
- They make the image clearer

✓ **Correct**

4. After passing a 3x3 filter over a 28x28 image, how big will the output be? — 1 / 1 point

- 31x31
- (•) 26x26
- 25x25
- 28x28

✓ **Correct**

5. After max pooling a 26x26 image with a 2x2 filter, how big will the output be? — 1 / 1 point

- 28x28
- (•) 13x13
- 56x56
- 26x26

✓ **Correct**

6. Applying Convolutions on top of our Deep neural network will make training: — 1 / 1 point

- Faster
- (•) 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
- Stay the same

✓ **Correct**