

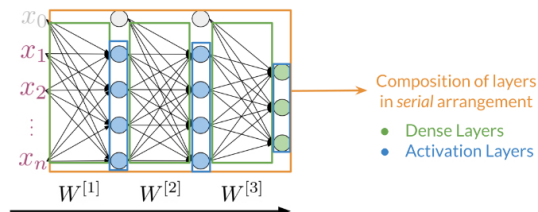
✓ Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

1. How many layers does the following neural network have?

1 / 1 point



- ☐ 1
- ☐ 2
- ☒ 3
- ☐ 4

✓ Correct  
Correct.

2. Let us analyze the following class:

1 / 1 point

```
class MyClass(object):  
    def __init__(self, y):  
        self.y = y  
    def my_method(self, x):  
        return x + self.y  
    def __call__(self, x):  
        return self.my_method(x)
```

```
f = MyClass(12)  
print(f(2))
```

What would be the output above?

- ☒ 14
- ☐ Null
- ☐ 12
- ☐ 2

✓ Correct  
Correct

3. The ReLU layer, is an activation layer that typically follows a dense fully connected layer, and transforms all values between 0 and 1 before sending them on to the next layer.

1 / 1 point

- ☒ False
- ☐ True

✓ Correct  
Correct

4. The ReLU layer is an activation layer that typically follows a dense fully connected layer, and transforms any negative values to 0 before sending them on to the next layer.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct  
Correct

5. For the embedding layer in your model, you'd have to learn a matrix of weights of what size?

1 / 1 point

- ☐ Equal to your vocabulary times the dimension of the number of classes
- ☐ Equal to your vocabulary times the dimension of the number of layers
- ☐ Equal to the dimension of the embedding times the first dimension of the matrix in the first layer.
- ☒ Equal to your vocabulary times the dimension of the embedding

✓ Correct  
Correct.