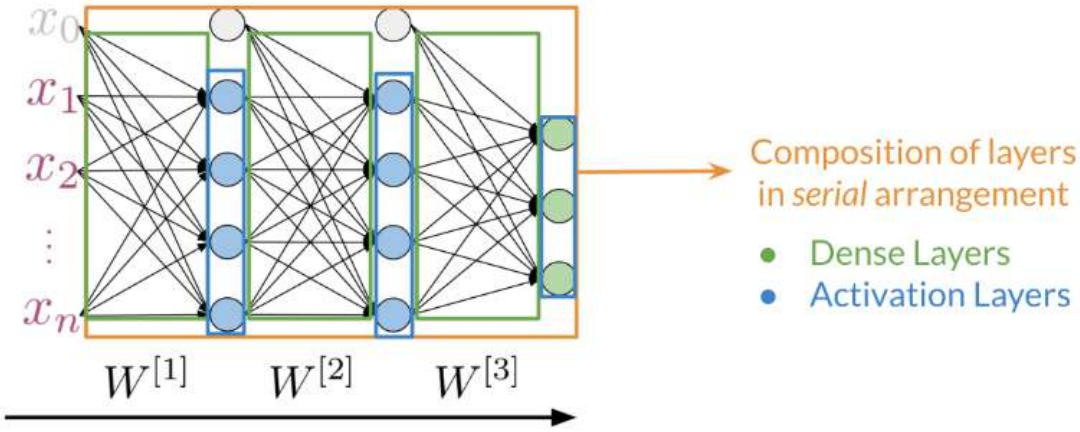
1. How many layers does the following neural network have?

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?

- 2
- 12
- 14
- Null

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**

- ○ True
- ◉ False

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**

- ○ False
- ◉ True

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 embedding
- ( ) 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 number of classes
- ( ) Equal to your vocabulary times the dimension of the number of layers

Correct
Correct.