

## ✓ Congratulations! You passed!

Grade  
received 100%

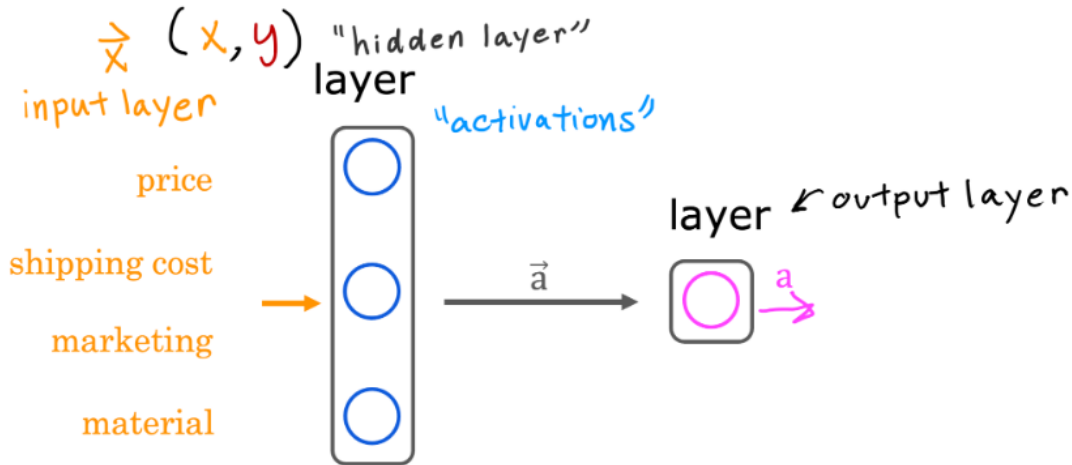
Latest Submission  
Grade 100%

To pass 80% or  
higher

[Go to next item](#)

1.

1 / 1 point



Which of these are terms used to refer to components of an artificial neural network? (hint: three of these are correct)

☒ activation function

✓ **Correct**

Yes, an activation is the number calculated by a neuron (and "activations" in the figure above is a vector that is output by a layer that contains multiple neurons).

☐ axon

☒ layers

✓ **Correct**

Yes, a layer is a grouping of neurons in a neural network

☒ neurons

✓ **Correct**

Yes, a neuron is a part of a neural network

2. True/False? Neural networks take inspiration from, but do not very accurately mimic, how neurons in a biological brain learn.

1 / 1 point

☒ True

☐ False

✓ **Correct**

Artificial neural networks use a very simplified mathematical model of what a biological neuron does.