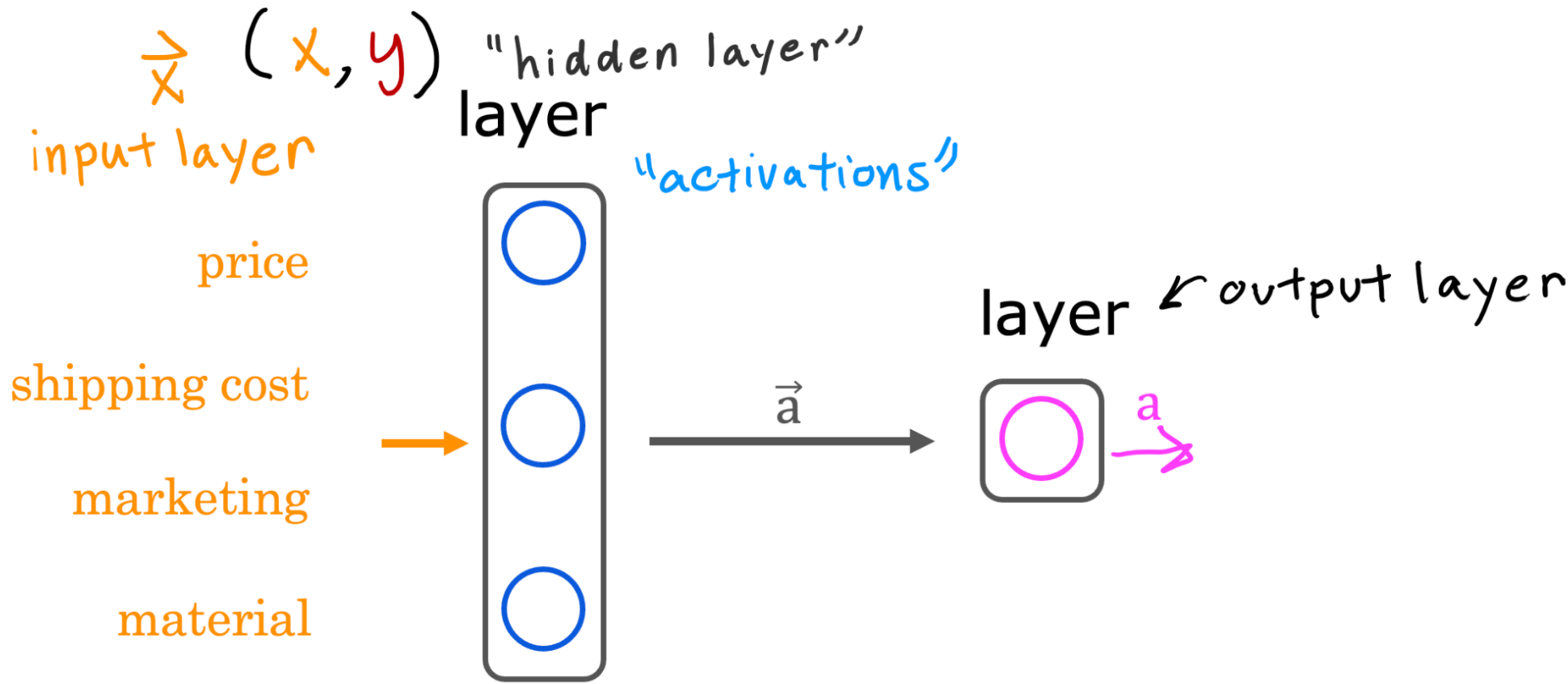**Grade
received** 100%

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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)

☐ axon

☑ neurons

✓ **Correct**
Yes, a neuron is a part of a neural network

☑ layers

✓ **Correct**
Yes, a layer is a grouping of neurons in a neural network

☑ 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).

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.