

Name:

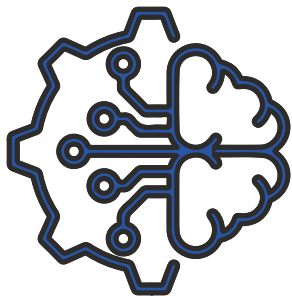
Date:

Word Problem

Using the hint noted on the lower side of this page, draw and label an artificial neural network such that:

- The input layer has seven neurons, and the output layer has one neuron.
- The number of neurons in the next layer is minus two of that in the previous layer.

From your diagram, how many hidden layers does your artificial neural network have?



An artificial neural network can have one or more hidden layer(s). Additionally, it can only have one input layer, and one output layer. The input layer is usually the first layer, on your left. The output layer is usually the last layer on your right. And the hidden layer(s) is in-between the input layer and output layer.