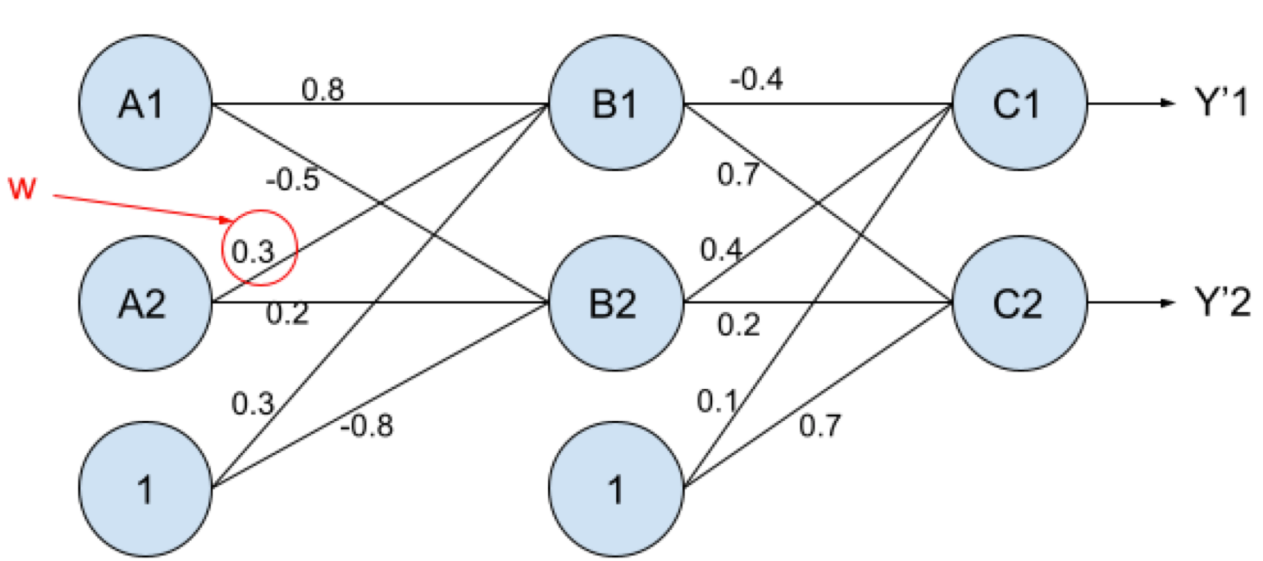
2. The following neural network uses the sigmoid function as the activation function for all nodes. The output nodes indicates whether or not a person has the disease - C1 for no, C2 for yes.



You pass in a training example that has the disease, and get outputs from all of the nodes as follows:

A1 = 0.2	**B1 = 0.7**	**C1 = 0.4**
A2 = 0.8	**B2 = 0.5**	**C2 = 0.6**

Backpropagate the error to adjust the indicated weight (w), using a learning rate of 1. What is the new w after backpropagation?