



Figure 1: Use this neural network to answer the problem below.

3) Using Figure 1, answer the following questions. Assume there are no bias terms contributing to the input nor any of the activations in each layer.

a. How many layers ( $L$ ) are there in this neural network? (2 point)

b. How many classes will this neural network classify? (2 point)

c. What are the dimensions of  $W^{(2)}$ ? (4 points)

d. State the equation for  $a_2^{(3)}$ . (4 points)

# Neural Network Exam Question Solution

**Lei Huang**



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to do with collective behaviour learning and storage capacity and dynamical stability    **TIMS/ORSA Bulletin** ,1992  
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to do for your neck pain for a couple of very good reasons the first reason is that they are designed to put extension forces onto the lower cervical vertebrae which is exactly what you should be doing

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the mckenzie rehabilitation method is a physical therapy methodology that teaches patients exercises to help manage pain that originates in the spine according to wellness com it is also effective at treating chronic neck pain that is caused by long term force in one direction by helping to restore range of motion in your neck

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