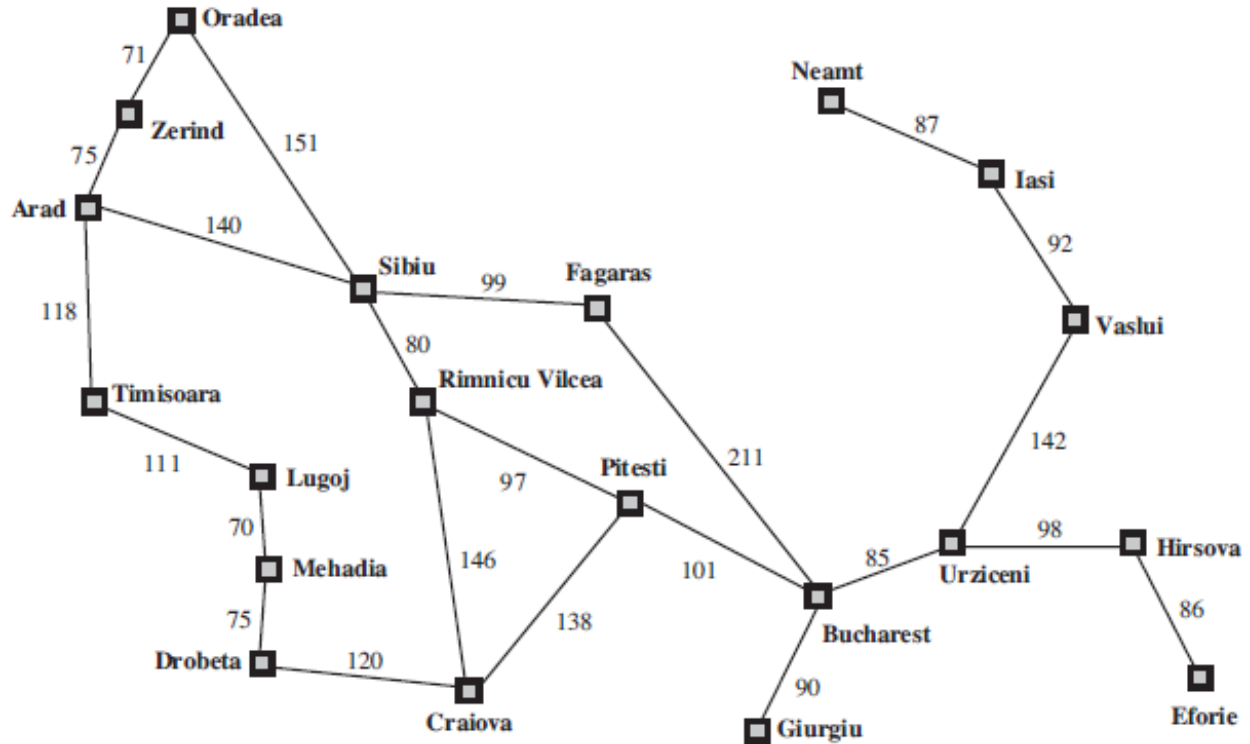## In Class Activity Uninformed Search (ICA3)

Please solve the following two search problems with your neighbor using this worksheet and enter your responses at https://tinyurl.com/AIF19-ICA3A

1. Find a path from Oradea to Giurgiu using the graph search version (i.e., no duplicate nodes in the search tree) of **breadth first search**. *Choose the left-most-node for expansion first.* For example, when expanding the children of Oradea, you will first expand Zerind followed by Sibiu.

2. Find a path from Timisoara to Mehadia using the graph search version (i.e., no duplicate nodes in the search tree) of **depth first search**. *Use alphabetic order when choosing which note to expand first.* For example, when expanding the children of Timisoara, you will first expand Arad followed by Lugoj.