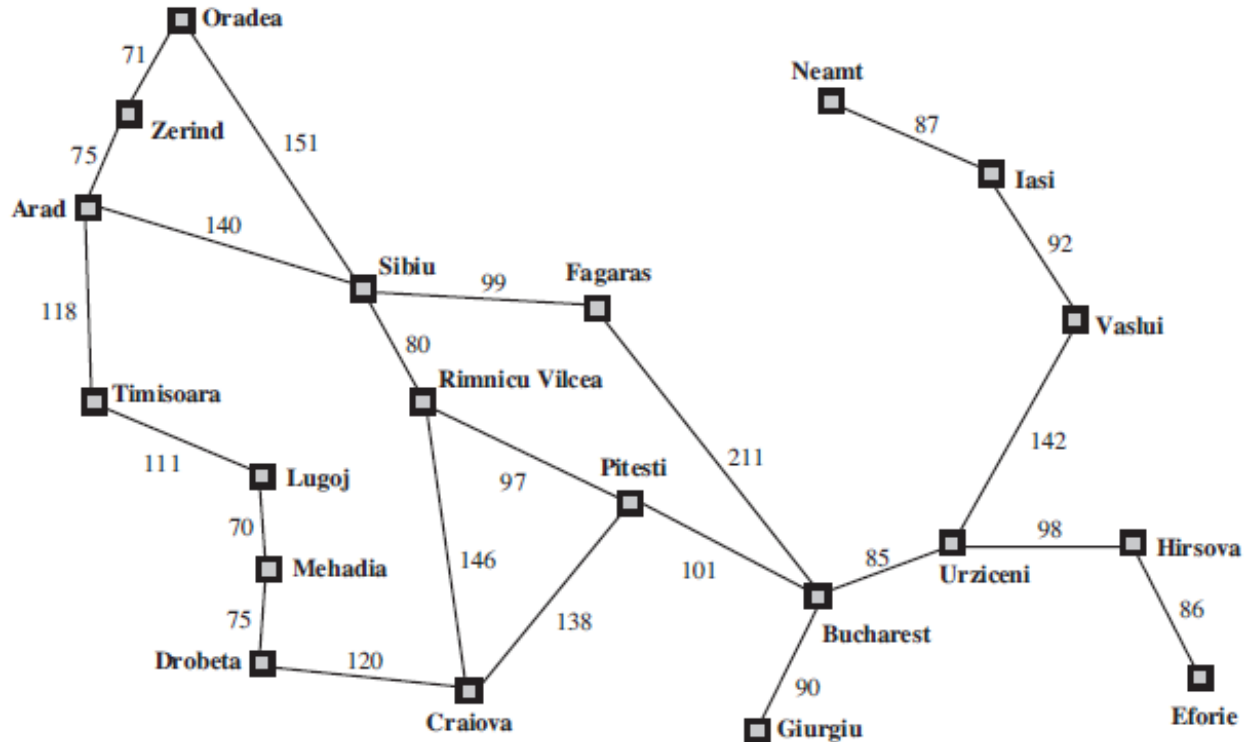


### In Class Activity Uninformed Search (ICA3)

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.

