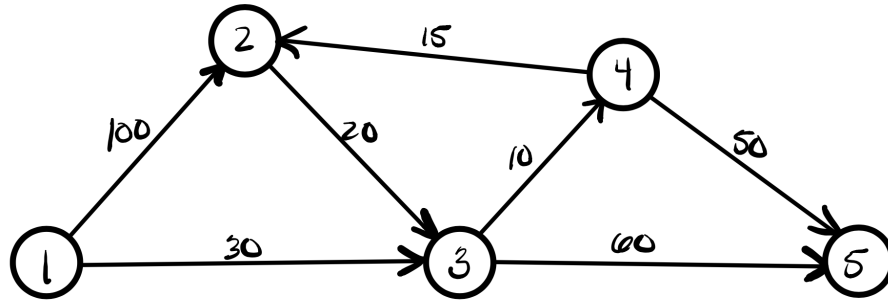
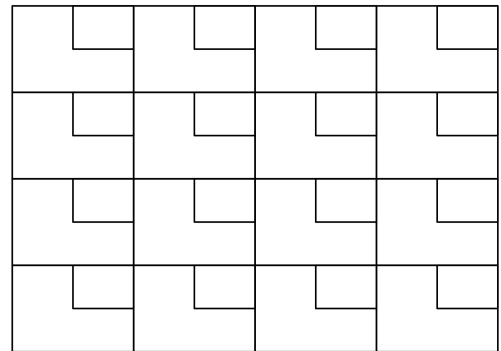
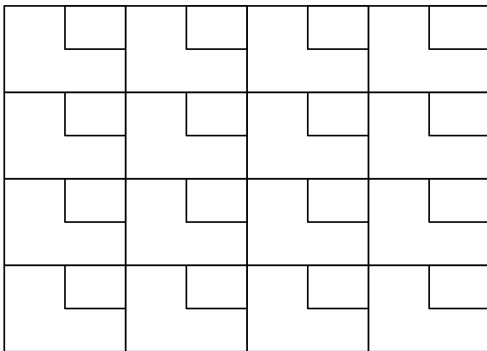


§8.2 (PART 3): TRANSPORTATION FORMULATION OF SHORTEST PATH

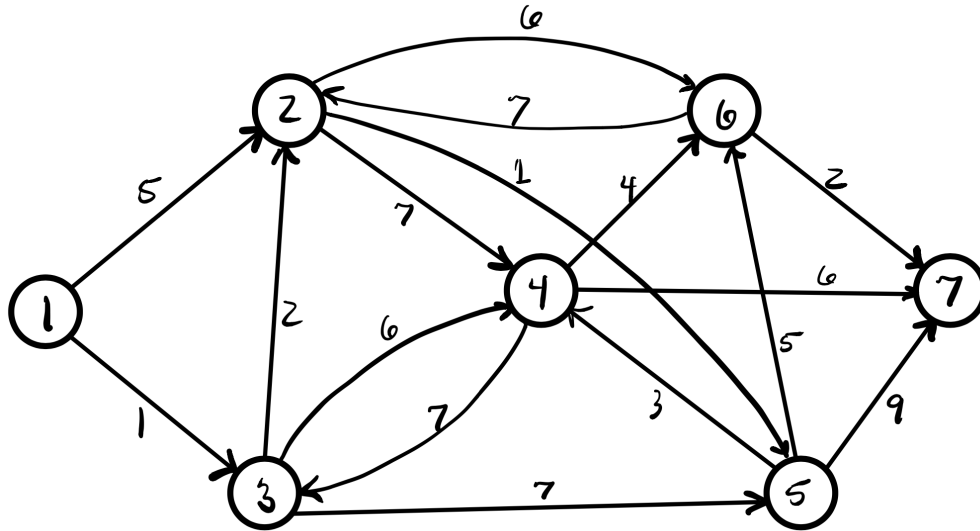
- 1.] Consider the network given below. The graph shows the permissible routes and their lengths in miles between city 1 (node 1) and four other cities (nodes 2 to 5).



Use the grids below to formulate the shortest path problem (a) from node 1 to node 5, and (b) from node 1 to node 2.



2.] Consider the network given below. The graph shows the permissible routes and their lengths in miles between city 1 (node 1) and seven other cities (nodes 2 to 8).



Use the grids below to formulate the shortest path problem (a) from node 1 to node 7, and (b) from node 2 to node 6.

