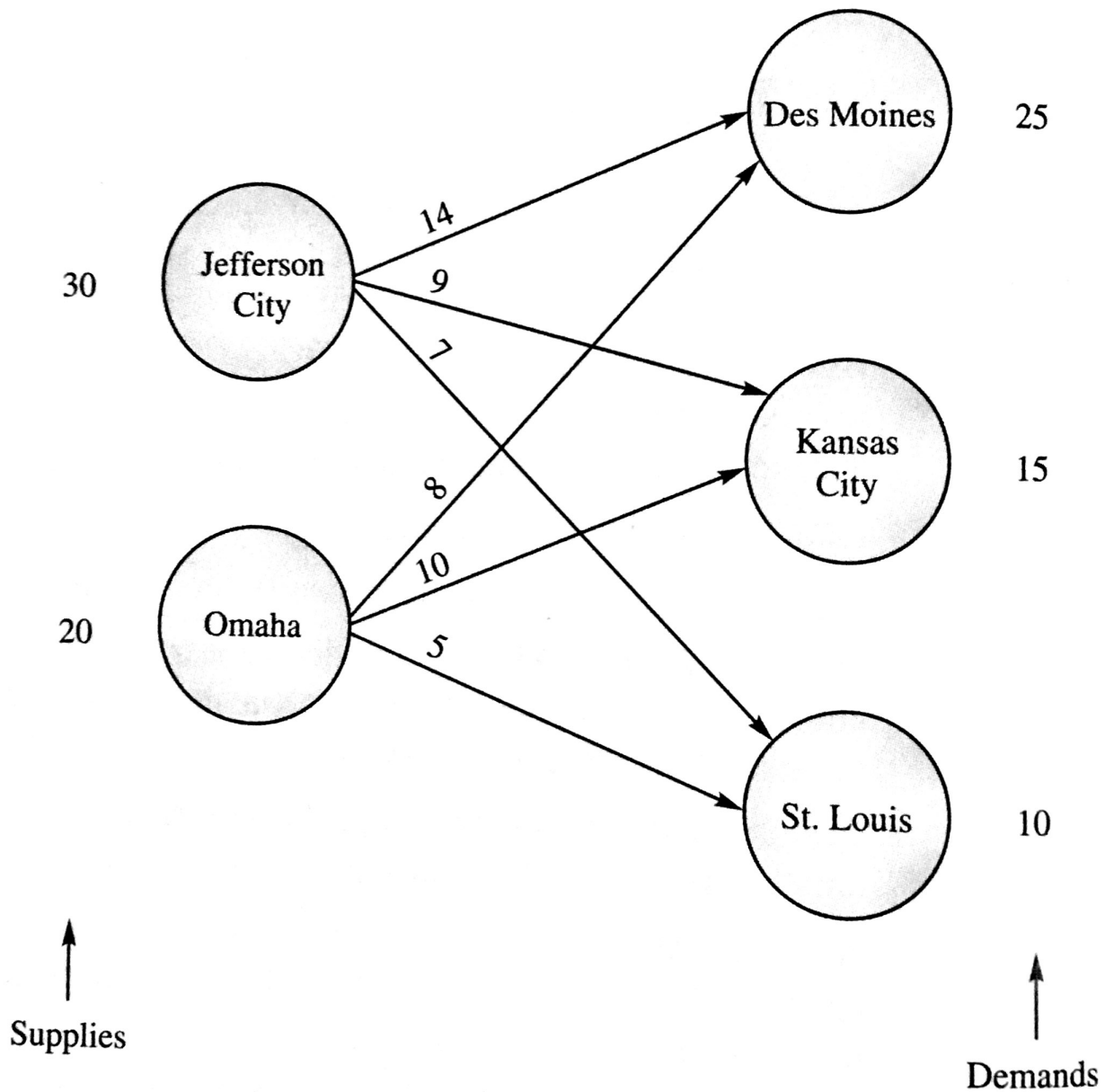


2. Consider the following network representation of a transportation problem:



The supplies, demands, and transportation costs per unit are shown on the network.

- a.** *Develop a linear programming model for this problem; be sure to define the variables in your model.*
- b.** *Solve the linear program to determine the optimal solution.*