Solve the transportation problem below using the Northwest Corner method, the Intuitive Lowest-Cost method, and the Stepping-Stone method.

Plants Supply Destination Demand

Kansas City 35 Chicago 30

Omaha 50 St. Louis 65

Des Moines 50 Cincinnati 40

Total 135 tons Total 135 tons

|  |  |  |  |
| --- | --- | --- | --- |
|  | Transport cost from Plants to Destinations ($/ton) | | |
| Plants | Chicago | St. Louis | Cincinnati |
| Kansas City  Omaha  Des Moines | $4  6  8 | 3  7  2 | 3  6  5 |