

§7.2: FINDING A BFS OF A TRANSPORTATION PROBLEM

1.] Use the Northwest Corner method to find a bfs to the Transportation LP given by the grid below.

	10	2	20	11	Supply
					15
	12	7	9	20	25
	4	14	16	18	10
<u>Demand</u>	5	15	15	15	

What is the initial objective function value of this bfs?

2.] Use the Minimum-Cost method to find a bfs to the Transportation LP given by the grid below.

	10	2	20	11	Supply
					15
	12	7	9	20	25
	4	14	16	18	10
<u>Demand</u>	5	15	15	15	

What is the initial objective function value of this bfs?

3.] Use Vogel's method to find a bfs to the Transportation LP given by the grid below.

	10	2	20	11	Supply
					15
	12	7	9	20	25
	4	14	16	18	10
Demand	5	15	15	15	

What is the initial objective function value of this bfs?