

§7.3 (PART 1): TRANSPORTATION SIMPLEX METHOD

1.] Solve the following Transportation LP using the Transportation Simplex Method:

(a) Starting iteration:

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

(b) Iteration 1 Calculations:

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

(c) Iteration 1:

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

(d) Iteration 2 Calculations:

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

(e) Iteration 2:

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