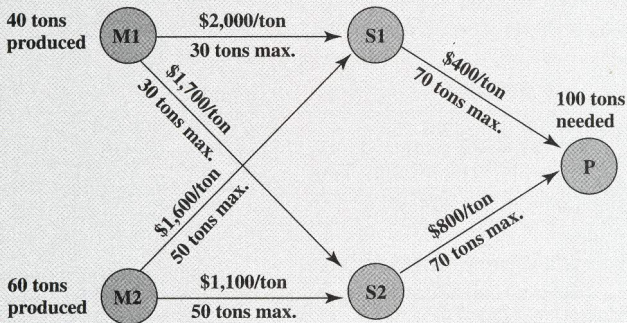


diagram also shows the monthly amounts produced at the mines and needed at the plant, as well as the shipping cost and the maximum amount that can be shipped per month through each shipping lane.



Management now wants to determine the most economical plan for shipping the iron ore from the mines through the distribution network to the steel plant.

- a. Identify all the requirements that will need to be expressed in fixed-requirement constraints.
- E* b. Formulate and solve a linear programming model for this problem on a spreadsheet.
- c. Express this model in algebraic form.