

Exercise 1.3.

A firm producing a certain good P has two plants. Each plant produces 90 tons of P monthly, and the good is distributed in three different markets. Table 1.3 shows the unit costs of shipping 1 ton of good P from a given plant to a given market. The firm wants to send the same number of tons to each market and minimize the total cost. Formulate the corresponding linear programming problem.

Plants	Markets		
	Market ₁	Market ₂	Market ₃
$Plant_1$	1	3	5
$Plant_2$	2	5	4