

Module 10

MEMORANDUM TO: CSF Leadership and Management

FROM: Sara Ahmed

DATE: 1/4/2025

RE: Production changes to maximize revenue

Dear Management,

I am writing to report on my findings based on linear optimization models of our manufacturing. We currently produce 3 types of products table chairs, easy chairs, and loveseats. Two products are to be introduced: coffee tables and end tables.

Based on the model, I recommend discontinuing production on table chairs while maximizing production of coffee tables and end tables at 10 pieces a week each. Additionally, 4 units of easy chairs and 20 units of love seats are to be produced .This efficiently utilizes production processes such as framing, stretching and finishing while responding to our production constraints.

Kind regards,

Sara Ahed.



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