QUICK QUESTION 3 (2/2 points)

In the previous video, we set up an optimization problem with 2 different types of tickets.

How many decision variables would we have if there were 4 different types of tickets?

4

4

Answer: 4

How many constraints would we have if there were 4 different types of tickets (with two different types of tickets, our model has 5 constraints: one capacity constraint, two demand constraints, and two non-negativity constraints)?

9

9

Answer: 9

EXPLANATION

If our model had 4 different types of tickets, we would have four decision variables, one for each type of ticket. We would have 9 constraints, since we would need one capacity constraint, 4 demand constraints, and 4 non-negativity constraints.

Check Save Hide Answer *You have used 1 of 3 submissions*

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