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Quick Question

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1/2 points (graded)

Using the visualization we created in the previous video, answer the following questions:

Suppose that our demand for regular seats remains the same (100) but our demand for discount seats goes down to 100. Will our optimal solution change?

- (●) Yes ✖
- ( ) No ✔
- ( ) I can't answer this question using the visualization.

Now suppose that our demand for regular seats remains the same (100) but our demand for discount seats goes down to 50. Will our optimal solution change?

- [x] Yes ✔
- [ ] No
- [ ] I can't answer this question using the visualization.

Explanation
In the first case, our optimal solution will not change because we are only offering 66 discount seats. So even if the demand goes down to 100, we are not meeting the demand. But in the second case, we can only offer 50 discount seats. So our airplane will not be full, and our optimal solution will change to 100 regular seats and 50 discount seats.

Submit You have used 1 of 1 attempt

Answers are displayed within the problem