



Bookmarks



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LectureLecture questions due Oct 11,
2016 at 19:30 IST**Recitation****Problem Set 5**Homework 5 due Oct 11, 2016 at
19:30 IST

Week 5 > Lecture > Cost Coefficient 1 Exercise

PART A

(1 point possible)

Consider the R/G widget problem.

Recall that the optimal objective value is 21, and there is a constraint $R + G \leq 8$. Suppose we change the RHS of the constraint from 8 to 6. What is the new objective value? You may need to review the sensitivity report in the video.

☒ 17 ✓☐ 19☐ 21☐ 23☐ 25

You have used 1 of 2 submissions

PART B

(1/1 point)

Suppose we further restrict the sum to 5. What is the new objective value? You may need to review the sensitivity report in the video.

☒ Not enough information ✓

☐ 15

☐ 17

☐ 18

☐ 21

EXPLANATION

Solution

The correct answer is:

Not enough information. The actual decrease in the RHS is 3, but the allowable decrease was only 2.

You have used 2 of 2 submissions

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