

Suggested Problems

Set 7

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Problem 1

Solve the second problem on pages 64-65 of your textbook.

Problem 2

Solve Problem 5.3.

Problem 3

Solve the following problem using the revised simplex algorithm:

$$\text{maximize } 2x_1 + x_2 + 3x_3$$

subject to:

$$x_1 + x_3 \leq 3$$

$$x_1 + x_2 \leq 2$$

$$x_2 + x_3 \leq 1$$