

SOLUTIONS TO EXERCISES

[Last updated 7/7/2015]

Chapter 7.

1. The simplest integer program is the knapsack problem (one constraint).
2. The non-integer least upper bound and non-integer greatest lower bound are the optimal values of the associated linear program.
3. Yes; this makes it easier because not values such as 0.5 and 3.7 are acceptable.
4. Either there is no integer solution, or we should not use the associated linear program as the starting point for our solution.