

Homework 7

MATH 120

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1. Problem 15.1 on page 282.
2. Problem 15.3 on page 283.
3. Problem 15.4 on page 283.
4. Problem 15.5 on page 284.
5. Problem 15.7 page 284.
6. Problem 15.8 on page 284.
7. Minimize $x - y$ subject to

$$x - 5y \leq 0$$

$$4x - y \leq 2$$

$$x + y \leq 18$$

$$x, y \geq 0.$$