Math 220 - Discrete Mathematics - Fall 2016
Homework 2a
Due Monday, September 19

1. Book Problems

Section 1.7 # 1, 2, 3, 6, 7, 11, 14
Section 1.5 # 2, 3, 6, 7, 9, 10
Section 1.6 # 2, 3, 6

2. Additional Problems

(1) For finite sets A and B, can you give an expression as to what $|A \cup B|$ would be? Explain your reasoning. *Hint:* It will involve the quantities $|A|$, $|B|$, and $|A \cap B|$.