

Homework 1

Due: Friday, September 2nd, 11:59 pm.

Instructions: Please scan or typeset your solutions and upload them as a single pdf file to Canvas. All handwritten parts must be legible.

Readings: Chapter 1, Chapter 2, Sections 3.1 - 3.4

Textbook problems:

Section 2.5: 1, 3.

Section 3.7: 1, 7, 8

Problems by learning objectives:

Question	Goal: to reinforce...
2.5.1	Unions and intersections
2.5.3	Complements
3.7.1	Manipulation of event probabilities (discrete)
3.7.7	Disjoint events, independent events, conditional probability
3.7.8	Application of conditional probability.