Homework 6, Due Friday March 9.

8.1: 8.1.7, 8.1.9, 8.1.17

8.2: 8.2.2, 8.2.5, 8.2.6, 8.2.7, 8.2.11, 8.2.12, 8.2.13 (see below)

In 8.2.13 on part a) there is a typo it says "such that for", when it should say "such that for all $c \in \mathbb{R}^n$". The inequality is the conclusion.