It just keeps coming...

**Homework 5: Due Friday, October 7**

The next few assignments will cover story problems. This one starts with max-min problems. In general, you will need to find a formula for the thing that you want to optimize, find constraints relating all of the variables to just one independent variable, then check the end points, points where $y'$ is undefined and zero.

**sec 4.1 page 283**: 3, 6, 50, 53, 58, 70

**sec 4.7 page 336**: 4, 8, 12, 21, 31, 38, 40

**sec 4.8 page 346**: 1, 19, 22