Math 1720 Homework 11, due Friday April 13.
Explain all answers and show all calculations.

(Some problems might get moved to homework 12, depending on what we get done in class Monday/Wednesday.)
8.3: moved to homework 12.
8.4: 13, 16, 20, 24, 30(note), 35, 54(hint), 58(hint)
Problem A

Note: for problem 8.4: 30, for now it suffices to just find the partial fraction form (which includes finding the various constants A, B, etc.). You can complete the actual integral itself on homework 12.
Hint: In 54 and 58, make a substitution first, then apply partial fractions.

A: Integrate
$$\int_5^6 \frac{x}{4x^2 + 4x - 1}.$$

To be included in HW12: 8.3: 49, 52
8.4: 30(final integration)