

Calculus II Honors Fall 2009

Homework 9

Due: Wed. Nov. 4, start of class

Instructions: Please read the homework policies and guidelines posted on the course webpage. You may *not* use a calculator (or computer) except where stated. Make sure to write your name, course and section numbers in the top right corner of your solution set, as well as the assignment number on top. Page/section numbers refer to the course text.

Written Assignment

Total: 100 points.

All problems are worth 10 points.

Section 8.4: 9, 15, 23, 30, 34, 47, 48, 57, 61, 66

Hint: If you have a polynomial $p(x)$ you don't know how to factor, look for a simple root α of the polynomial ($p(\alpha) = 0$), and divide $p(x)$ by $x - \alpha$.