Math 1050-006 Homework 6
Assigned: 10/17/2012
Due: 10/24/2012

Please clearly identify which problems you are working on.
Please staple all your solutions together and write your name and student id number clearly on
the top of the first page.
Show all work for full credit!!

Book Problems:

1) Quadratic Polynomials: 1-4
2) Factoring Polynomials: 1-4, 9-11 (show that it is a root), 12, 14, 16, 17
3) Graphing Polynomials: 1-4, 7, 8, 11

Additional Problems:

1) Is \(3(x^2+1)(x-2)(x+4)(x^2-4x+3)\) completely factored?
2) Completely factor \(p(x)=2x^4+10x^3+10x^2-10x-12\)