Homework 1
PHZ 3113
Due Friday, January 15, 2010
Chapter 1

1. Boas, Section 6, Problem 28
2. Boas, Section 10, Problem 5
3. Use the Mclaurin series to evaluate
   \[ \frac{d^4}{dx^4} \ln (1 + x^3) \]
   at \( x = 0 \).
4. Boas, Section 15, Problem 27.