Homework 3

Points: 100 **Due Date**: Friday, November 11, 1999 at 11:59PM

1. (*20 points*) Chapter 1, exercise 4
2. (*20 points*) Chapter 1, exercise 9
3. (*20 points*) Chapter 2, exercise 4
4. (*20 points*) Find keys d and e for the RSA cryptosystem where $p = 7$ and $q = 11$.
5. (*20 points*) Chapter 20, exercise 4

Extra Credit

6. (*10 points*) Chapter 2, exercise 17
7. (*10 points*) Chapter 20, exercise 5