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