Assignment 1 is due September 10, 2002

1. How many years will it take for an investment to grow by a factor of $k$ if the interest rate is $r\%$ compounded (a) annually, (b) semiannually, (c) quarterly, (d) monthly, (e) weekly, (f) daily, and (g) continuously?

2. Solve problem 1 for $k = 2$, and $r\% = 12\%$, and for $k = 10$, and $r = 10.5\%$.


5. Parts (a), (b), and (c) of Problem 2.14 in Textbook.