1. Anthony bought a government savings bond for $1,600. He was told that when the bond can be cashed in 8 years that he would get $2,688.04. If the interest on the bond is compounded annually, what is the interest rate on the bond?

2. The Party Bank offers a three year CD that pays 4.13% interest compounded continuously. Al deposited $4,180. How much will Al's account be worth in three years.

3. The local government projects that the town will grow at a constant rate of thirty-seven percent per year. At this rate, how many years will it take the town's population to be six times its current size?

4. Bill has a government bond that will be worth $14,242.30 in ten years. The bond has an interest rate of 8% that is compounded semiannually. What is the present value of the bond?