2) If $6,543.21 is deposited into an account earning 7.6% compounded monthly and left there for 15 years, how much will the account be worth? How much interest will be earned?

3) If $90 is deposited into an account at the end of each year for ten years at 12% compounded annually, how much will be in the account at the end of ten years? How much is actually deposited and how much interest is earned?

4) If $5234.17 is deposited into an account at the end of each year for 13 years at 9.35% compounded annually, how much will be in the account at the end of the 13 years? How much interest is earned?

5) If $3,400 is deposited in an account paying an annual interest rate of 7.25% compounded quarterly and left there for six years, how much will be in the account at the end of the six years? How much interest will be earned?

6) How much money must be deposited now into an account paying a rate of 9% compounded annually so that $3000 can be withdrawn in 10 years?

7) What is the present value of an account paying 8% compounded monthly that will contain $23,000 after 14 years?

8) Lucy has found an account that will guarantee her a return of 4% compounded monthly. She wants to give her newborn niece a gift for college on her seventeenth birthday. If Lucy plans to give her niece $20,000, how much must she deposit today to have the money?

9) John works part-time and earns $100 each week. He deposits his earnings at the end of each month in an account which pays 6.8% compounded monthly. If he does this consistently for three years, will he have enough to buy the $15,000 car he's hoping to get? (Assume 4 weeks in a month.)

10) Terry wants to make equal payments at the end of each month in an account paying 11% interest compounded monthly to save $5,000 in two years to buy a boat. What should her monthly deposits be?

11) How long would it take for $12000 to double in value (be worth $24,000) if it were invested in an account which pays 5.73% compounded semiannually?

12) If $2600 is deposited in an account paying 9% compounded semiannually, how many years will it take for the money to double?

13) Fred and Kay plan to buy some land in the mountains. They need a down payment of $35,000 but they only have $25,000. They decide to invest the $25,000 in an account paying 11% compounded daily. How long will they have to wait until they have enough for the down payment?

14) If you have $800 to invest for two years, which is the better investment: 7.5% compounded annually or 7.3% compounded monthly?

15) Meg won $100,000 on a game show that she will receive in five years, when she turns 18. How much will the game show have to deposit today into an account paying 8% compounded monthly, in order to have Meg's money in five years?

16) What is the present value of $50 deposited each quarter into an account paying 7% compounded quarterly after 20 years?

17) If Karen deposits $3000 every six months into an account paying 7% compounded semi-annually, how long will it take to have $150,000 in the account?