Use compound interest to solve the following.

1. How much interest is earned on $710 at 5% compounded annually for four years?

   _____

2. Your final balance on an investment of $360 invested at 6% compounded annually was $454.49. For what period of time did you invest?

   _____

3. If a principal of $996 was invested at a rate of 10% compounded annually and terminates with a balance of $1,764.47, how long was the money invested for?

   _____

4. The cost of a loan for $757 over two years is $109.69 compounded annually. What was the rate on the loan?

   _____

5. At what rate was an investment made that obtains $303.34 in interest compounded annually on $976 over four years?

   _____

6. You invested $490 and after six years the total amount of the investment was $777.57. What was the interest rate if it was compounded annually?

   _____

7. If a principal of $900 was invested at a rate of 3% compounded annually and terminates with a balance of $1,106.89, how long was the money invested for?

   _____

8. You take out a loan for $478 at an interest rate of 8% compounded annually for one year. What is the total amount that you will have at the end of the one year?

   _____

9. The cost of a loan for $422 over three years is $39.13 compounded annually. What was the rate on the loan?

   _____

10. The ending balance on an investment is $982.28. If the principal was invested at 10% compounded annually for three years, what was the principal?

   _____