Use compound interest to solve the following.

1. If you put $311 in a savings account that pays 8% compounded daily for eight years what is the amount of money you will have at the end of the eight years?

   $589.76

2. If you borrow $774 for nine years at an interest rate of 3% compounded daily, how much interest will you pay?

   $239.90

3. If you put $410 in a savings account that pays 8% compounded daily for seven years what is the amount of money you will have at the end of the seven years?

   $717.73

4. If you put money into a savings account that earns $982.14 over seven years at a rate of 10% compounded daily, how much money did you put into the account?

   $969

5. You invested $503 and after two years the total amount of the investment was $590.27. What was the interest rate if it was compounded daily?

   8%

6. If you invest $875 at an interest rate of 6% compounded daily, how much money will you have after four years?

   $1,112.32

7. What was the interest rate if your balance on an investment of $479 at the end of eight years is $659.63 and the interest was compounded daily?

   4%

8. If you put money into a savings account that earns $68.04 over two years at a rate of 4% compounded daily, how much money did you put into the account?

   $817

9. Your final balance on an investment of $905 invested at 10% compounded daily was $1,648.88. For what period of time did you invest?

   six years

10. How long must $313 be invested at a rate of 4% compounded daily to earn $84.90 in interest?

    six years