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?
- 2. If you borrow \$774 for nine years at an interest rate of 3% compounded daily, how much interest will you pay?
- 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?
- 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?
- 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?
- 6. If you invest \$875 at an interest rate of 6% compounded daily, how much money will you have after four years?
- 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?
- 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?
- 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?
- 10. How long must \$313 be invested at a rate of 4% compounded daily to earn \$84.90 in interest?