
Use compound interest to solve the following.

1. How much interest is earned on \$590 at 9% compounded weekly for six years?

2. If the balance at the end of eight years on an investment of \$897 that has been invested at a rate of 6% compounded weekly is \$1,449.22, how much was the interest?

3. \$72.10 is earned on funds invested at a rate of 5% compounded weekly over five years. What was the amount of the original investment?

4. The ending balance on an investment is \$1,333.61. If the principal was invested at 7% compounded weekly for five years, what was the principal?

5. You put \$383 into a savings account with an interest rate of 10% compounded weekly which earns \$133.85 over a period of time. How long was the period of time?

6. The cost of a loan for \$460 over three years is \$124.67 compounded weekly. What was the rate on the loan?

7. You put \$116 into an investment at 6% compounded weekly for four years. What will the balance be at the end of four years?

8. The ending balance on an investment is \$758.14. If the principal was invested at 9% compounded weekly for seven years, what was the principal?

9. If you put \$791 into a savings account and after one year the balance is \$823.27, what was the interest rate if it was compounded weekly?

10. If you borrow \$433 for nine years at an interest rate of 10% compounded weekly, how much interest will you pay?
