
Use simple annual interest to solve the following.

1. How long must \$217 be invested at a rate of 6% to earn \$78.12 in interest?

2. How much interest is earned on a principal of \$374 invested at an interest rate of 3% for nine years?

3. If a principal of \$202 was invested at a rate of 10% and terminates with a balance of \$222.20, how long was the money invested for?

4. If you borrow \$894 for four years at an interest rate of 3%, how much interest will you pay?

5. If you put \$583 into a savings account and after five years the balance is \$699.60, what was the interest rate?

6. If an investment over nine years at a rate of \$599.40 results in a final balance of \$1,339.40, what was the original investment?

7. If you received \$47.16 on \$393 invested at a rate of 3%, for how long did you invest the principal?

8. How much principal must be invested to earn \$51.30 in nine years at an interest rate of 3%?

9. You put \$643 into an investment at 3% for one year. What will the balance be at the end of one year?

10. If you received \$47.76 on \$199 invested at a rate of 4%, for how long did you invest the principal?
