Name _____   Date _____

Version 1: Compound Interest

1. **Mike Miles deposited $6,500 in a new regular savings account that earns 6.5 % interest compounded semiannually. He made no other deposits or withdrawals.**
a. **What was the amount in the account at the end of 1 year?**
b. **What is the compound interest?**
c. **What is the compound interest after 1 ½ years?**
d. **What is the amount?**

2. **Trudy Aden deposited $1,350 in a new credit union savings account on the first of the quarter. The principal earns 3.56% interest compounded quarterly. She made no other deposits or withdrawals.**
   a. **What was the amount in her account at the end of 6 months?**
   b. **What is the compound interest?**
   c. **What was her account's amount at the end of one year?**
   d. **What is the compound interest?**

3. **Joe Cool deposited $10,900 in a new savings account on March 1. The account earns 5.5% interest compounded monthly.**
   a. **How much was in the account on June 1?**
   b. **What is the compound interest?**
   c. **How much was in the account on August 1?**
   d. **What is the compound interest?**

4. **Jean Clen had $6,789 deposited in an account paying 5.45% interest compounded semiannually.**
   a. **How much would he have in her account after 1 year?**
   b. **What is the compound interest?**
   c. **What amount will be in her account after 2 years?**
   d. **What is the compound interest?**

5. **You deposit $2,100 in a special savings account. The account earns interest at a rate of 3.5% compounded semiannually.**
   a. **What amount will be in your account at the end of 6 months if no deposits or withdrawals are made?**
   b. **What is the compound interest?**
   c. **You make a withdrawal of $600 at the end of month six. What amount will be in your account at the end of the 1st year?**
   d. **What is the compound interest?**