1. Alina borrowed $2920 from the bank for 4 months. The bank discounted the note at 9%. Find:
   a. the interest she must pay to the bank on the day she received the loan.
   b. The actual rate she paid for the loan.

2. If $2650 is invested for 5 years @ 9.5% compounded semiannually, find:
   a. the amount
   b. the interest at the end of 5 years