1. Zack borrows $3,000 for 6 months at 8.5% simple interest.

   (a) How much money will he need to pay back?
   (b) How much is Zack paying in interest?

2. Jessie deposits $2,000 in a credit union CD paying $4_{1\over 2}$% simple interest with a term of 5 months, how much will be in the CD at the end of 5 months?

3. Kelly deposited $2,300 into a savings account that pays 3.85% simple interest, she leaves the money in the bank for 90 days. Find the value of her account after 90 days.

4. Repeat question 3 using 366 days rather than 365 for the number of days in a year. How much does the answer change?

5. Redo question 3 using Bankers rule.

6. (Optional) Mrs. Bliss deposited $1,104.20 into an account that pays 3.7% simple interest.

   (a) How much money will be in her account after 311 days?
   (b) How much interest did she earn in the 311 days?