1. Determine the accumulated values of the following loans.

   (a) A $1200 loan for 7 months at 5% simple interest.
   (b) An $8000 loan for 4 years at 12.5% simple interest.
   (c) A $500 loan for 99 days at 10% simple interest. (Note: there are 365 days in a year.)
   (d) A $750 loan for 15 weeks at 13.25% simple interest. (Note: there are 52 weeks in a year.)

2. Determine the principal value if a savings account holds $3600 after 10 years at 8% simple interest.

3. A loan of $100 is to be repaid with $120 at the end of 10 months. What is the annual simple interest rate?

4. How long will it take $3000 to earn $60 interest at 6% simple interest?

5. Determine the accumulated values of the following loans.

   (a) A $2000 loan for 4 years at 5% interest compounded annually.
   (b) A $100 loan for 25 years at 7.5% interest compounded annually.

6. Determine the principal value:

   (a) If a savings account holds $7500 after 10 years at 8% interest compounded annually.
   (b) If a savings account holds $25000 after 50 years at 4.5% interest compounded annually.
7. Determine what amount must be invested at a rate of 5% to accumulate $S = 5000 at the end of four years under
   
   (a) simple interest;
   
   (b) compound interest (compounded annually).

8. Determine the accumulated values of the following loans.
   
   (a) A $1000 loan for 3 years at 13% interest compounded weekly.

   (b) A $500 loan for 25 years at 4% interest compounded semi-annually.

9. Determine the principal value:
   
   (a) If a savings account holds $6000 after 10 years at 15% interest compounded quarterly.

   (b) If a savings account holds $25000 after 50 years at 12% interest compounded monthly.