**6.6/7 Personal Loans, Lines of Credit, and Overdrafts: Assignment**

1. Barou borrowed $250.00 from a payday loan company and had to repay $275.00 in 15 days. Calculate the annual interest rate.

2. Hayden borrowed $400.00 and paid back $415.00 in 10 days.

a) What was the annual interest rate?

b) What was the daily interest rate?

3. Chantal borrowed $200.00 from a payday loan store. She paid back the loan plus

interest 7 days later. The interest rate was 395% per annum. How much interest

did she pay?

4. Arleta borrowed $500.00 for 25 days at 1.12% per day. How much did she have

to repay?

5. Helen agreed to pay $781.50 to a company that lent her $750.00 at 1.05% per day.

How many days did she have the money?

6. Hans borrowed $1000.00 for 60 days at a rate of 0.50% per day.

a) How much will he have to repay?

b) What is the annual interest rate?

*For these questions, you will need the Personal Loan Payment Calculator table on p. 3 of your notes.*

7. Calculate the monthly payment, the total amount paid, and the finance charge for the following loans:

a) $3000.00 at 9.00% per annum for 2 years;

b) $2125.00 at 7.25% per annum for 3 years; and

c) $11 500.00 at 4.75% per annum for 4 years.

8. Adele wants to buy a used car that costs $2900.00. She has $1100.00 saved up for a down payment.

a) How much will Adele have to borrow to buy the car?

b) She can get a loan at 6.50% per annum with an amortization period of 2 years.

What will be her monthly payment?

c) What will be the total she pays for the loan?

d) How much will the car cost?