



Section 3.1 Extra Practice

1. A bank charges \$4.50 per month for managing an account. The account fee allows 6 transactions each month. Additional transactions are \$1.00 each. Determine the monthly account fee for the following number of transactions.
  - a) 0
  - b) 5
  - c) 10
  - d) 15
2. A credit union has a special account for full-time students. This account has no monthly charges and no transaction fees. Determine the monthly account fee for the following number of transactions.
  - a) 0
  - b) 5
  - c) 10
  - d) 15
3. One of the most popular four-digit PINs for a bank card is 2580.
  - a) Why would someone choose 2580? **Hint:** Look at the number pad on your cell phone.
  - b) What is the risk of selecting this kind of PIN?
  - c) Give three other number combinations that you think should not be used.
4. Francine uses her debit card instead of cash. She estimates that she uses her debit card at least twice a day.
  - a) Estimate the number of banking transactions Francine will make this month.
  - b) What type of account should Francine use?
5. Once a week, Andrew uses his debit card at an ATM in his bank to withdraw enough cash for the week.
  - a) Estimate the number of banking transactions Andrew will make next month.
  - b) What type of account should Andrew use?
6. Dale used his debit card to withdraw \$40 from an ATM in a convenience store. The ATM charged him a \$2.00 fee. Dale's bank charged him \$2.75 for using the ATM at the convenience store.
  - a) What was the total of the fees charged?
  - b) Express the total of the fees charged as a percent of the \$40 Dale withdrew.

1a) 4.50  
(no additional transactions).

b) \$4.50  
(No additional Transactions)

c) 10 - 6 (Amount allowed)  
(Amount made)

$$\begin{aligned}
 &= 4 \\
 &= 4.50 + 4(1.00) \\
 &= 4.50 + 4 \\
 &= 8.50 \\
 \text{d) } &15 - 6 = 9 \\
 &4.50 + 9(1.00) \\
 &4.50 + 9 \\
 &= 13.50
 \end{aligned}$$