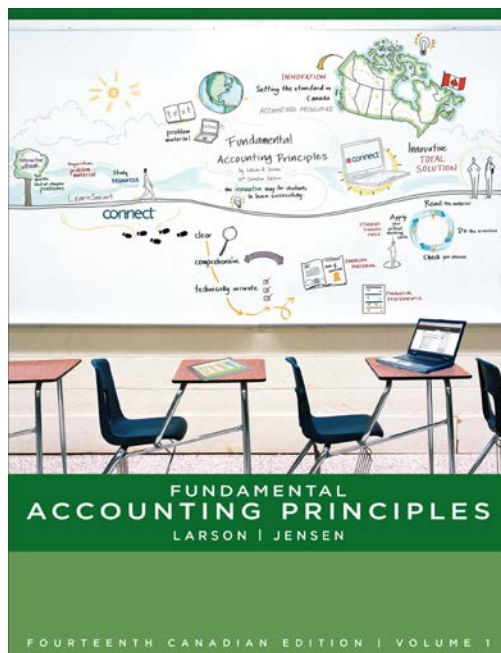


Last revised: October 26, 2012

SOLUTIONS MANUAL
to accompany
Fundamental Accounting Principles
14th Canadian Edition
by Larson/Jensen



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Chapter 2 Analyzing and Recording Transactions

Chapter Opening Critical Thinking Challenge Questions*

“Financial health” can be interpreted in a number of ways. It could refer to an organization’s ability to meet long-term goals. One of the key factors in predicting long-term viability is to have an accurate understanding of the organization’s financial position. From an operational perspective, “financial health” could mean having adequate resources and systems in place to meet current objectives.

***The Chapter 2 Critical Thinking Challenge questions are asked at the beginning of the chapter. Students are reminded at the conclusion of the chapter, to refer to the Critical Thinking Challenge questions at the beginning of the chapter. The solutions to the Critical Thinking Challenge questions are available here in the Solutions Manual and accessible to students on the Online Learning Centre.**

Concept Review Questions

1. The fundamental steps in the accounting process are those involved in the accounting cycle: Analyze transactions to determine if an economic exchange has taken place and, if so, journalize and post the transaction. An unadjusted trial balance is then prepared to help identify potential adjustments. Appropriate adjusting entries are journalized and posted and an adjusted trial balance is generated from which the financial statements are prepared. Closing entries are then journalized and posted. Finally, a post-closing trial balance is prepared.
2. A note receivable is a document that specifies the fixed amount due to a company on a fixed date or on demand. An account receivable is also an amount due to a company, but the amount can be increased by the debtor by making additional purchases. An account receivable is not a single document but represents the result of several written, oral, or implied promises to pay the creditor.
3. Fifteen possible expense accounts might be: Utilities Expense, Telephone Expense, Internet Expense, Office Supplies Expense, Salaries Expense, Wages Expense, Entertainment Expense, Travel Expense, Repair Expense, Postage Expense, Printing Expense, Advertising Expense, Interest Expense, Equipment Repair Expense, Insurance Expense, and any number of others.
4. Four different asset accounts would include any of the following from Danier's June 25, 2011 balance sheet: Cash, Accounts receivable, Inventories, Prepaid expenses, Future income taxes asset, Property and equipment, or Intangible assets. Three different liability accounts would include any of the following: Accounts payable and accrued liabilities; Income taxes payable; or Deferred lease inducements and rent liability.
5. Expense accounts have debit balances because they reflect decreases in equity.
6. Three debit balance accounts from WestJet's December 31, 2011 balance sheet might include any of the following: Cash and cash equivalents; Restricted cash; Accounts receivable; Prepaid expenses, deposits and other; Inventory; Property and equipment; Intangible assets; or Other assets. Three credit balance accounts might include any of the following: Accounts payable and accrued liabilities; Advance ticket sales; Non-refundable guest credits; Current portion of long-term debt; Current portion of obligations under finance leases; Maintenance provisions; Long-term debt; Obligations under finance leases; Other liabilities; Deferred income tax; Share capital; Equity reserves; or Retained earnings.
7. A General Journal can be used to record any economic transaction.
8. Debited accounts are recorded first. The credited accounts are indented.
9. A transaction should first be recorded in a journal to create a complete record of the transaction in one place. Then the transaction is posted to the ledger where entries are summarized by type, i.e., cash, accounts payable, interest expense, etc., to enable analysis by account. This arrangement also means that fewer errors will be made in the accounts.
10. The bookkeeper prepares a trial balance to summarize the contents of the ledger and to determine whether equal debits and credits have been recorded. The trial balance also serves as a helpful internal document for preparing the financial statements.

QUICK STUDY

Quick Study 2-1

Answer	Answer Detail	Account
A	Asset	1. Buildings
E	Expenses (Equity)	2. Building Repair Expense
E	Expenses (Equity)	3. Wages Expense
L	Liability	4. Wages Payable
A	Asset	5. Notes Receivable
L	Liability	6. Notes Payable
A	Asset	7. Prepaid Advertising
E	Expenses (Equity)	8. Advertising Expense
L	Liability	9. Advertising Payable
L	Liability	10. Unearned Advertising
R	Revenues (Equity)	11. Advertising Fees Earned
R	Revenues (Equity)	12. Interest Earned
E	Expenses (Equity)	13. Interest Expense
L	Liability	14. Interest Payable
R	Revenues (Equity)	15. Earned Subscription Fees
L	Liability	16. Unearned Subscription Fees
A	Asset	17. Prepaid Subscription Fees
A	Asset	18. Supplies
E	Expenses (Equity)	19. Supplies Expense
R	Revenues (Equity)	20. Rent Revenue
L	Liability	21. Unearned Rent Revenue
A	Asset	22. Prepaid Rent
L	Liability	23. Rent Payable
R	Revenues (Equity)	24. Service Fees Earned
W	Owner's Withdrawals (Equity)	25. Jan Sted, Withdrawals
OE	Owner's Capital (Equity)	26. Jan Sted, Capital
E	Expenses (Equity)	27. Salaries Expense
L	Liability	28. Salaries Payable
A	Asset	29. Furniture
A	Asset	30. Equipment

Quick Study 2-2

Accounts Receivable		Accounts Payable		Service Revenue	
1,000	650	250	250		13,000
400	920	900	1,800		2,500
920	1,500	650	1,400		810
3,000			650		3,500
Bal. 2,250		2,300 Bal.		19,810 Bal.	

Utilities Expense		Cash		Notes Payable	
610		3,900	2,400	4,000	50,000
520		17,800	3,900	8,000	
390		14,500	21,800		
275		340			38,000 Bal.
Bal. 1,795		Bal. 8,440			

Quick Study 2-3

- a. Equipment Debit
- b. Land Debit
- c. Al Tait, Withdrawals Debit
- d. Rent Expense Debit
- e. Interest Revenue Credit
- f. Prepaid Rent Debit
- g. Accounts Receivable Debit
- h. Office Supplies Debit
- i. Notes Receivable Debit
- j. Notes Payable Credit
- k. Al Tait, Capital Credit
- l. Rent Earned Credit
- m. Rent Payable Credit
- n. Interest Expense Debit
- o. Interest Payable Credit

Quick Study 2-4

- | | | |
|-----------|-----------|-----------|
| a. Credit | f. Credit | k. Debit |
| b. Credit | g. Debit | l. Credit |
| c. Credit | h. Credit | m. Debit |
| d. Debit | i. Debit | n. Debit |
| e. Credit | j. Debit | o. Debit |

Quick Study 2-5

- | | | |
|-----------|-----------|-----------|
| a. Credit | f. Debit | k. Credit |
| b. Debit | g. Credit | l. Debit |
| c. Credit | h. Credit | m. Debit |
| d. Debit | i. Credit | n. Credit |
| e. Credit | j. Debit | o. Credit |

Quick Study 2-6

Note: Students could choose any account number within the specified range.

- | | | |
|--------|--------|--------|
| a. 173 | f. 203 | k. 629 |
| b. 409 | g. 106 | l. 219 |
| c. 302 | h. 622 | m. 222 |
| d. 301 | i. 124 | n. 170 |
| e. 128 | j. 403 | o. 115 |

Quick Study 2-7

1.

		Accounts			
Cash 101		Receivable 106		Furniture 161	
(a) 15,000	500 (c)	(e) 700	300 (g)	(b) 2,000	
(d) 1,000	500 (f)	(h) 400		(c) 500	
(g) 300					
Bal. 15,300		Bal. 800		Bal. 2,500	
Accounts Payable 201		Del Martin, Capital 301		Revenue 403	
(f) 500	2,000 (b)		15,000 (a)	1,000 (d)	
				700 (e)	
				400 (h)	
	1,500 Bal.		15,000 Bal.	2,100 Bal.	

2. The account balance for each T-account is shown above. The accounting equation (Assets = Liabilities + Equity) is proved as follows: \$18,600 = \$1,500 + \$17,100

Quick Study 2-8

1 & 2.

Cash 101		Accounts Receivable 106		Car 150		Accounts Payable 202	
Apr 30	15,000	6,000	Apr 30	3,200	4,000	May 2	8,000
May 12	10,000	3,000	May 10	4,000		Bal.	8,000
May 16	4,000		Bal.	3,200			
Bal.	20,000						
Unearned Revenue 205		Dee Bell, Capital 301		Revenue 410		Wages Expense 650	
	1,800	Apr 30	8,900	Apr 30	3,000	Apr 30	1,500
	10,000	May 12	8,000	May 2	4,000	May 15	6,000
	11,800	Bal.	16,900	Bal.	7,000	Bal.	7,500

3. The account balance for each T-account is shown above. The accounting equation (Assets = Liabilities + Equity) is proved as follows: $\$31,200 = \$14,800 + \$16,400$

Quick Study 2-9

		General Journal		Page 1
Date		Account Titles and Explanations	Debit	Credit
2014				
May	1	Equipment Accounts Payable <i>Purchased equipment on account.</i>	500	500
	2	Accounts Payable Cash <i>Paid for the equipment purchased May 1.</i>	500	500
	3	Supplies..... Cash <i>Purchased supplies for cash.</i>	100	100
	4	Wages Expense..... Cash <i>Paid wages to employees.</i>	2,000	2,000
	5	Cash..... Service Revenue <i>Performed services for a client for cash.</i>	750	750
	6	Accounts Receivable Service Revenue <i>Did work for a customer on credit.</i>	2,500	2,500
	7	Cash..... Accounts Receivable <i>Collected May 6 customer account.</i>	2,500	2,500

Quick Study 2-10

		General Journal		Page 1
Date		Account Titles and Explanations	Debit	Credit
2014				
Jan.	3	Cash	60,000	
		Equipment	40,000	
		Stan Adams, Capital		100,000
		<i>Investment by owner.</i>		
	4	Office Supplies	340	
		Accounts Payable		340
		<i>Purchased office supplies on credit.</i>		
	6	Cash	5,200	
		Landscaping Services Revenue		5,200
		<i>Received cash for landscaping services.</i>		
	15	Accounts Payable	200	
		Cash		200
		<i>Paid part of the January 4 credit purchase.</i>		
	16	Office Supplies	700	
		Accounts Payable		700
		<i>Purchased supplies on account.</i>		
	30	Accounts Payable	140	
		Cash		140
		<i>Paid the balance owing re January 4 credit purchase; 340 – 200 paid on Jan. 15 = 140.</i>		

Quick Study 2-11

Cash			Account No. 101		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Jan. 3			60,000		60,000
6			5,200		65,200
15				200	65,000
30				140	64,860

Office Supplies			Account No. 124		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Jan. 4			340		340
16			700		1,040

Equipment			Account No. 163		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Jan. 3			40,000		40,000

Accounts Payable			Account No. 201		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Jan. 4				340	340
15			200		140
16				700	840
30			140		700

Stan Adams, Capital			Account No. 301		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Jan. 3				100,000	100,000

Landscaping Services Revenue			Account No. 403		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Jan. 6				5,200	5,200

Quick Study 2-12

**Vahn Landscaping
Trial Balance
January 31, 2014**

Acct. No.	Account	Debit	Credit
101	Cash.....	\$ 7,000	
163	Equipment.....	9,000	
233	Unearned fees.....		\$ 2,000
301	Brea Vahn, capital.....		14,000
302	Brea Vahn, withdrawals.....	1,000	
401	Fees earned.....		11,000
640	Rent expense.....	6,000	
690	Utilities expense.....	<u>4,000</u>	
	Totals.....	<u>\$27,000</u>	<u>\$27,000</u>

Quick Study 2-13

The correct answer is c. If a \$2,250 debit to Rent Expense is incorrectly posted as a credit, the effect is to understate the Rent Expense debit balance by \$4,500. This causes the Debit column total on the trial balance to be \$4,500 less than the Credit column total.

Quick Study 2-14

1. Subtract total debits in the trial balance from total credits
 $24,250 - 21,550 = 2,700$
2. Divide the difference by 9
 $2,700 \div 9 = 300$
3. The quotient equals the difference between the two transposed numbers.
300 is the difference between the two transposed numbers.
4. The number of digits in the quotient tells us the location of the transposition
Look for a difference of 3 between the third number from the right and the fourth number from the right.

Through a process of elimination, the incorrect value is Rent Expense for \$4,100. The correct value must be \$1,400.

Proof: Recalculate the trial balance replacing \$1,400 for the incorrect \$4,100 and the trial balance now balances at \$21,550.

Quick Study 2-15

1. Subtract total debits in the trial balance from total credits

$$728 - 503 = 225$$

2. Divide the difference by 9

$$225 \div 9 = 25$$

The quotient equals the incorrect number.

Through a review of the values in the trial balance, the incorrect value is Notes Payable for \$25. The correct value must be \$250.

Proof: Recalculate the trial balance replacing \$250 for the incorrect \$25 and the trial balance now balances at \$728.

EXERCISES

Exercise 2-1 (30 minutes)

Cash			
(a)	32,600	925	(b)
(d)	3,000	13,600	(e)
(h)	5,400	3,500	(g)
		5,000	(i)
Balance	17,975		

Accounts Receivable			
(f)	5,400	5,400	(h)
Balance	0		

Office Supplies		
(b)	925	
Balance	925	

Office Equipment		
(c)	13,600	
Balance	13,600	

Accounts Payable			
(e)	13,600	13,600	(c)
		0	Balance

Sandra Moses, Capital		
	32,600	(a)
	32,600	Balance

Sandra Moses, Withdrawals		
(i)	5,000	
Balance	5,000	

Fees Earned			
	3,000	(d)	
	5,400	(f)	
	8,400	Balance	

Rent Expense		
(g)	3,500	
Balance	3,500	

Exercise 2-2 (10 minutes)

Cash			
Jan. 31	890	4,000	Feb. 14
Feb. 2	3,100	125	23
20	2,400	1,000	25
22	10,000	1,600	26
Bal.	9,665		

Accounts Receivable			
Jan. 31	1,200	2,400	Feb. 20
Feb. 12	15,000	10,000	Feb. 22
18	1,900		
Bal.	5,700		

Prepaid Insurance	
Jan. 31	-0-
Feb. 14	4,000
Bal.	4,000

Computer Equipment	
Jan. 31	480
Feb. 10	7,600
Bal.	8,080

Accounts Payable			
Feb. 23	125	250	Jan. 31
		125	Bal.

Notes Payable			
	-0-		Jan. 31
	7,600		Feb. 10
	7,600		Bal.

Neil Poundmaker, Capital	
	800 Jan. 31
	800 Bal.

Neil Poundmaker, Withdrawals	
Jan. 31	-0-
Feb. 25	1,000
Bal.	1,000

Service Revenue			
	2,600	Jan. 31	
	3,100	Feb. 2	
	15,000	12	
	1,900	18	
	22,600	Bal.	

Wages Expense	
Jan. 31	1,080
Feb. 26	1,600
Bal.	2,680

NOTE: There is no entry to be recorded for February 21.

Analysis component:

Revenue recognition requires that when work has been completed, it must be recorded whether cash has been received or not. A transaction has occurred when there has been an economic exchange — when something has been given up or received. On February 12, services were performed and, although cash will not be received until a future date, a revenue must be recorded because an economic exchange has occurred.

Exercise 2-3 (10 minutes)

Cash			
Mar. 31	1,800	1,000	Apr. 10
Apr. 2	2,100	950	15
19	2,800	1,500	29
Bal.	3,250		

Accounts Receivable			
Mar. 31	4,800	2,800	Apr. 19
Apr. 18	1,200		
Bal.	3,200		

Repair Supplies	
Mar. 31	1,400
Apr. 9	1,500
Bal.	2,900

Equipment	
Mar. 31	7,400
Apr. 15	950
Bal.	8,350

Accounts Payable			
Apr. 10	1,000	500	Mar. 31
		1,500	Apr. 9
		820	25
		1,820	Bal.

Nels Sigurdson, Capital		
	2,350	Mar. 31
	2,350	Bal.

Nels Sigurdson, Withdrawals	
Mar. 31	500
Apr. 29	1,500
Bal.	2,000

Repair Revenue		
	14,000	Mar. 31
	2,100	Apr. 2
	1,200	18
	17,300	Bal.

Rent Expense	
Mar. 31	950
Apr. 25	820
Bal.	1,770

NOTE: There is no entry to be recorded for April 5.

Exercise 2-4 (45 minutes)

2.

GENERAL JOURNAL				
Date 2014	Account Titles and Explanations	PR	Debit	Page 1 Credit
July 1	Cash.....	101	5,000	
	Mira Delco, Capital.....	301		5,000
	<i>To record investment by owner.</i>			
10	Equipment	150	2,500	
	Accounts Payable.....	201		2,500
	<i>Purchased equipment on credit.</i>			
12	Cash.....	101	10,000	
	Revenue.....	401		10,000
	<i>Performed services for cash.</i>			
14	Expenses	501	3,500	
	Cash.....	101		3,500
	<i>Paid expenses.</i>			
15	Accounts Receivable	106	1,500	
	Revenue.....	401		1,500
	<i>Completed services on account.</i>			
31	Mira Delco, Withdrawals.....	302	250	
	Cash.....	101		250
	<i>Owner withdrew cash.</i>			

Note: The account numbers in the PR column above would be included only during the posting of these journal entries into the ledger accounts in Part 3 of this exercise.

Exercise 2-4 (continued)

***Note: The student could use T-accounts or balance column format accounts as their general ledger. Both are shown in this solution.**

1 and 3.

Cash		101
July 1	5,000	3,500 July 14
12	10,000	250 31
Balance	11,250	

Accts. Receivable		106
July 15	1,500	

Equipment		150
July 10	2,500	

Accounts Payable		201
		2,500 July 10

Mira Delco, Capital		301
		5,000 July 1

Mira Delco, Withdrawals		302
July 31	250	

Revenue		401
		10,000 July 12
		1,500 15
		11,500 Balance

Expenses		501
July 14	3,500	

Exercise 2-4 (continued)

1 and 3.

Cash				Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 1		G1	5,000		5,000
12		G1	10,000		15,000
14		G1		3,500	11,500
31		G1		250	11,250

Accounts Receivable				Account No. 106	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 15		G1	1,500		1,500

Equipment				Account No. 150	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 10		G1	2,500		2,500

Accounts Payable				Account No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 10		G1		2,500	2,500

Mira Delco, Capital				Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 1		G1		5,000	5,000

Mira Delco, Withdrawals				Account No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 31		G1	250		250

Revenue				Account No. 401	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 12		G1		10,000	10,000
15		G1		1,500	11,500

Expenses				Account No. 501	
Date	Explanation	PR	Debit	Credit	Balance
2014					
July 14		G1	3,500		3,500

Exercise 2-4 (continued)

4.

**MiraCom
Trial Balance
July 31, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash	\$11,250	
106	Accounts receivable	1,500	
150	Equipment.....	2,500	
201	Accounts payable.....		\$ 2,500
301	Mira Delco, capital.....		5,000
302	Mira Delco, withdrawals.....	250	
401	Revenue		11,500
501	Expenses	<u>3,500</u>	
	Totals.....	<u>\$19,000</u>	<u>\$19,000</u>

Exercise 2-4 (concluded)

5.

**MiraCom
Income Statement
For Month Ended July 31, 2014**

Revenue	\$11,500
Expenses	<u>3,500</u>
Net income	<u>\$ 8,000</u>

**MiraCom
Statement of Changes in Equity
For Month Ended July 31, 2014**

Mira Delco, capital, July 1		\$	0
Add: Investments by owner	\$5,000		
Net income	<u>8,000</u>		
Total			<u>13,000</u>
Less: Withdrawals by owner			<u>250</u>
Mira Delco, capital, July 31			<u>\$12,750</u>

The arrows are imaginary but emphasize the link between statements.

**MiraCom
Balance Sheet
July 31, 2014**

Assets		Liabilities	
Cash	\$11,250	Accounts payable	\$ 2,500
Accounts receivable	1,500		
Equipment	<u>2,500</u>		
Total assets	<u>\$15,250</u>		
		Equity	
		Mira Delco, capital	<u>12,750</u>
		Total liabilities and equity	<u>\$15,250</u>

Analysis component:

Accounts receivable result from credit sales to customers (debit accounts receivable and credit a revenue). Sales, or revenue, is part of equity. As revenues on account are recorded, assets on the left side of the accounting equation increase and equity on the opposite side of the accounting equation also increases. Therefore, accounts receivable are financed by, or created by, an equity transaction.

Exercise 2-5 (10 minutes)

Note: Students could choose any account number within the specified range.

Account Number	Account Name
101	Cash
115	Accounts Receivable
160	Office Equipment
210	Accounts Payable
215	Unearned Revenue
310	Aaron Paquette, Capital
320	Aaron Paquette, Withdrawals
410	Consulting Revenues
510	Salaries Expense
520	Rent Expense
530	Utilities Expense

Exercise 2-6 (30 minutes)

1.		General Journal			Page G1
Date		Account Titles and Explanations	PR	Debit	Credit
2014					
Feb.	1	Cash	101	8,500	
		Consulting Revenues	410		8,500
		<i>Performed work for cash.</i>			
	5	Accounts Payable	210	5,000	
		Cash	101		5,000
		<i>Paid account.</i>			
	10	Cash	101	3,600	
		Unearned Revenue.....	215		3,600
		<i>Received cash in advance.</i>			
	12	No entry.			
	17	Aaron Paquette, Withdrawals.....	320	3,000	
		Cash	101		3,000
		<i>Owner withdrew cash.</i>			
	28	Salaries Expense.....	510	10,000	
		Cash	101		10,000
		<i>Paid salaries.</i>			

Note: The account numbers in the PR column above would be included only during the posting of these journal entries into the ledger accounts in Part 2 of this exercise.

Exercise 2-6 (continued)

2.

Cash 101		Accounts Receivable 115		Office Equipment 160		Accounts Payable 210					
Bal	15,000	5,000	Feb 5	Bal	3,800	Bal	22,500	Feb 5	5,000	8,000	Bal
Feb 1	8,500	3,000	17							3,000	Bal
10	3,600	10,000	28								
Bal	9,100										

Unearned Revenue 215		Aaron Paquette, Capital 310		Aaron Paquette, Withdrawals 320		Consulting Revenues 410		
	2,600	Bal	9,500	Bal	2,000	41,700	Bal	
	3,600	Feb 10			Feb 17	3,000	8,500	Feb 1
	6,200	Bal			Bal	5,000	50,200	Bal

Salaries Expense 510		Rent Expense 520		Utilities Expense 530	
Bal	10,000	Bal	7,500	Bal	1,000
Feb 28	10,000				
Bal	20,000				

3.

**Paquette Advisors
Trial Balance
February 28, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 9,100	
115	Accounts receivable	3,800	
160	Office equipment.....	22,500	
210	Accounts payable		\$ 3,000
215	Unearned revenue.....		6,200
310	Aaron Paquette, capital		9,500
320	Aaron Paquette, withdrawals	5,000	
410	Consulting revenues.....		50,200
510	Salaries expense.....	20,000	
520	Rent expense	7,500	
530	Utilities expense.....	1,000	
	Totals	<u>\$68,900</u>	<u>\$68,900</u>

4.

**Paquette Advisors
Income Statement
For Two Months Ended February 28, 2014**

Revenues:		
Consulting revenues		\$50,200
Operating expenses:		
Salaries expense	\$20,000	
Rent expense	7,500	
Utilities expense	<u>1,000</u>	
Total operating expenses		<u>28,500</u>
Net income		<u>\$21,700</u>

The arrows are imaginary but emphasize the link between statements.

5.

**Paquette Advisors
Statement of Changes in Equity
For Two Months Ended February 28, 2014**

Aaron Paquette, capital, March 1	\$	0
Add: Investments by owner	\$ 9,500	
Net income	<u>21,700</u>	<u>31,200</u>
Total		<u>\$31,200</u>
Less: Withdrawals by owner		5,000
Aaron Paquette, capital, February 28		<u>\$26,200</u>

6.

**Paquette Advisors
Balance Sheet
February 28, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 9,100	Accounts payable	\$ 3,000
Accounts receivable	3,800	Unearned revenue	<u>6,200</u>
Office equipment	<u>22,500</u>	Total liabilities	\$ 9,200
 		<i>Equity</i>	
Total assets	<u>\$35,400</u>	Aaron Paquette, capital	<u>26,200</u>
		Total liabilities and equity	<u>\$35,400</u>

Analysis component:

Unearned revenue occurs when cash is received from a customer in advance of the work being done. The collection is not recorded as revenue because it has not been earned until the work is done. Unearned revenue is therefore a liability because the business owes the customer a service (or work). For example, WestJet receives cash from customers in advance of the customer actually flying and records it as advance ticket revenue, a type of unearned revenue. These cash collections are recorded as advance ticket revenue, a liability, because the cash doesn't belong to WestJet until they have earned it which occurs when the customer takes their flight.

Exercise 2-7 (30 minutes)

a.	Cash	7,000	
	Equipment.....	5,600	
	Automobiles	11,000	
	Jerry Steiner, Capital.....		23,600
	<i>The owner invested cash, an automobile, and equipment.</i>		
b.	Prepaid Insurance	3,600	
	Cash		3,600
	<i>Purchased insurance coverage in advance.</i>		
c.	Office Supplies	600	
	Cash		600
	<i>Purchased supplies with cash.</i>		
d.	Office Supplies	200	
	Equipment.....	9,400	
	Accounts Payable.....		9,600
	<i>Purchased supplies and equipment on credit.</i>		
e.	Cash	2,500	
	Delivery Services Revenue		2,500
	<i>Received cash from customer for work done.</i>		
f.	Accounts Payable	2,400	
	Cash		2,400
	<i>Made payment on payables.</i>		
g.	Gas and Oil Expense.....	700	
	Cash		700
	<i>Paid for gas and oil.</i>		

Exercise 2-8 (20 minutes)

2014

April 5	Cash	4,600	
	Surgical Revenues		4,600
	<i>Performed surgery and collected cash.</i>		
8	Supplies	19,000	
	Accounts Payable		19,000
	<i>Purchased surgical supplies on credit.</i>		
15	Salaries Expense	41,000	
	Cash		41,000
	<i>Paid salaries.</i>		
20	Accounts Payable	19,000	
	Cash		19,000
	<i>Paid for the credit purchase of April 8.</i>		
21	No entry.		
22	Accounts Receivable	22,800	
	Surgical Revenues		22,800
	<i>Performed six surgeries on credit;</i> <i>\$3,800 x 6 = \$22,800</i>		
29	Cash	15,200	
	Accounts Receivable		15,200
	<i>Collection from four credit customers of April 22;</i> <i>\$3,800 x 4 = \$15,200.</i>		
30	Utilities Expense	1,800	
	Cash		1,800
	<i>Paid the April utilities.</i>		

Exercise 2-9 (20 minutes)

b.	Accounts Receivable	2,700	
	Services Revenue		2,700
	<i>Provided services on credit.</i>		
c.	Cash	3,150	
	Services Revenue		3,150
	<i>Provided services for cash.</i>		

Revenues are inflows of assets (or decreases in liabilities) received in exchange for goods or services provided to customers. The other transactions did not create revenues for the following reasons:

- a. This transaction brought in cash, but it was an owner investment in the company.
- d. This transaction brought in cash, but it also created a liability because the services have not yet been provided to the client.
- e. This transaction changed the form of the asset from accounts receivable to cash. Total assets were not increased. Revenue was not generated.
- f. This transaction brought cash into the company and increased assets, but it also increased a liability by the same amount.

Exercise 2-10 (20 minutes)

b.	Salaries Expense.....	1,125	
	Cash		1,125
	<i>Paid the salary of the receptionist.</i>		
d.	Utilities Expense.....	930	
	Cash		930
	<i>Paid the utilities bill for the office.</i>		

Expenses are outflows or using up of assets (or the creation of liabilities) that occur in the process of providing goods or services to customers. The transactions labelled a, c, and e were not expenses for the following reasons:

- a. This transaction decreased assets in settlement of a previously existing liability. Thus, the using up of assets did not reduce equity.
- c. This transaction was the purchase of an asset. The form of the company's assets changed, but total assets did not change, and the equity did not decrease.
- e. This transaction was a distribution of cash to the owner. Even though equity decreased, the decrease did not occur in the process of providing goods or services to customers.

Exercise 2-11 (25 minutes)

Parts a and b:

Cash					Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2013						
Dec. 31	Beginning balance				850	
2014						
Jan. 1		G1	3,500		4,350	
20		G1		2,000	2,350	
31		G1	5,000		7,350	
31		G1		3,000	4,350	
31		G1		750	3,600	

Accounts Receivable					Account No. 106	
Date	Explanation	PR	Debit	Credit	Balance	
2013						
Dec. 31	Beginning balance				300	
2014						
Jan. 12		G1	9,000		9,300	
31		G1		5,000	4,300	

Equipment					Account No. 167	
Date	Explanation	PR	Debit	Credit	Balance	
2013						
Dec. 31	Beginning balance				1,500	
2014						
Jan. 20		G1	12,000		13,500	

Accounts Payable					Account No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2013						
Dec. 31	Beginning balance				325	
2014						
Jan. 20		G1		10,000	10,325	

Jay Walker, Capital					Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance	
2013						
Dec. 31	Beginning balance				2,325	
2014						
Jan. 1		G1		3,500	5,825	

Exercise 2-11 (Parts a and b continued)

Jay Walker, Withdrawals					Account No. 302	
Date	Explanation		PR	Debit	Credit	Balance
2013						
Dec. 31		Beginning balance				300
2014						
Jan. 31			G1	750		1,050

Fees Earned					Account No. 401	
Date	Explanation		PR	Debit	Credit	Balance
2013						
Dec. 31		Beginning balance				1,800
2014						
Jan. 12			G1		9,000	10,800

Salaries Expense					Account No. 622	
Date	Explanation		PR	Debit	Credit	Balance
2013						
Dec. 31		Beginning balance				1,500
2014						
Jan. 31			G1	3,000		4,500

Exercise 2-11 (Parts a and b continued)

Note: After posting the journal entries, the PR column in the General Journal would appear as follows:

General Journal				
Date	Account Titles and Explanations	PR	Debit	Page 1 Credit
2014				
Jan. 1	Cash.....	101	3,500	
	Jay Walker, Capital	301		3,500
	<i>Additional owner investment.</i>			
12	Accounts Receivable.....	106	9,000	
	Fees Earned	401		9,000
	<i>Performed work for a customer on account.</i>			
20	Equipment	167	12,000	
	Cash	101		2,000
	Accounts Payable.....	201		10,000
	<i>Purchased equipment by paying cash and the balance on credit.</i>			
31	Cash.....	101	5,000	
	Accounts Receivable.....	106		5,000
	<i>Collected cash from credit customer.</i>			
31	Salaries Expense	622	3,000	
	Cash	101		3,000
	<i>Paid month-end salaries.</i>			
31	Jay Walker, Withdrawals	302	750	
	Cash	101		750
	<i>Jay Walker withdrew cash for personal use.</i>			

Analysis component:

All of the details regarding a transaction, such as serial numbers or invoice numbers, form part of the journal entry recorded in the journal and provide a chronological picture of what has happened in the business. The general ledger does not accommodate these kinds of very necessary details. Therefore, we need to journalize to ensure important details are readily available.

The general ledger summarizes by account all of the transactions recorded in the journal. For example, without the ledger, we would not be able to determine the balance in cash without going through the journal and adding/subtracting all of the individual transactions. The ledger allows us to have account balance information.

In summary, although it appears that journalizing and posting are recording the same information twice, the journal and ledger each serve different and important functions in the accounting system.

Exercise 2-12 (25 minutes)

General Journal					Page G1
Date	Account Titles and Explanations	PR	Debit	Credit	
2014					
Aug. 1	Cash	101	20,000		
	Photography Equipment.....	167	42,000		
	Joseph Eetok, Capital	301		62,000	
	<i>Investment by owner.</i>				
1	Prepaid Rent	131	12,000		
	Cash	101		12,000	
	<i>Rented studio space.</i>				
5	Office Supplies	124	1,800		
	Cash	101		1,800	
	<i>Purchased office supplies.</i>				
20	Cash	101	9,200		
	Photography Fees Earned	401		9,200	
	<i>Collected photography fees.</i>				
31	Utilities Expense.....	690	1,400		
	Cash	101		1,400	
	<i>Paid for August utilities.</i>				

Note: The account numbers in the PR column above would be included only during the posting of these journal entries into the ledger accounts in Exercise 2-13.

Exercise 2-13 (30 minutes)

Cash				Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Aug. 1		G1	20,000		20,000
1		G1		12,000	8,000
5		G1		1,800	6,200
20		G1	9,200		15,400
31		G1		1,400	14,000

Office Supplies				Account No. 124	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Aug. 5		G1	1,800		1,800

Prepaid Rent				Account No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Aug. 1		G1	12,000		12,000

Photography Equipment				Account No. 167	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Aug. 1		G1	42,000		42,000

Joseph Eetok, Capital				Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Aug. 1		G1		62,000	62,000

Photography Fees Earned				Account No. 401	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Aug. 20		G1		9,200	9,200

Utilities Expense				Account No. 690	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Aug. 31		G1	1,400		1,400

Exercise 2-13 (concluded)

**THE PIXEL SHOP
Trial Balance
August 31, 2014**

Acct No.	Account Title	Debit	Credit
101	Cash	\$ 14,000	
124	Office supplies	1,800	
131	Prepaid rent	12,000	
167	Photography equipment	42,000	
301	Joseph Eetok, capital.....		\$62,000
401	Photography fees earned		9,200
690	Utilities expense.....	<u>1,400</u>	
	Totals	<u>\$71,200</u>	<u>\$71,200</u>

Analysis component:

The trial balance is not a financial statement; it is an internal working paper used to verify that debits and credits in the general ledger are equal and to review account balances. The trial balance format does not readily communicate information such as financial performance and financial position, information that is desired by external decision makers. Financial statements are used for external reporting because the formats of these communicate information desired by external users. For example, the income statement reports financial performance while the balance sheet reports financial position.

Exercise 2-14 (20 minutes)

Cash		101	Office Supplies		124	Prepaid Rent		131
Aug. 1	20,000	12,000	Aug. 1	Aug. 5	1,800	Aug. 1	12,000	
20	9,200	1,800	5					
		1,400	31					
Bal	14,000							
Photography Equipment			167	Joseph Eetok, Capital		301		
Aug. 1	42,000			Aug. 1	62,000			
Photography Fees Earned			401	Utilities Expense		690		
		9,200	Aug. 20	Aug. 31	1,400			

**THE PIXEL SHOP
Trial Balance
August 31, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash	\$14,000	
124	Office supplies.....	1,800	
131	Prepaid rent	12,000	
167	Photography equipment	42,000	
301	Joseph Eetok, capital.....		\$62,000
401	Photography fees earned.....		9,200
690	Utilities expense	1,400	
	Totals	<u>\$71,200</u>	<u>\$71,200</u>

Analysis component:

The trial balance is an internal working paper used to verify that debits and credits in the general ledger are equal and to review account balances. The trial balance format does not readily communicate information such as financial performance and financial position, information that is desired by external decision makers. Financial statements are used for external reporting because the formats of these communicate information desired by external users. For example, the income statement reports financial performance while the balance sheet reports financial position.

Exercise 2-15 (20 minutes)

**Hogan's Consulting
Income Statement
For Year Ended December 31, 2014**

Revenues:		
Consulting fees earned		\$18,000
Operating expenses:		
Wages expense	\$29,000	
Rent expense	<u>8,000</u>	
Total operating expenses		<u>37,000</u>
Net loss		<u>\$19,000</u>

**Hogan's Consulting
Statement of Changes in Equity
For Year Ended December 31, 2014**

Lisa Hogan, capital, January 1		\$ 0
Add: Investments by owner		<u>50,000</u>
Total		\$50,000
Less: Withdrawals by owner	\$2,000	
Net loss	<u>19,000</u>	<u>21,000</u>
Lisa Hogan, capital, December 31		<u>\$29,000</u>

The arrows are imaginary but emphasize the link between statements.

**Hogan's Consulting
Balance Sheet
December 31, 2014**

Assets		Liabilities	
Cash	\$18,000	Accounts payable	\$ 17,300
Accounts receivable	5,200	Notes payable	<u>47,000</u>
Prepaid rent	13,000	Total liabilities	\$ 64,300
Machinery	<u>57,100</u>	Equity	
		Lisa Hogan, capital	<u>29,000</u>
		Total liabilities and	
Total assets	<u>\$93,300</u>	equity	<u>\$ 93,300</u>

Analysis component:

Losses cause equity to decrease. If equity decreases, either assets have to decrease and/or liabilities must increase to keep the balance sheet in balance. Therefore, if Hogan's Consulting continues to experience losses, there are two short-term alternatives available to prevent a decrease in assets. First, the business could borrow which would increase liabilities and temporarily increase assets until payments had to be made. Second, Lisa Hogan, the owner, could invest additional assets into the business which would increase equity and assets. However, for the long-term, the owner does not want to support the business through continual investments; the business must be able to support itself through positive performance (net income).

Exercise 2-16 (20 minutes)

**JenCo
Income Statement
For Month Ended March 31, 2014**

Revenues:		
Service revenue.....		\$1,650
Operating expenses:		
Salaries expense	\$ 800	
Interest expense	<u>10</u>	
Total operating expenses		<u>810</u>
Net income.....		<u>\$ 840</u>

**JenCo
Statement of Changes in Equity
For Month Ended March 31, 2014**

Marie Jensen, capital, March 1		\$ 0
Add: Investment by owner.....	\$2,050	
Net income.....	<u>840</u>	<u>2,890</u>
Total		\$2,890
Less: Withdrawal by owner		<u>1,500</u>
Marie Jensen, capital, March 31		<u>\$1,390</u>

**JenCo
Balance Sheet
March 31, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 500	Accounts payable	\$ 500
Accounts receivable	1,950	Unearned service revenue.....	460
Prepaid insurance	300	Notes payable.....	<u>1,100</u>
Equipment	<u>700</u>	Total liabilities	<u>\$2,060</u>
		<i>Equity</i>	
Total assets	<u>\$3,450</u>	Marie Jensen, capital	<u>1,390</u>
		Total liabilities and equity	<u>\$3,450</u>

The arrows are imaginary but emphasize the link between statements.

Exercise 2-17 (20 minutes)

**Nanimahoo Marketing Services
Income Statement
For Month Ended March 31, 2014**

Revenues:		
Fees earned		\$126,000
Operating expenses:		
Wages expense	\$146,000	
Office supplies expense	<u>7,000</u>	
Total operating expenses		<u>153,000</u>
Net loss		<u>\$ 27,000</u>

**Nanimahoo Marketing Services
Statement of Changes in Equity
For Month Ended March 31, 2014**

Dee Nanimahoo, capital, March 1.....		\$87,000*
Add: Investment by owner.....		<u>35,000</u>
Total		<u>\$122,000</u>
Less: Withdrawal by owner	\$ 18,000	
Net loss	<u>27,000</u>	<u>45,000</u>
Dee Nanimahoo, capital, March 31.....		<u>\$77,000</u>

**Nanimahoo Marketing Services
Balance Sheet
March 31, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 17,000	Accounts payable	\$ 46,000
Accounts receivable ...	3,000	Notes payable	<u>114,000</u>
Office supplies	3,000	Total liabilities.....	<u>\$ 160,000</u>
Building.....	80,000		
Land	84,000	<i>Equity</i>	
Machinery	<u>50,000</u>	Dee Nanimahoo, capital.....	<u>77,000</u>
Total assets	<u>\$237,000</u>	Total liabilities and equity	<u>\$237,000</u>

*The arrows are imaginary
but emphasize the link
between statements.*

***\$122,000 March 31/14 Balance - \$35,000 invested in March = \$87,000 March 1/14 Balance**

Exercise 2-18 (20 minutes)

	(1) <i>Difference Between Debit and Credit Columns</i>	(2) <i>Column With the Larger Total</i>	(3) <i>Identify Account(s) Incorrectly Stated</i>	(4) <i>Amount That Account(s) is Overstated or Understated</i>
<i>Description</i>				
a. A \$2,400 debit to Rent Expense was posted as a \$1,590 debit.	\$810	Credit	Rent Expense	Rent Expense is understated by \$810
b. A \$42,000 debit to Machinery was posted as a debit to Accounts Payable.	\$0	—	Machinery Accounts Payable	Machinery is understated by \$42,000 and Accounts Payable is understated by \$42,000
c. A \$4,950 credit to Services Revenue was posted as a \$495 credit.	\$4,455	Debit	Services Revenue	Services Revenue is understated by \$4,455
d. A \$1,440 debit to Store Supplies was not posted at all.	\$1,440	Credit	Store Supplies	Store Supplies is understated by \$1,440
e. A \$2,250 debit to Prepaid Insurance was posted as a debit to Insurance Expense.	\$0	—	Prepaid Insurance Insurance Expense	Prepaid Insurance is understated by \$2,250 and Insurance Expense is overstated by \$2,250
f. A \$4,050 credit to Cash was posted twice as two credits to the Cash account.	\$4,050	Credit	Cash	Cash is understated by \$4,050
g. A \$9,900 debit to the owner's withdrawals account was debited to the owner's capital account.	\$0	—	Owner's Capital Owner's Withdrawals	Owner's Capital account is understated by \$9,900 Owner's Withdrawals is understated by \$9,900

Exercise 2-19 (15 minutes)

- a. 1. Dr = Cr
2. Accounts Receivable is understated (too low) by \$3,500 and Revenue is understated by \$3,500.

- b. 1. Dr = Cr
2. Accounts Payable is overstated (too high) by \$600 and Cash is overstated by \$600.

- c. 1. Dr ≠ Cr
2. Cash is overstated by \$180.

- d. 1. Dr ≠ Cr
2. Accounts Receivable is overstated by \$750.

- e. 1. Dr = Cr
2. Accounts Payable is understated by \$2,000 and Equipment is understated by \$2,000.

Exercise 2-20 (15 minutes)

Case A:

- 1. Subtract total debits in the trial balance from total credits
 $5,010 - 4,290 = 720$
- 2. Divide the difference by 9
 $720 \div 9 = 80$
- 3. The quotient equals the difference between the two transposed numbers.
80 is the difference between the two transposed numbers.
- 4. The number of digits in the quotient tells us the location of the transposition.
Look for a difference of 8 between the second number from the right and the third number from the right.

Through a process of elimination, the incorrect value is Accounts Payable of \$190. The correct value must be \$910.

Proof: Recalculate the trial balance replacing \$910 for the incorrect \$190 and the trial balance now balances at \$5,010.

Exercise 2-20 (concluded)

Case B:

1. Subtract total debits in the trial balance from total credits
 $34,400 - 28,100 = 6,300$
2. Divide the difference by 9 to reveal a slide error
 $6,300 \div 9 = 700$
3. The quotient identifies a slide error and equals the correct value.

Through a process of elimination, the incorrect value is Withdrawals for \$7,000. The correct value must be \$700.

Proof: Recalculate the trial balance replacing \$700 for the incorrect \$7,000 and the trial balance now balances at \$28,100.

Case C:

1. Subtract total debits in the trial balance from total credits
 $942 - 906 = 36$
2. Divide the difference by 9
 $36 \div 9 = 4$
3. The quotient equals the difference between the two transposed numbers.
4 is the difference between the two transposed numbers.
4. The number of digits in the quotient tells us the location of the transposition.
Look for a difference of 4 between the first number from the right and the second number from the right.

Through a process of elimination, the incorrect value is Cash for \$59. The correct value must be \$95.

Proof: Recalculate the trial balance replacing \$95 for the incorrect \$59 and the trial balance now balances at \$942.

PROBLEMS

Problem 2-1A (40 minutes) *Parts 1 and 2*

Cash			
(a)	100,000	80,000	(b)
(g)	16,000	3,200	(f)
(n)	1,900	1,800	(h)
		4,600	(j)
		9,300	(k)
		3,200	(m)
		3,200	(o)
Bal	12,600		

Accounts Receivable			
(l)	5,100	1,900	(n)
Bal	3,200		

Office Supplies	
(c)	4,600

Automobiles	
(d)	9,000

Office Equipment			
(a)	9,000	700	(k)
(e)	3,000		
(k)	10,000		
Bal.	21,300		

Building	
(b)	85,000

Land	
(b)	115,000

Accounts Payable			
(j)	4,600	4,600	(c)
		3,000	(e)
		3,000	Bal

Long-Term Notes Payable	
	120,000

Joel Douglas, Capital		
	109,000	(a)
	9,000	(d)
	118,000	Bal.

Joel Douglas, Withdrawals	
(o)	3,200

Fees Earned		
	16,000	(g)
	5,100	(l)
	21,100	Bal

Wages Expense	
(f)	3,200
(m)	3,200
Bal	6,400

Utilities Expense	
(h)	1,800

Note: There is no entry for (i) since it is not a transaction.

Problem 2-2A (30 minutes)

		General Journal		Page 1
Date	Account Titles and Explanations	Debit		Credit
2014				
May 1	Equipment	46,000		
	Cash			14,000
	Notes Payable			32,000
	<i>Purchased new equipment paying cash and signing a 90-day note payable.</i>			
2	Prepaid Insurance	24,000		
	Cash			24,000
	<i>Purchased 12 months of insurance to begin May 2.</i>			
3	Cash	6,000		
	Design Revenue			6,000
	<i>Completed a fitness contract for a group of customers and collected cash.</i>			
4	Office Supplies	3,750		
	Accounts Payable			3,750
	<i>Purchased office supplies on account.</i>			
6	Accounts Payable	750		
	Office Supplies			750
	<i>Returned defective supplies to supplier.</i>			
10	Accounts Receivable	11,500		
	Fitness Contract Revenue			11,500
	<i>Did work for a client today on account.</i>			
15	Accounts Payable	3,000		
	Cash			3,000
	<i>Paid for the May 4 purchase less the return of May 6; \$3,750 - \$750 return = \$3,000.</i>			
20	Cash	11,500		
	Accounts Receivable			11,500
	<i>Received payment from the client of May 10.</i>			

Problem 2-2A (concluded)

May 25	Cash.....	2,500	
	Unearned Revenue		2,500
	<i>Received cash for work to be done in June.</i>		
31	Salaries Expense	47,000	
	Cash		47,000
	<i>Paid month-end salaries.</i>		
31	Telephone Expense	2,250	
	Cash		2,250
	<i>Paid the May telephone bill.</i>		
31	Utilities Expense	3,100	
	Accounts Payable (or Utilities Payable).....		3,100
	<i>May electrical bill to be paid June 15.</i>		

Note: Assume that all entries were journalized on Page 1 of the General Journal.

Problem 2-3A (90 minutes)

		General Journal			Page 1
Date		Account Titles and Explanations	PR	Debit	Credit
2014					
Mar.	1	Cash	101	50,000	
		Office Equipment	163	12,000	
		Abe Factor, Capital	301		62,000
		<i>Invested cash and equipment to start the business.</i>			
	1	Prepaid Rent.....	131	9,000	
		Cash.....	101		9,000
		<i>Prepaid three months' rent.</i>			
	3	Office Equipment	163	6,000	
		Office Supplies.....	124	1,200	
		Accounts Payable.....	201		7,200
		<i>Purchased equipment and supplies on credit.</i>			
	5	Cash.....	101	6,200	
		Accounting Fees Earned	401		6,200
		<i>Received cash from client for completed work.</i>			
	9	Accounts Receivable	106	4,000	
		Accounting Fees Earned	401		4,000
		<i>Billed client for completed work.</i>			
	11	Accounts Payable	201	7,200	
		Cash.....	101		7,200
		<i>Paid balance due on accounts payable.</i>			
	15	Prepaid Insurance.....	128	3,000	
		Cash.....	101		3,000
		<i>Paid annual premium for insurance.</i>			
	20	Cash.....	101	1,500	
		Accounts Receivable.....	106		1,500
		<i>Collected part of the amount owed by a client.</i>			

Problem 2-3A (concluded)

Mar.	22	No entry.			
	23	Accounts Receivable	106	2,850	
		 Accounting Fees Earned	401		2,850
		 <i>Billed client for completed work.</i>			
	27	Abe Factor, Withdrawals	302	3,600	
		 Cash.....	101		3,600
		 <i>Owner's withdrawal of cash.</i>			
	30	Office Supplies.....	124	650	
		 Accounts Payable.....	201		650
		 <i>Purchased supplies.</i>			
	31	Utilities Expense	690	860	
		 Cash.....	101		860
		 <i>Paid monthly utility bill.</i>			

Note: The account numbers in the PR column above would be included only when these journal entries are being posted in Problem 3-4A. Assume that all entries were journalized on Page 1 of the General Journal.

Problem 2-4A (45 minutes)

Parts 1 and 2

Cash					Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 1		G1	50,000		50,000	
1		G1		9,000	41,000	
5		G1	6,200		47,200	
11		G1		7,200	40,000	
15		G1		3,000	37,000	
20		G1	1,500		38,500	
27		G1		3,600	34,900	
31		G1		860	34,040	

Accounts Receivable					Acct. No. 106	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 9		G1	4,000		4,000	
20		G1		1,500	2,500	
23		G1	2,850		5,350	

Office Supplies					Acct. No. 124	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 3		G1	1,200		1,200	
30		G1	650		1,850	

Prepaid Insurance					Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 15		G1	3,000		3,000	

Prepaid Rent					Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 1		G1	9,000		9,000	

Office Equipment					Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 1		G1	12,000		12,000	
3		G1	6,000		18,000	

Problem 2-4A (continued)

Accounts Payable					Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 3		G1		7,200		7,200
11		G1	7,200			0
30		G1		650		650

Abe Factor, Capital					Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 1		G1		62,000		62,000

Abe Factor, Withdrawals					Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 27		G1	3,600			3,600

Accounting Fees Earned					Acct. No. 401	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 5		G1		6,200		6,200
9		G1		4,000		10,200
23		G1		2,850		13,050

Utilities Expense					Acct. No. 690	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Mar. 31		G1	860			860

Problem 2-4A (concluded)

Part 3

**X-FACTOR ACCOUNTING
Trial Balance
March 31, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$34,040	
106	Accounts receivable.....	5,350	
124	Office supplies.....	1,850	
128	Prepaid insurance.....	3,000	
131	Prepaid rent.....	9,000	
163	Office equipment	18,000	
201	Accounts payable		\$ 650
301	Abe Factor, capital.....		62,000
302	Abe Factor, withdrawals.....	3,600	
401	Accounting fees earned		13,050
690	Utilities expense	860	
	Totals.....	<u>\$75,700</u>	<u>\$75,700</u>

Problem 2-5A (20 minutes)

X-FACTOR ACCOUNTING
Income Statement
For Month Ended March 31, 2014

Revenues:	
Accounting fees earned.....	\$13,050
Operating expenses:	
Utilities expense.....	<u>860</u>
Net income.....	<u>\$12,190</u>

X-FACTOR ACCOUNTING
Statement of Changes in Equity
For Month Ended March 31, 2014

Abe Factor, capital, March 1	\$	0	
Add: Investments by owner	\$62,000		
Net income	<u>12,190</u>	<u>74,190</u>	
Total		74,190	
Less: Withdrawals by owner		<u>3,600</u>	
Abe Factor, capital, March 31		<u>\$70,590</u>	

The arrows are imaginary but emphasize the link between statements.

X-FACTOR ACCOUNTING
Balance Sheet
March 31, 2014

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$34,040	Accounts payable	\$ 650
Accounts receivable	5,350		
Office supplies	1,850		
Prepaid insurance.....	3,000		
Prepaid rent.....	9,000		
Office equipment.....	<u>18,000</u>		
Total assets	<u>\$71,240</u>		
		<i>Equity</i>	
		Abe Factor, capital	<u>70,590</u>
		Total liabilities and equity	<u>\$71,240</u>

Problem 2-6A (90 minutes)

Part 1

General Journal					Page 1	
Date	Account Titles and Explanations			PR	Debit	Credit
2014						
May	1	Cash.....	101		75,000	
		Office Equipment	163		48,000	
		Jill Wahpoosywan, Capital	301			123,000
		<i>Invested cash and equipment to start the business.</i>				
	1	Prepaid Rent.....	131		14,400	
		Cash	101			14,400
		<i>Prepaid three months' rent.</i>				
	2	Office Equipment	163		24,000	
		Office Supplies.....	124		4,800	
		Accounts Payable	201			28,800
		<i>Purchased equipment and supplies on credit.</i>				
	6	Cash.....	101		8,000	
		Services Revenue	403			8,000
		<i>Received cash from client for services performed.</i>				
	9	Accounts Receivable	106		16,000	
		Services Revenue	403			16,000
		<i>Billed client for completed work.</i>				
	10	Accounts Payable	201		14,400	
		Cash	101			14,400
		<i>Paid one-half of balance due on accounts payable.</i>				
	19	Prepaid Insurance.....	128		7,500	
		Cash	101			7,500
		<i>Paid annual premium for insurance.</i>				
	22	Cash.....	101		12,800	
		Accounts Receivable	106			12,800
		<i>Collected part of the amount owed by a client.</i>				
	25	Accounts Receivable.....	106		5,280	
		Services Revenue	403			5,280
		<i>Billed client for completed work.</i>				
	25	Wages expense.....	623		34,000	
		Cash	101			34,000
		<i>Paid wage expense.</i>				

Problem2-6A, Part 1 (continued)

May	31	Jill Wahpoosywan, Withdrawals	302	5,000	
		Cash	101		5,000
		<i>Owner withdrew cash.</i>			
	31	Office Supplies.....	124	1,600	
		Accounts Payable	201		1,600
		<i>Purchased supplies on credit.</i>			
	31	Utilities Expense	690	1,400	
		Cash	101		1,400
		<i>Paid monthly utility bill.</i>			

Note: Assume that all entries were journalized on Page 1 of the General Journal.

Parts 2 and 3

		Cash		Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May	1	G1	75,000		75,000
	1	G1		14,400	60,600
	6	G1	8,000		68,600
	10	G1		14,400	54,200
	19	G1		7,500	46,700
	22	G1	12,800		59,500
	25	G1		34,000	25,500
	31	G1		5,000	20,500
	31	G1		1,400	19,100

		Accounts Receivable		Acct. No. 106	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May	9	G1	16,000		16,000
	22	G1		12,800	3,200
	25	G1	5,280		8,480

		Office Supplies		Acct. No. 124	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May	2	G1	4,800		4,800
	31	G1	1,600		6,400

Problem 2-6A (continued) Parts 2 and 3

Prepaid Insurance				Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 19		G1	7,500		7,500

Prepaid Rent				Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 1		G1	14,400		14,400

Office Equipment				Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 1		G1	48,000		48,000
2		G1	24,000		72,000

Accounts Payable				Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 2		G1		28,800	28,800
10		G1	14,400		14,400
31		G1		1,600	16,000

Jill Wahpoosywan, Capital				Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 1		G1		123,000	123,000

Jill Wahpoosywan, Withdrawals				Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 31		G1	5,000		5,000

Services Revenue				Acct. No. 403	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 6		G1		8,000	8,000
9		G1		16,000	24,000
25		G1		5,280	29,280

Wages Expense				Acct. No. 623	
Date	Explanation	PR	Debit	Credit	Balance
2014					
May 25		G1	34,000		34,000

Problem 2-6A (continued) Parts 2 and 3

		Utilities Expense		Acct. No. 690		
Date		Explanation	PR	Debit	Credit	Balance
2014						
May	31		G1	1,400		1,400

Part 4

**TECHNO WIZARDS
Trial Balance
May 31, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash	\$ 19,100	
106	Accounts receivable.....	8,480	
124	Office supplies.....	6,400	
128	Prepaid insurance	7,500	
131	Prepaid rent	14,400	
163	Office equipment.....	72,000	
201	Accounts payable.....		\$ 16,000
301	Jill Wahpoosywan, capital		123,000
302	Jill Wahpoosywan, withdrawals	5,000	
403	Services revenue.....		29,280
623	Wages expense.....	34,000	
690	Utilities expense.....	1,400	
	Totals	<u>\$168,280</u>	<u>\$168,280</u>

Analysis component:

Equity represents how much of Techno Wizards' assets belong to the owner, Jill Wahpoosywan. Services Revenue is an equity account because as revenues are realized, the business's net worth (assets – liabilities, or equity) increases either through the receipt of an asset (cash or accounts receivable) or satisfying a liability (unearned revenues). Utilities Expense is an equity account because as expenses are realized, net worth (what belongs to the owner) decreases either through the use of an asset (such as prepaid insurance) or increase in a liability (such as rent payable). Jill Wahpoosywan, Withdrawals is an equity account because as the owner withdraws assets, Jill Wahpoosywan's equity in the business (what belongs to the owner) decreases. The owner's objective is for the business to generate sufficient revenues to cover all expenses, provide sufficient assets for the purpose of withdrawals, and at the same time maintain or preferably increase equity (because excess revenues remained after deducting expenses and withdrawals).

Problem 2-7A

**TECHNO WIZARDS
Income Statement
For Month Ended May 31, 2014**

Revenues:		
Service revenue		\$29,280
Operating expenses:		
Wages expense	\$34,000	
Utilities expense	<u>1,400</u>	
Total operating expenses		<u>35,400</u>
Net loss		<u>\$ 6,120</u>

**TECHNO WIZARDS
Statement of Changes in Equity
For Month Ended May 31, 2014**

Jill Wahpoosywan, capital, May 1		\$ 0
Add: Investments by owner		123,000
Less: Withdrawals by owner	\$5,000	
Net loss	<u>6,120</u>	<u>11,120</u>
Jill Wahpoosywan, capital, May 31		<u>\$111,880</u>

The arrows are imaginary but emphasize the link between statements.

**TECHNO WIZARDS
Balance Sheet
May 31, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 19,100	Accounts payable	\$ 16,000
Accounts receivable	8,480		
Office supplies	6,400		
Prepaid insurance	7,500		
Prepaid rent	14,400		
Office equipment	<u>72,000</u>		
Total assets	<u>\$127,880</u>		
		<i>Equity</i>	
		Jill Wahpoosywan, capital	<u>111,880</u>
		Total liabilities and equity	<u>\$127,880</u>

Problem 2-8A (25 minutes)

**WILDCAT OPTICIANS
Income Statement
For Month Ended May 31, 2014**

Revenues:	
Service revenue.....	\$25,280
Operating expenses:	
Wages expense	\$15,000
Rent expense	4,300
Utilities expense.....	<u>1,400</u>
Total operating expenses	<u>20,700</u>
Net income.....	<u>\$ 4,580</u>

**WILDCAT OPTICIANS
Statement of Changes in Equity
For Month Ended May 31, 2014**

Bo Wildcat, capital, May 1.....	\$ -0-
Add: Owner investment	\$ 56,300
Net income.....	<u>4,580</u>
Total	<u>60,880</u>
Less: Withdrawals by owner	<u>\$60,880</u>
Bo Wildcat, capital, May 31.....	<u>1,480</u>
	<u>\$59,400</u>

The arrows are imaginary
but emphasize the link
between statements.

**WILDCAT OPTICIANS
Balance Sheet
May 31, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$18,500	Accounts payable	\$ 1,600
Accounts receivable	8,480	Unearned service revenue.....	<u>7,800</u>
Office supplies	6,400	Total liabilities	\$ 9,400
Prepaid insurance.....	9,820		
Office equipment.....	<u>25,600</u>		
		<i>Equity</i>	
		Bo Wildcat, capital	<u>59,400</u>
		Total liabilities and	
Total assets	<u>\$68,800</u>	equity	<u>\$68,800</u>

Analysis component:

2014

May	31	Utilities Expense	1,400	
		Cash		1,400
		<i>Paid the May utilities.</i>		
	31	Utilities Expense	1,400	
		Accounts Payable		1,400
		<i>Received the May utility bill which will be paid next month.</i>		

Problem 2-9A (90 minutes)

Part 1

		General Journal			Page 1
Date		Account Titles and Explanations	PR	Debit	Credit
2014					
July	1	Cash	101	300,000	
		Office Equipment	163	12,000	
		Drafting Equipment.....	167	90,000	
		Bishr Binbutti, Capital	301		402,000
		<i>Investment by owner.</i>			
	2	Land	183	108,000	
		Cash.....	101		10,800
		Long-Term Notes Payable	251		97,200
		<i>Purchased land.</i>			
	3	Building	173	150,000	
		Cash.....	101		150,000
		<i>Purchased a building.</i>			
	5	Prepaid Insurance.....	128	12,000	
		Cash.....	101		12,000
		<i>Purchased two one-year insurance policies.</i>			
	7	Cash	101	1,400	
		Engineering Fees Earned	401		1,400
		<i>Completed services for cash.</i>			
	9	Drafting Equipment.....	167	45,000	
		Cash.....	101		21,000
		Long-Term Notes Payable	251		24,000
		<i>Purchased drafting equipment.</i>			
	10	Accounts Receivable	106	4,000	
		Engineering Fees Earned	401		4,000
		<i>Completed services on credit.</i>			

Problem 2-9A (continued)

July	12	Office Equipment	163	4,500	
		 Accounts Payable	201		4,500
		 Purchased office equipment on credit.			
	15	Accounts Receivable	106	7,000	
		 Engineering Fees Earned	401		7,000
		 Completed services on credit.			
	16	Equipment Rental Expense	645	13,800	
		 Accounts Payable	201		13,800
		 Equipment rental to be paid in 30 days.			
	17	Cash	101	400	
		 Accounts Receivable	106		400
		 Collection from credit customer.			
	19	Wages Expense	623	12,000	
		 Cash	101		12,000
		 Paid drafting assistants.			
	22	Accounts Payable	201	4,500	
		 Cash	101		4,500
		 Paid July 12 transaction.			
	25	Repairs Expense	684	1,350	
		 Cash	101		1,350
		 Paid for repairs on drafting equipment.			
	26	Bishr Binbutti, Withdrawals	302	800	
		 Cash	101		800
		 Owner withdrawal.			
	30	Wages Expense	623	12,000	
		 Cash	101		12,000
		 Paid drafting assistants.			
	31	Advertising Expense	655	6,000	
		 Cash	101		6,000
		 Paid for advertising in local newspaper.			

Note: Assume all entries were journalized on Page 1 of the General Journal.

Problem 2-9A (continued)

Parts 2 and 3

Cash					Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance				26,000	
July 1		G1	300,000		326,000	
2		G1		10,800	315,200	
3		G1		150,000	165,200	
5		G1		12,000	153,200	
7		G1	1,400		154,600	
9		G1		21,000	133,600	
17		G1	400		134,000	
19		G1		12,000	122,000	
22		G1		4,500	117,500	
25		G1		1,350	116,150	
26		G1		800	115,350	
30		G1		12,000	103,350	
31		G1		6,000	97,350	

Accounts Receivable					Account No. 106	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance				3,000	
July 10		G1	4,000		7,000	
15		G1	7,000		14,000	
17		G1		400	13,600	

Prepaid Insurance					Account No. 128	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance				500	
July 5		G1	12,000		12,500	

Office Equipment					Account No. 163	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance				1,700	
July 1		G1	12,000		13,700	
12		G1	4,500		18,200	

Problem 2-9A (continued)

Parts 2 and 3 (continued)

Drafting Equipment					Account No. 167	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance					1,200
July 1		G1	90,000			91,200
July 9		G1	45,000			136,200

Building					Account No. 173	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance					42,000
July 3		G1	150,000			192,000

Land					Account No. 183	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance					28,000
July 2		G1	108,000			136,000

Accounts Payable					Account No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance					1,740
July 12		G1		4,500		6,240
July 16		G1		13,800		20,040
July 22		G1	4,500			15,540

Long-Term Notes Payable					Account No. 251	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance					24,000
July 2		G1		97,200		121,200
July 9		G1		24,000		145,200

Bishr Binbutti, Capital					Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
June 30	Beginning balance					54,000
July 1		G1		402,000		456,000

Problem 2-9A (continued)

Parts 2 and 3 (continued)

Bishr Binbutti, Withdrawals					Account No. 302
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				1,000
July 26		G1	800		1,800

Engineering Fees Earned					Account No. 401
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				29,600
July 7		G1		1,400	31,000
10		G1		4,000	35,000
15		G1		7,000	42,000

Wages Expense					Account No. 623
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				4,000
July 19		G1	12,000		16,000
30		G1	12,000		28,000

Equipment Rental Expense					Account No. 645
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				1,000
July 16		G1	13,800		14,800

Advertising Expense					Account No. 655
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				640
July 31		G1	6,000		6,640

Repairs Expense					Account No. 684
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				300
July 25		G1	1,350		1,650

Problem 2-9A (concluded)

Part 4

BINBUTTI ENGINEERING
Trial Balance
July 31, 2014

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 97,350	
106	Accounts receivable	13,600	
128	Prepaid insurance.....	12,500	
163	Office equipment.....	18,200	
167	Drafting equipment	136,200	
173	Building	192,000	
183	Land	136,000	
201	Accounts payable		\$ 15,540
251	Long-term notes payable		145,200
301	Bishr Binbutti, capital		456,000
302	Bishr Binbutti, withdrawals.....	1,800	
401	Engineering fees earned		42,000
623	Wages expense	28,000	
645	Equipment rental expense	14,800	
655	Advertising expense.....	6,640	
684	Repairs expense	1,650	
	Totals	<u>\$658,740</u>	<u>\$658,740</u>

Problem 2-10A (25 minutes)

BINBUTTI ENGINEERING
Income Statement
For Three Months Ended July 31, 2014

Revenues:		
Engineering fees earned		\$42,000
Operating expenses:		
Wages expense	\$28,000	
Equipment rental expense	14,800	
Advertising expense	6,640	
Repairs expense	<u>1,650</u>	
Total operating expenses		<u>51,090</u>
Net loss		<u>\$ 9,090</u>

BINBUTTI ENGINEERING
Statement of Changes in Equity
For Three Months Ended July 31, 2014

Bishr Binbutti, capital, May 1		\$ 0
Add: Investments by owner		<u>456,000</u>
Total		456,000
Less: Withdrawals by owner	\$1,800	
Net loss	<u>9,090</u>	
Bishr Binbutti, capital, July 31		<u>\$445,110</u>

The arrows are imaginary but emphasize the link between statements.

BINBUTTI ENGINEERING
Balance Sheet
July 31, 2014

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 97,350	Accounts payable	\$ 15,540
Accounts receivable	13,600	Long-term notes payable	<u>145,200</u>
Prepaid insurance	12,500	Total liabilities	160,740
Office equipment	18,200		
Drafting equipment	136,200	<i>Equity</i>	
Building	192,000	Bishr Binbutti, capital	<u>445,110</u>
Land	<u>136,000</u>	Total liabilities and	
Total assets	<u>\$605,850</u>	equity	<u>\$605,850</u>

Problem 2-11A (45 minutes) Part 1

		General Journal			Page 1
Date		Account Titles and Explanations	PR	Debit	Credit
2014					
July	1	Supplies.....	126	100	
		Accounts Payable	201		100
		<i>Purchased supplies on account.</i>			
	2	Cash.....	101	4,000	
		Unearned Teaching Revenue	233		4,000
		<i>Collected teaching fees for August.</i>			
	3	Cash.....	101	2,000	
		Teaching Revenue.....	401		2,000
		<i>Collected teaching fees for July.</i>			
	4	Rent Expense	640	3,000	
		Cash.....	101		3,000
		<i>Paid July rent.</i>			
	5	Accounts Payable	201	500	
		Cash	101		500
		<i>Paid for supplies purchased on account.</i>			
	15	Ted Ng, Withdrawals.....	302	500	
		Cash.....	101		500
		<i>The owner withdrew cash.</i>			
	20	Wages Expense.....	623	1,300	
		Cash	101		1,300
		<i>Paid wages.</i>			
	31	Furniture	161	300	
		Accounts Payable	201		300
		<i>Purchased a new chair on account.</i>			

Problem 2-11A (continued)

Parts 2 and 3

Cash 101		Supplies 126		Furniture 161		Accounts Payable 201	
Bal. 6,000		Bal. 950		Bal. 8,000		1,500 Bal.	
Jul. 2 4,000	3,000 Jul. 4	Jul. 1 100		Jul. 31 300		Jul. 5 500	100 Jul. 1
3 2,000	500 Jul. 5	Bal. 1,050		Bal. 8,300			300 Jul. 31
	500 Jul. 15						1,400 Bal.
	1,300 Jul. 20						
Bal. 6,700							

Unearned Teaching Rev 233		Ted Ng, Capital 301		Ted Ng, Withdrawals 302		Teaching Revenue 401	
	9,800 Bal.		3,000 Bal.	Bal. 13,000			46,000 Bal.
	4,000 Jul. 2			Jul. 15 500			2,000 Jul. 3
	13,800 Bal.			Bal. 13,500			48,000 Bal.

Wages Expense 623		Rent Expense 640	
Bal. 26,350		Bal. 6,000	
Jul. 20 1,300		Jul. 4 3,000	
Bal. 27,650		Bal. 9,000	

Problem 2-11A (continued)

Part 4

**NG'S ENGLISH SCHOOL
Trial Balance
July 31, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 6,700	
126	Supplies	1,050	
161	Furniture.....	8,300	
201	Accounts payable		\$ 1,400
233	Unearned teaching revenue		13,800
301	Ted Ng, capital		3,000
302	Ted Ng, withdrawals	13,500	
401	Teaching revenue		48,000
623	Wages expense.....	27,650	
640	Rent expense	9,000	
	Totals.....	<u>\$66,200</u>	<u>\$66,200</u>

Problem 2-11A (concluded)
Part 5

NG'S ENGLISH SCHOOL
Income Statement
For Three Months Ended July 31, 2014

Teaching revenue.....		\$48,000
Operating expenses:		
Wages expense	\$27,650	
Rent expense.....	<u>9,000</u>	
Total operating expenses		<u>36,650</u>
Net income.....		<u>\$11,350</u>

NG'S ENGLISH SCHOOL
Statement of Changes in Equity
For Three Months Ended July 31, 2014

Ted Ng, capital, May 1		\$ -0-
Add: Owner investment	\$ 3,000	
Net income	<u>11,350</u>	← <u>14,350</u>
Total		<u>\$14,350</u>
Less: Withdrawals by owner		<u>13,500</u>
Ted Ng, capital, July 31		<u>\$ 850</u>

The arrows are imaginary
but emphasize the link
between statements.

NG'S ENGLISH SCHOOL
Balance Sheet
July 31, 2014

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 6,700	Accounts payable	\$ 1,400
Supplies.....	1,050	Unearned teaching revenue	<u>13,800</u>
Furniture.....	<u>8,300</u>	Total liabilities	\$15,200
		<i>Equity</i>	
		Ted Ng, capital.....	<u>850</u> ←
		Total liabilities and	
Total assets.....	<u>\$16,050</u>	equity	<u>\$16,050</u>

Problem 2-12A (25 minutes)

**FELINE PET CARE
Income Statement
For Year Ended July 31, 2014**

Revenues:		
Fees earned		\$117,000
Operating expenses:		
Wages expense	\$58,000	
Equipment rental expense	34,000	
Pet food expense	17,800	
Advertising expense	<u>9,200</u>	
Total operating expenses		<u>119,000</u>
Net loss		<u>\$ 2,000</u>

**FELINE PET CARE
Statement of Changes in Equity
For Year Ended July 31, 2014**

Betty Lark, capital, August 1		\$ 0
Add: Investments by owner		<u>292,760</u>
Total		292,760
Less: Withdrawals by owner	\$ 5,000	
Net loss	<u>2,000</u>	<u>7,000</u>
Betty Lark, capital, July 31		<u>\$285,760</u>

The arrows are imaginary but emphasize the link between statements.

**FELINE PET CARE
Balance Sheet
July 31, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 23,000	Accounts payable	\$ 15,540
Accounts receivable	11,600	Unearned fees	<u>92,000</u>
Prepaid insurance	12,500	Total liabilities	107,540
Equipment	18,200		
Building	192,000	<i>Equity</i>	
Land	<u>136,000</u>	Betty Lark, capital	<u>285,760</u>
		Total liabilities and equity	<u>\$393,300</u>
Total assets	<u>\$393,300</u>		

Problem 2-12A (concluded)

Analysis component:

2014

July 31	Cash	117,000	
	Fees Earned		117,000
	<i>Received cash for completing work for clients.</i>		
31	Accounts Receivable	117,000	
	Fees Earned		117,000
	<i>Completed work for clients on account.</i>		

Problem 2-13A (15 minutes)

**Wilm's Window Washing Services
Trial Balance
January 31, 2014**

	Debit	Credit
Cash (11,600 + 2,800 ^b – 4,400 ^d)	\$ 10,000	
Accounts receivable (9,240 – 2,800 ^b + 3,600 ^c)	10,040	
Prepaid insurance	2,400	
Equipment (24,000 + 4,000 ^a)	28,000	
Accounts payable (5,400 + 4,000 ^a)		\$ 9,400
Wilm Schmidt, capital		45,000
Wilm Schmidt, withdrawals	8,960	
Service revenues (60,400 + 3,600 ^e)		64,000
Salaries expense	32,000	
Insurance expense	5,200	
Maintenance expense (13,000 + 3,600 ^e)	16,600	
Utilities expense	5,200	
Totals	<u>\$118,400</u>	<u>\$118,400</u>

Note: The superscripts (a) to (e) are references to items (a) to (e) listed in Problem 2-13A.

ALTERNATE PROBLEMS

Problem 2-1B (40 minutes) *Parts 1 and 2*

Cash			
(a)	46,000	30,000	(b)
(g)	2,700	1,800	(f)
(m)	1,000	1,430	(h)
		600	(i)
		2,400	(j)
		1,800	(l)
		1,050	(n)
Balance	10,620		

Accounts Receivable			
(k)	2,400	1,000	(m)
Balance	1,400		

Office Supplies	
(c)	600

Automobiles	
(d)	7,000

Office Equipment			
(a)	24,000	1,600	(j)
(e)	4,600		
(j)	4,000		
Balance	31,000		

Building	
(b)	66,000

Land	
(b)	268,000

Accounts Payable			
(i)	600	600	(c)
		4,600	(e)
		4,600	Balance

Long-Term Notes Payable	
	304,000 (b)

Trevor Peeters, Capital		
	70,000	(a)
	7,000	(d)
	77,000	Balance

Trevor Peeters, Withdrawals	
(n)	1,050

Fees Earned		
	2,700	(g)
	2,400	(k)
	5,100	Balance

Salaries Expense	
(f)	1,800
(l)	1,800
Balance	3,600

Utilities Expense	
(h)	1,430

Problem 2-2B

		General Journal		Page 1
Date		Accounts Titles and Explanations	Debit	Credit
2014				
March	1	Building.....	375,000	
		Cash.....		75,000
		Note Payable		300,000
		<i>Purchased new portable building paying cash and signing a five-year note payable.</i>		
	1	Prepaid Insurance	5,700	
		Cash.....		5,700
		<i>Purchased six months of insurance to begin March 1.</i>		
	2	No entry.		
	4	Cleaning Supplies	450	
		Accounts Payable		450
		<i>Purchased cleaning supplies on account.</i>		
	15	Accounts Payable	450	
		Cash.....		450
		<i>Paid for the March 4 purchase.</i>		
	19	Accounts Receivable	35,000	
		Advertising Revenue (or other revenue account).....		35,000
		<i>Performed work for a client on account.</i>		
	20	Cash	8,000	
		Unearned Revenue.....		8,000
		<i>Collected cash from a customer for work to be done in April.</i>		
	28	Hotel Expense or Travel Expense	240	
		Cash		240
		<i>Paid for a hotel regarding a business meeting.</i>		

Problem 2-2B (concluded)

March	29	Cash	5,000	
		 Advertising Revenue (or other revenue account).....		5,000
		 <i>Provided advertising services and collected cash.</i>		
	30	Salaries Expense.....	25,600	
		 Cash.....		25,600
		 <i>Paid month-end salaries.</i>		
	30	Telephone Expense.....	1,300	
		 Accounts Payable		1,300
		 <i>March telephone bill to be paid on April 14.</i>		
	30	Cash.....	17,500	
		 Accounts Receivable		17,500
		 <i>Collected half of the amount owed by the customer of March 19.</i>		

Note: Assume all entries were journalized on Page 1 of the General Journal.

Problem 2-3B (60 minutes)

		General Journal			Page 1
Date		Account Titles and Explanations	PR	Debit	Credit
2014					
Sept.	1	Cash	101	20,000	
		Office Equipment	163	9,200	
		Susan Hurley, Capital	301		29,200
		<i>Investment by owner.</i>			
	1	Prepaid Rent.....	131	5,600	
		Cash.....	101		5,600
		<i>Paid two months' rent.</i>			
	2	Office Supplies.....	124	1,380	
		Office Equipment	163	3,800	
		Accounts Payable	201		5,180
		<i>Purchased items on credit.</i>			
	4	Cash	101	2,900	
		Accounting Fees Earned	401		2,900
		<i>Sold accounting services for cash.</i>			
	8	Accounts Receivable	106	5,080	
		Accounting Fees Earned	401		5,080
		<i>Sold accounting services on credit.</i>			
	10	Accounts Payable	201	5,180	
		Cash.....	101		5,180
		<i>Paid for credit purchase.</i>			
	14	Prepaid Insurance.....	128	3,300	
		Cash.....	101		3,300
		<i>Paid insurance premium.</i>			
	15	Professional Development Expense.....	680	1,250	
		Cash	101		1,250
		<i>Paid for seminar.</i>			

Problem 2-3B (concluded)

Sept. 18	Cash.....	101	5,080	
	Accounts Receivable.....	106		5,080
	<i>Received cash from credit customer.</i>			
20	No entry.			
24	Accounts Receivable.....	106	5,000	
	Accounting Fees Earned.....	401		5,000
	<i>Sold accounting services on credit.</i>			
28	Susan Hurley, Withdrawals.....	302	2,500	
	Cash.....	101		2,500
	<i>Owner withdrew cash.</i>			
29	Office Supplies.....	124	450	
	Accounts Payable.....	201		450
	<i>Purchased supplies on credit.</i>			
30	Utilities Expense.....	690	1,750	
	Cash.....	101		1,750
	<i>Paid utilities bill.</i>			

Note: The account numbers in the PR column above would be included only when these journal entries are being posted in Problem 2-4B. Assume that all entries were journalized on Page 1 of the General Journal.

Problem 2-4B

Parts 1 and 2

Cash			Acct. No. 101		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Sept. 1		G1	20,000		20,000
1		G1		5,600	14,400
4		G1	2,900		17,300
10		G1		5,180	12,120
14		G1		3,300	8,820
15		G1		1,250	7,570
18		G1	5,080		12,650
28		G1		2,500	10,150
30		G1		1,750	8,400

Accounts Receivable			Acct. No. 106		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Sept. 8		G1	5,080		5,080
18		G1		5,080	0
24		G1	5,000		5,000

Office Supplies			Acct. No. 124		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Sept. 2		G1	1,380		1,380
29		G1	450		1,830

Prepaid Insurance			Acct. No. 128		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Sept. 14		G1	3,300		3,300

Prepaid Rent			Acct. No. 131		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Sept. 1		G1	5,600		5,600

Office Equipment			Acct. No. 163		
Date	Explanation	PR	Debit	Credit	Balance
2014					
Sept. 1		G1	9,200		9,200
2		G1	3,800		13,000

Problem 2-4B (continued)

Parts 1 and 2

Accounts Payable					Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Sept. 2		G1		5,180		5,180
10		G1	5,180			0
29		G1		450		450

Susan Hurley, Capital					Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Sept. 1		G1		29,200		29,200

Susan Hurley, Withdrawals					Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Sept. 28		G1	2,500			2,500

Accounting Fees Earned					Acct. No. 401	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Sept. 4		G1		2,900		2,900
8		G1		5,080		7,980
24		G1		5,000		12,980

Professional Development Expense					Acct. No. 680	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Sept. 15		G1	1,250			1,250

Utilities Expense					Acct. No. 690	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Sept. 30		G1	1,750			1,750

Problem 2-4B (concluded)

Part 3

**SUSAN HURLEY, PUBLIC ACCOUNTANT
Trial Balance
September 30, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 8,400	
106	Accounts receivable.....	5,000	
124	Office supplies.....	1,830	
128	Prepaid insurance.....	3,300	
131	Prepaid rent.....	5,600	
163	Office equipment	13,000	
201	Accounts payable		\$ 450
301	Susan Hurley, capital.....		29,200
302	Susan Hurley, withdrawals	2,500	
401	Accounting fees earned		12,980
680	Professional development expense	1,250	
690	Utilities expense	1,750	
	Totals.....	<u>\$42,630</u>	<u>\$42,630</u>

Problem 2-5B (25 minutes)

**SUSAN HURLEY, PUBLIC ACCOUNTANT
Income Statement
For Month Ended September 30, 2014**

Revenues:		
Accounting fees earned.....		\$12,980
Operating expenses:		
Utilities expense.....	\$1,750	
Professional development expense.....	<u>1,250</u>	
Total operating expenses		<u>3,000</u>
Net income		<u>\$ 9,980</u>

**SUSAN HURLEY, PUBLIC ACCOUNTANT
Statement of Changes in Equity
For Month Ended September 30, 2014**

Susan Hurley, capital, September 1		\$ 0
Add: Investments by owner.....	\$29,200	
Net income	<u>9,980</u>	
Total		<u>39,180</u>
Less: Withdrawals by owner		<u>2,500</u>
Susan Hurley, capital, September 30		<u>\$36,680</u>

The arrows are imaginary but emphasize the link between statements.

**SUSAN HURLEY, PUBLIC ACCOUNTANT
Balance Sheet
September 30, 2014**

Assets		Liabilities	
Cash.....	\$ 8,400	Accounts payable	\$ 450
Accounts receivable	5,000		
Office supplies	1,830		
Prepaid insurance.....	3,300	Equity	
Prepaid rent.....	5,600	Susan Hurley, capital	<u>36,680</u>
Office equipment.....	<u>13,000</u>	Total liabilities and	
Total assets	<u>\$37,130</u>	equity	<u>\$37,130</u>

Problem 2-6B (90 minutes)

Part 1

		General Journal		Page 1
Date		Account Titles and Explanations	Debit	Credit
2014				
Nov.	1	Cash..... 101	62,000	
		Office Equipment 163	19,000	
		Tait Unger, Capital..... 301		81,000
		<i>Owner invested in the business.</i>		
	2	Prepaid Rent..... 131	21,000	
		Cash 101		21,000
		<i>Prepaid three months' rent.</i>		
	4	Office Equipment 163	9,000	
		Office Supplies..... 124	1,650	
		Accounts Payable 201		10,650
		<i>Purchased equipment and supplies on credit.</i>		
	8	Cash..... 101	5,200	
		Service Fees Earned 401		5,200
		<i>Received cash from client for completed work.</i>		
	12	Accounts Receivable..... 106	4,800	
		Service Fees Earned 401		4,800
		<i>Billed client for completed work.</i>		
	13	Accounts Payable 201	10,650	
		Cash 101		10,650
		<i>Paid balance due on accounts payable.</i>		
	19	Prepaid Insurance..... 128	3,750	
		Cash 101		3,750
		<i>Paid annual premium for insurance.</i>		
	22	Cash..... 101	2,000	
		Accounts Receivable 106		2,000
		<i>Collected part of the amount owed by a client.</i>		
	24	Accounts Receivable..... 106	3,600	
		Service Fees Earned 401		3,600
		<i>Billed client for completed work.</i>		

Problem 2-6B (continued)

Part 1

Nov. 28	Tait Unger, Withdrawals	302	5,300	
	Cash	101		5,300
	<i>Owner withdrew cash for personal use.</i>			
29	Office Supplies.....	124	1,700	
	Accounts Payable	201		1,700
	<i>Purchased supplies on credit.</i>			
30	Wages Expense.....	680	19,000	
	Cash	101		19,000
	<i>Paid wages.</i>			
30	Utilities Expense	690	1,650	
	Cash	101		1,650
	<i>Paid monthly utility bill.</i>			

Note: Assume all entries were journalized on Page 1 of the General Journal.

Problem 2-6B (continued)

Parts 2 and 3

Cash					Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 1		G1	62,000		62,000	
2		G1		21,000	41,000	
8		G1	5,200		46,200	
13		G1		10,650	35,550	
19		G1		3,750	31,800	
22		G1	2,000		33,800	
28		G1		5,300	28,500	
30		G1		19,000	9,500	
30		G1		1,650	7,850	

Accounts Receivable					Acct. No. 106	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 12		G1	4,800		4,800	
22		G1		2,000	2,800	
24		G1	3,600		6,400	

Office Supplies					Acct. No. 124	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 4		G1	1,650		1,650	
29		G1	1,700		3,350	

Prepaid Insurance					Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 19		G1	3,750		3,750	

Prepaid Rent					Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 2		G1	21,000		21,000	

Problem 2-6B (continued)**Parts 2 and 3**

Office Equipment					Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 1		G1	19,000		19,000	
4		G1	9,000		28,000	

Accounts Payable					Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 4		G1		10,650	10,650	
13		G1	10,650		0	
29		G1		1,700	1,700	

Tait Unger, Capital					Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 1		G1		81,000	81,000	

Tait Unger, Withdrawals					Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 28		G1	5,300		5,300	

Service Fees Earned					Acct. No. 401	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 8		G1		5,200	5,200	
12		G1		4,800	10,000	
24		G1		3,600	13,600	

Wages Expense					Acct. No. 680	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 30		G1	19,000		19,000	

Utilities Expense					Acct. No. 690	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Nov. 30		G1	1,650		1,650	

Problem 2-6B (concluded)

Part 4

**WiCOM SERVICING
Trial Balance
November 30, 2011**

Acct. No.	Account Title	Debit	Credit
101	Cash	\$ 7,850	
106	Accounts receivable.....	6,400	
124	Office supplies.....	3,350	
128	Prepaid insurance	3,750	
131	Prepaid rent	21,000	
163	Office equipment	28,000	
201	Accounts payable.....		\$ 1,700
301	Tait Unger, capital		81,000
302	Tait Unger, withdrawals	5,300	
401	Service fees earned.....		13,600
680	Wages expense	19,000	
690	Utilities expense	<u>1,650</u>	
	Totals	<u>\$96,300</u>	<u>\$96,300</u>

Analysis component:

The November 29 purchase of office supplies is recorded as a debit to an asset account because they have not yet been used. Assets are economic resources held by the business. The supplies will remain on the books as an asset until they are used. Once used, the supplies will become an expense.

Problem 2-7B (25 minutes)

**WiCOM SERVICING
Income Statement
For Month Ended November 30, 2014**

Revenues:		
Service fees earned.....		\$13,600
Operating expenses:		
Wages expense	\$19,000	
Utilities expense	<u>1,650</u>	
Total operating expenses		<u>20,650</u>
Net loss		<u>\$ 7,050</u>

**WiCOM SERVICING
Statement of Changes in Equity
For Month Ended November 30, 2014**

Tait Unger, capital, November 1		\$ 0
Add: Investments by owner		<u>81,000</u>
Total		<u>81,000</u>
Less: Withdrawals by owner	\$5,300	
Net loss	<u>7,050</u>	<u>12,350</u>
Tait Unger, capital, November 30		<u>\$68,650</u>

The arrows are imaginary but emphasize the link between statements.

**WiCOM SERVICING
Balance Sheet
November 30, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 7,850	Accounts payable.....	\$ 1,700
Accounts receivable	6,400		
Office supplies	3,350		
Prepaid insurance.....	3,750		
Prepaid rent.....	21,000		
Office equipment.....	<u>28,000</u>		
Total assets	<u>\$70,350</u>		
		<i>Equity</i>	
		Tait Unger, capital	<u>68,650</u>
		Total liabilities and equity	<u>\$70,350</u>

Problem 2-8B (25 minutes)

RUSH INNOVATIONS
Income Statement
For Month Ended November 30, 2014

Service fees earned.....		\$15,800
Operating expenses:		
Wages expense	\$16,000	
Utilities expense	<u>2,920</u>	
Total operating expenses		<u>18,920</u>
Net loss		<u>\$ 3,120</u>

RUSH INNOVATIONS
Statement of Changes in Equity
For Month Ended November 30, 2014

Jay Rush, capital, November 1.....		\$ 0
Add: Investments by owner		<u>146,000</u>
Total		146,000
Less: Withdrawals by owner	\$10,600	
Net loss	<u>3,120</u>	<u>13,720</u>
Jay Rush, capital, November 30.....		<u>\$132,280</u>

The arrows are
imaginary but
emphasize the link
between
statements.

RUSH INNOVATIONS
Balance Sheet
November 30, 2014

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 23,480	Accounts payable	\$ 3,400
Accounts receivable	7,000		
Office supplies	5,800		
Prepaid insurance.....	10,400		
Prepaid rent.....	21,000		
Office equipment.....	<u>68,000</u>		
Total assets	<u>\$135,680</u>		
		<i>Equity</i>	
		Jay Rush, capital.....	<u>132,280</u>
		Total liabilities and	
		equity	<u>\$135,680</u>

Problem 2-8B (concluded)

Analysis component:

2014

Nov. 30	Accounts Receivable	XXX	
	 Service Fees Earned		XXX
	 <i>Did work for a customer on account.</i>		
30	Cash	XXX	
	 Accounts Receivable		XXX
	 <i>Collected an amount owing from a credit customer.</i>		

Problem 2-9B (90 minutes)

Part 1

General Journal					Page 1
Date	Account Titles and Explanations	PR	Debit	Credit	
2014					
July	1	Office Equipment	163	9,000	
		Trucks.....	153	56,000	
		 Long-Term Notes Payable.....	251		65,000
		 <i>Purchased assets on credit.</i>			
	2	Land	183	124,000	
		 Cash.....	101		40,800
		 Long-Term Notes Payable.....	251		83,200
		 <i>Purchased land.</i>			
	3	Building	173	21,000	
		 Cash.....	101		21,000
		 <i>Purchased a building.</i>			
	5	Prepaid Insurance.....	128	9,600	
		 Cash.....	101		9,600
		 <i>Purchased two one-year insurance policies.</i>			
	9	Cash.....	101	3,200	
		 Fees Earned	401		3,200
		 <i>Performed services for cash.</i>			
	12	Office Equipment	163	6,500	
		 Cash.....	101		700
		 Long-Term Notes Payable.....	251		5,800
		 <i>Purchased office equipment.</i>			
	15	Accounts Receivable.....	106	3,750	
		 Fees Earned	401		3,750
		 <i>Performed services on credit.</i>			
	20	Accounts Receivable.....	106	9,200	
		 Fees Earned	401		9,200
		 <i>Performed services on credit.</i>			

Problem 2-9B (continued)

Part 1

General Journal					Page 2
Date	Account Titles and Explanations		PR	Debit	Credit
2014					
July 21	Truck Rental Expense.....		645	1,300	
	Accounts Payable.....		201		1,300
	<i>Rented truck on credit.</i>				
22	Cash.....		101	5,000	
	Accounts Receivable.....		106		5,000
	<i>Collected cash from credit customer.</i>				
23	Wages Expense.....		623	1,600	
	Cash.....		101		1,600
	<i>Paid wages to assistant.</i>				
24	Accounts Payable.....		201	1,300	
	Cash.....		101		1,300
	<i>Paid for July 21 rental on account.</i>				
25	Repairs Expense.....		684	1,425	
	Cash.....		101		1,425
	<i>Paid for truck repairs.</i>				
26	Brett Wilson, Withdrawals.....		302	3,875	
	Cash.....		101		3,875
	<i>Owner withdrawal.</i>				
27	Wages Expense.....		623	1,600	
	Cash.....		101		1,600
	<i>Paid wages to assistant.</i>				
28	Advertising Expense.....		655	800	
	Cash.....		101		800
	<i>Paid for advertising in local newspaper.</i>				
29	Cash.....		101	1,400	
	Unearned Fees.....		233		1,400
	<i>Received cash for services to be performed in August.</i>				

Problem 2-9B (continued)

Parts 2 and 3

Cash				Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				75,000
July 2		G1		40,800	34,200
3		G1		21,000	13,200
5		G1		9,600	3,600
9		G1	3,200		6,800
12		G1		700	6,100
22		G2	5,000		11,100
23		G2		1,600	9,500
24		G2		1,300	8,200
25		G2		1,425	6,775
26		G2		3,875	2,900
27		G2		1,600	1,300
28		G2		800	500
29		G2	1,400		1,900

Accounts Receivable				Account No. 106	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				950
July 15		G1	3,750		4,700
20		G1	9,200		13,900
22		G2		5,000	8,900

Prepaid Insurance				Account No. 128	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				275
July 5		G1	9,600		9,875

Trucks				Account No. 153	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				20,800
July 1		G1	56,000		76,800

Problem 2-9B (continued)

Parts 2 and 3

Office Equipment				Account No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				1,200
July 1		G1	9,000		10,200
12		G1	6,500		16,700

Building				Account No. 173	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				-0-
July 3		G1	21,000		21,000

Land				Account No. 183	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				-0-
July 2		G1	124,000		124,000

Accounts Payable				Account No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				725
July 21		G1		1,300	2,025
24		G2	1,300		725

Unearned Fees				Account No. 233	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				0
July 29		G2		1,400	1,400

Long-Term Notes Payable				Account No. 251	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				7,000
July 1		G1		65,000	72,000
2		G1		83,200	155,200
12		G1		5,800	161,000

Problem 2-9B (continued)

Parts 2 and 3

Brett Wilson, Capital				Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				83,825

Brett Wilson, Withdrawals				Account No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				600
July 26		G2	3,875		4,475

Fees Earned				Account No. 401	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				8,400
July 9		G1		3,200	11,600
15		G1		3,750	15,350
20		G1		9,200	24,550

Wages Expense				Account No. 623	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				780
July 23		G2	1,600		2,380
27		G2	1,600		3,980

Truck Rental Expense				Account No. 645	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				230
July 21		G2	1,300		1,530

Advertising Expense				Account No. 655	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				75
July 28		G2	800		875

Repairs Expense				Account No. 684	
Date	Explanation	PR	Debit	Credit	Balance
2014					
June 30	Beginning balance				40
July 25		G2	1,425		1,465

Problem 2-9B (concluded)

Part 4

**FROG BOX COMPANY
Trial Balance
July 31, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 1,900	
106	Accounts receivable	8,900	
128	Prepaid insurance.....	9,875	
153	Trucks.....	76,800	
163	Office equipment	16,700	
173	Building	21,000	
183	Land.....	124,000	
201	Accounts payable		\$ 725
233	Unearned fees		1,400
251	Long-term notes payable		161,000
301	Brett Wilson, capital		83,825
302	Brett Wilson, withdrawals	4,475	
401	Fees earned.....		24,550
623	Wages expense.....	3,980	
645	Truck rental expense	1,530	
655	Advertising expense.....	875	
684	Repairs expense	1,465	
	Totals.....	<u>\$271,500</u>	<u>\$271,500</u>

Problem 2-10B

FROG BOX COMPANY
Income Statement
For Month Ended July 31, 2014

Revenues:		
Fees earned		\$24,550
Operating expenses:		
Wages expense	\$3,980	
Truck rental expense	1,530	
Repairs expense	1,465	
Advertising expense	<u>875</u>	
Total operating expenses		<u>7,850</u>
Net income		<u>\$16,700</u>

FROG BOX COMPANY
Statement of Changes in Equity
For Month Ended July 31, 2014

Brett Wilson, capital, July 1	\$ 83,825
Add: Net income	<u>16,700</u>
Total	<u>\$100,525</u>
Less: Withdrawals by owner	<u>4,475</u>
Brett Wilson, capital, July 31	<u>\$ 96,050</u>

The arrows are imaginary but emphasize the link between statements.

FROG BOX COMPANY
Balance Sheet
July 31, 2014

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 1,900	Accounts payable	\$ 725
Accounts receivable	8,900	Unearned fees	1,400
Prepaid insurance	9,875	Long-term notes payable	<u>161,000</u>
Trucks	76,800	Total liabilities	<u>\$163,125</u>
Office equipment	16,700		
Building	21,000	<i>Equity</i>	
Land	<u>124,000</u>	Brett Wilson, capital	<u>96,050</u>
Total assets	<u>\$259,175</u>	Total liabilities and equity	<u>\$259,175</u>

Problem 2-11B (45 minutes)

Part 1

General Journal					Page 1
Date	Account Titles and Explanations		PR	Debit	Credit
Nov. 1	Accounts Payable		201	10,000	
	Cash		101		10,000
	<i>Paid for purchase made on account.</i>				
	2 Office Equipment		163	34,000	
	Cash		101		6,000
	Notes Payable.....		205		28,000
	<i>Purchased a photocopier.</i>				
	3 Office Supplies		124	800	
	Cash		101		800
	<i>Purchased supplies for cash.</i>				
	14 Wages Expense.....		623	6,000	
	Cash.....		101		6,000
	<i>Paid wages.</i>				
	20 Cash		101	14,000	
	Travel Revenue.....		401		14,000
	<i>Collected cash for November travel.</i>				
	25 Ike Petrov, Withdrawals		302	2,000	
	Cash.....		101		2,000
	<i>The owner withdrew cash.</i>				
	30 Interest Expense		633	150	
	Cash		101		150
	<i>Paid interest on notes payable.</i>				

Note: There is no entry to record for November 4 as this does not represent an economic exchange.

Problem 2-11B (continued)

Parts 2 and 3

Cash 101				Office Supplies 124				Office Equipment 163				Accounts Payable 201			
Bal.	26,000	10,000	Nov. 1	Bal.	900			Bal.	36,000			Nov. 1	10,000	43,000	Bal.
Nov. 20	14,000	6,000	2	Nov. 3	800			Nov. 2	34,000						
		800	3												
		6,000	14												
		2,000	25												
		150	30												
Bal.	15,050			Bal.	1,700			Bal.	70,000					33,000	Bal.

Notes Payable 205				Ike Petrov, Capital 301				Ike Petrov, Withdrawals 302				Travel Revenue 401			
		20,000	Bal.			8,000	Bal.	Bal.	4,000					34,000	Bal.
		28,000	Nov. 2					Nov. 25	2,000					14,000	Nov. 20
		48,000	Bal.					Bal.	6,000					48,000	Bal.

Wages Expense 623				Interest Expense 633			
Bal.	38,000			Bal.	100		
Nov. 14	6,000			Nov. 30	150		
Bal.	44,000			Bal.	250		

Problem 2-11B (continued)

Part 4

**TOUR-ALONG
Trial Balance
November 30, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 15,050	
124	Office supplies.....	1,700	
163	Office equipment	70,000	
201	Accounts payable		\$ 33,000
205	Notes payable		48,000
301	Ike Petrov, capital		8,000
302	Ike Petrov, withdrawals	6,000	
401	Travel revenue		48,000
623	Wages expense.....	44,000	
633	Interest expense	250	
	Totals.....	<u>\$137,000</u>	<u>\$137,000</u>

Problem 2-11B (continued)

Part 5

**TOUR-ALONG
Income Statement
For Two Months Ended November 30, 2014**

Travel revenue		\$48,000
Operating expenses:		
Wages expense	\$44,000	
Interest expense	<u>250</u>	
Total operating expenses		<u>44,250</u>
Net income		<u>\$ 3,750</u>

**TOUR-ALONG
Statement of Changes in Equity
For Two Months Ended November 30, 2014**

Ike Petrov, capital, October 1		\$ -0-
Add: Owner investment	\$8,000	
Net income	<u>3,750</u>	<u>11,750</u>
Total		\$11,750
Less: Withdrawals by owner		<u>6,000</u>
Ike Petrov, capital, November 30.....		<u>\$ 5,750</u>

The arrows are imaginary but emphasize the link between statements.

**TOUR-ALONG
Balance Sheet
November 30, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$15,050	Accounts payable.....	\$33,000
Office supplies	1,700	Notes payable	<u>48,000</u>
Office equipment.....	<u>70,000</u>	Total liabilities	\$81,000
		<i>Equity</i>	
		Ike Petrov, capital.....	<u>5,750</u>
		Total liabilities and equity	<u>\$86,750</u>
Total assets	<u>\$86,750</u>		

Analysis component:

The \$8,000 October 31 balance in Ike Petrov, Capital represents investments made by the owner, Ike Petrov, into the business.

Problem 2-12B

LINCOLN LANDSCAPING
Income Statement
For Three Months Ended July 31, 2014

Revenues:	
Fees earned	\$29,100
Operating expenses:	
Wages expense	\$59,000
Advertising expense	1,750
Rental expense	1,100
Repairs expense	<u>930</u>
Total operating expenses	<u>62,780</u>
Net loss	<u>\$33,680</u>

LINCOLN LANDSCAPING
Statement of Changes in Equity
For Three Months Ended July 31, 2014

Brielle Lincoln, capital, May 1	\$ 0
Add: Investments by owner	<u>65,000</u>
Total	65,000
Less: Withdrawals by owner	\$ 8,950
Net loss	<u>33,680</u>
Brielle Lincoln, capital, July 31	<u>\$22,370</u>

The arrows are imaginary but emphasize the link between statements.

LINCOLN LANDSCAPING
Balance Sheet
July 31, 2014

Assets		Liabilities	
Cash	\$ 23,720	Accounts payable	\$ 37,500
Accounts receivable	18,600	Unearned fees	2,800
Prepaid insurance	13,750	Long-term notes payable	<u>58,000</u>
Equipment	<u>64,600</u>	Total liabilities	<u>\$98,300</u>
		Equity	
		Brielle Lincoln, capital	<u>22,370</u>
Total assets	<u>\$120,670</u>	Total liabilities and equity	<u>\$120,670</u>

Analysis component:

- a) Assets financed by debt = $(\$98,300 / \$120,670) \times 100 = 81.5\%$
- b) Assets financed by equity = $(\$22,370 / \$120,670) \times 100 = 18.5\%$

Problem 2-13B

**DANCE-A-LOT
Trial Balance
December 31, 2014**

Account Title	Debit	Credit
Cash (\$37,175 ^a - \$30,540 ^a)	\$ 6,635	
Accounts receivable (\$7,900 - \$275 ^b).....	7,625	
Office supplies (\$2,650 + 400 ^c).....	3,050	
Office equipment.....	20,500	
Accounts payable (\$9,465 + 400 ^c).....		\$ 9,865
Bev Horricks, capital (a credit balance account)		16,745
Services revenue (\$23,250 ^d not \$22,350).....		23,250
Wages expense (a debit balance account).....	6,000	
Rent expense (a debit balance account)	4,800	
Advertising expense (a debit balance account).....	<u>1,250</u>	
Totals	<u>\$49,860</u>	<u>\$49,860</u>

Note: The superscripts (a) to (d) are references to items (a) to (d) listed in Problem 2-13B.

ANALYTICAL AND REVIEW PROBLEMS

A&R Problem 2-1 (35 minutes)

YOUNG ENGINEERING
Trial Balance
March 31, 2014

Account Title	Debit	Credit
Cash.....	\$26,660	
Office supplies	660	
Prepaid insurance.....	3,200	
Office equipment.....	16,500	
Accounts payable		\$16,500
Carlos Young, capital		17,000
Carlos Young, withdrawals	3,740	
Consulting fees earned		24,000
Rent expense.....	<u>6,740</u>	
Totals	<u>\$57,500</u>	<u>\$57,500</u>

1. Purchased \$660 of office supplies for cash.
2. Paid \$3,200 insurance premium in advance.
3. Purchased \$16,500 office equipment on credit.
4. Carlos Young invested \$17,000 cash in the business.
5. Carlos Young withdrew \$3,740 cash from the business for personal use.
6. Earned \$24,000 in consulting services and was paid in cash.
7. Paid \$6,740 rent expense with cash.

A&R 2-2 (30 minutes)

**Nice-n-Fresh Drycleaning
Statement of Changes in Equity
For Months Ended**

	April 30, 2014	March 31, 2014
Ed Fresh, capital, beginning.....	\$ 34,400	\$ 0
Add: Investment by owner	0	10,000
Net income	<u>48,500⁴</u>	<u>25,400³</u>
Total	\$ 82,900	\$35,400
Less: Withdrawals by owner	<u>25,100</u>	<u>1,000</u>
Ed Fresh, capital, ending	<u>\$57,800</u>	<u>\$34,400</u>

**Nice-n-Fresh Drycleaning
Balance Sheet**

	April 30, 2014	March 31, 2014		April 30, 2014	March 31, 2014
Assets			Liabilities		
Cash	\$ 7,000	\$ 3,000	Accounts payable.....	\$ 700	\$ 500
Cleaning supplies	3,500	900	Notes payable	<u>40,000</u>	<u>15,000</u>
Prepaid rent	12,000	16,000	Total liabilities	\$40,700	\$15,500
Equipment	<u>76,000</u>	<u>30,000</u>	Equity		
			Ed Fresh, capital.....	<u>57,800²</u>	<u>34,400¹</u>
			Total liabilities and		
Total assets	<u>\$98,500</u>	<u>\$49,900</u>	equity	<u>\$98,500</u>	<u>\$49,900</u>

Calculations:

1. $49,900 - 15,500 = 34,400$
2. $98,500 - 40,700 = 57,800$
3. $34,400 + 1,000 - 10,000 = 25,400$
4. $57,800 + 25,100 - 34,400 = 48,500$

Analysis component:

- a. Liabilities increased because of the \$200 increase in accounts payable and the \$25,000 increase in notes payable used, most probably, to finance the purchase of equipment (equipment increased by \$46,000).
- b. Equity increased by a larger amount in March than April because the owner invested \$10,000 during March and nothing during April. Also, during April, the owner made a withdrawal of \$25,100 and only \$1,000 in March. Net income in April was almost twice as much as that reported for March but the large withdrawal and no investments during April caused equity to increase by a smaller amount than in March.

ETHICS CHALLENGE

This problem emphasizes the importance of source documents.

1. There are advantages to the process proposed by the manager. They include improved customer service, less delays, and less work for you. However, you should have serious concerns about the potential for fraud. In particular, there is no control over the possibility of embezzlement by the manager because there are no source documents* being prepared at the time of sale. The manager could steal cash and simply prepare sales receipts to match the remaining cash.

This case involves a conflict between the need for efficiency and the need for control in the form of source documents*. While it makes sense to take and process sales receipts quickly, this efficiency is being accomplished by a shortcut that greatly weakens control over cash receipts. That is, cash could be received and lost because there would be no source documents to verify the sales and cash received.

**Recall from Chapter 1 that source documents identify and describe transactions entering the accounting process and are the source of accounting information, whether in paper or electronic form.*

2. The manager's explanation that the owner does not arrive until 3:00 p.m. suggests that the owner does not know about the proposed shortcut. Thus, the new employee is faced with the dilemma of deciding whether to accept the manager's instructions, to confront the manager with the argument that the shortcut seems wrong, or to ask the owner to confirm the instructions. Each of these alternatives involves personal risk.

Initially, the best thing may be to simply work as instructed for a while in order to get an idea of whether the shortcut is being abused by the manager and perhaps to find out discreetly whether the owner knows about it. The relationship that develops between you and the manager may be of a nature that will allow you to explain your concern and convince the manager that the shortcut should be avoided. Even if the manager is not abusing this shortcut, there are other reasons for doing away with it, such as maintaining accurate records for tax reports and gathering marketing information. Also, the shortcut may result in fraud by other employees who might not be as honest as you and the manager.

If you conclude that the manager is committing fraud, you should report the situation to the owner as quickly as possible.

FFS 2-1

**McALLISTER SURVEYING
Income Statement
For Month Ended May 31, 2014**

Revenue:		
Surveying fees earned		\$18,000
Operating expenses:		
Advertising expense	\$3,200	
Rent expense.....	3,100	
Salaries expense	3,000	
Insurance expense	900	
Telephone expense	600	
Utilities expense.....	<u>300</u>	
Total operating expenses		<u>11,100</u>
Net income		<u>\$ 6,900</u>

**McALLISTER SURVEYING
Statement of Changes in Equity
For Month Ended May 31, 2014**

Travis McAllister, capital, May 1		\$75,000
Add: Investments by owner	\$3,000	
Net income.....	<u>6,900</u>	<u>9,900</u>
Total		\$84,900
Less: Withdrawals by owner		<u>6,000</u>
Travis McAllister, capital, May 31		<u>\$78,900</u>

**McALLISTER SURVEYING
Balance Sheet
May 31, 2014**

Assets		Liabilities	
Cash.....	\$ 3,900	Accounts payable	\$ 2,400
Accounts receivable.....	2,700	Unearned surveying fees	6,000
Office supplies	300	Short-term notes payable.....	<u>48,000</u>
Prepaid insurance.....	1,800	Total liabilities.....	\$ 56,400
Prepaid rent.....	4,200		
Surveying equipment	5,400		
Buildings	81,000	Equity	
Land.....	<u>36,000</u>	Travis McAllister, capital.....	<u>78,900</u>
Total assets	<u>\$135,300</u>	Total liabilities and equity	<u>\$135,300</u>

Analysis component:

Withdrawals are how an owner takes assets out of the business for personal use. McAllister Surveying realized a \$6,900 net income during the month which caused equity to increase. It is reasonable for the owner to benefit from that net income by making a withdrawal even though withdrawals cause equity to decrease.

FFS 2-2

1(a)(i)

Accounts Receivable	XXX	
Guest Revenues		XXX
<i>Provided services to customers on account.</i>		
Cash	XXX	
Guest Revenues		XXX
<i>Provided services to customers for cash.</i>		

1(a)(ii) Revenues affect the balance sheet because they cause equity to increase.

1(a)(iii) The Revenue Recognition Principle assures us that revenues on the income statement are for the year ended December 31, 2011.

1(b)(i)

Interest Expense	XXX	
Cash		XXX
<i>Paid interest expense..</i>		

1(b)(ii) Yes, expenses affect the balance sheet because they cause equity to decrease.

2(a) Advance ticket sales represent airline tickets sold in advance to customers.

2(b)

Cash	XXX	
Advance Ticket Sales		XXX
<i>Cash received in advance from customers for airline tickets sold</i>		

Critical Thinking Question

CT 2-1

Note to instructor: *Student responses will vary and therefore the answer here is only suggested and not inclusive of all possibilities; it is presented in point form for brevity.*

Problem(s):

- information that is available does not provide adequate detail to enable analysis and resulting decision making (from the Western Canadian Sales Division Manager's perspective; from the perspective of the sales and admin staff, the limited detail would make recording information very straightforward/easy since there are only 2 accounts — 1 revenue and 1 expense)

Goal(s)*:

- Sales Division Manager would want to maximize sales, minimize costs, and at the same time accurately record and report with sufficient detail to assist decision making process

Assumption(s)/Principle(s):

- division results have been deteriorating but because of a lack of detail, appropriate questions were not being asked and consequently inappropriate decisions were likely being made
- the disclosure principle (introduced in Chapter 6) requires that appropriate detail be provided and the materiality principle (introduced in Chapter 7) suggests that anything of significance be disclosed/reported

Facts:

- as presented in the sales reports
- by converting the dollars to percentages, we see that from July to September, although net income is increasing in total dollars, expenses are increasing as a percentage of sales causing net income to shrink as a percentage of sales which is unfavourable

Prairie Insurance – Western Canadian Division						
Sales Report						
Month Ended						
	Sept. 30, 2014	%	Aug. 31, 2014	%	July 31, 2014	%
Sales revenue	\$680,000	100	\$510,000	100	\$440,000	100
Expenses	544,000	80	382,500	75	321,200	73
Net income	\$136,000	20	\$127,500	25	\$118,800	27

CT 2-1 (concluded)

Conclusion(s)/Consequence(s):

- **more revenue and expense accounts are required to provide sufficient detail to allow appropriate monitoring/questions and resulting decisions; this will require a restructuring of the accounting including submission of expense reports which requires resources including expertise**

***The goal is highly dependent on “perspective.”**

Serial Problem, Echo Systems (120 minutes) Part A

2.

				General	
Journal Date	Page 1	Account Titles and Explanations	PR	Debit	Credit
2014					
Oct.	1	Cash.....	101	90,000	
		Office Equipment	163	18,000	
		Computer Equipment.....	167	36,000	
		Mary Graham, Capital	301		144,000
		<i>Owner invested in the business.</i>			
	2	Prepaid Rent.....	131	9,000	
		Cash	101		9,000
		<i>Paid rent in advance.</i>			
	3	Computer Supplies	126	2,640	
		Accounts Payable	201		2,640
		<i>Purchased supplies on credit.</i>			
	5	Prepaid Insurance.....	128	4,320	
		Cash	101		4,320
		<i>Paid 12 months' premium in advance.</i>			
	6	Accounts Receivable	106	6,600	
		Computer Services Revenue	403		6,600
		<i>Billed customer for services.</i>			
	8	Accounts Payable	201	2,640	
		Cash	101		2,640
		<i>Paid balance due on account payable.</i>			
	10	No entry recorded in the journal.			
	12	Accounts Receivable	106	2,400	
		Computer Services Revenue	403		2,400
		<i>Billed customer for services.</i>			
	15	Cash.....	101	6,600	
		Accounts Receivable	106		6,600
		<i>Collected accounts receivable.</i>			
	17	Repairs Expense, Computer	684	1,410	
		Cash	101		1,410
		<i>Paid for computer repairs.</i>			
	20	Advertising Expense	655	3,720	
		Cash	101		3,720
		<i>Purchased ad in local newspaper.</i>			
	22	Cash.....	101	2,400	
		Accounts Receivable	106		2,400
		<i>Collected accounts receivable.</i>			

Serial Problem, Echo Systems (continued)

Part A

		General Journal			Page 2
Date	Account Titles and Explanations	PR	Debit	Credit	
2014					
Oct. 28	Accounts Receivable.....	106	6,450		
	Computer Services Revenue.....	403		6,450	
	<i>Billed customer for services.</i>				
31	Wages Expense.....	623	1,400		
	Cash	101		1,400	
	<i>Paid employee for part-time work.</i>				
31	Mary Graham, Withdrawals	302	7,200		
	Cash	101		7,200	
	<i>Owner withdrew cash.</i>				

1 and 3.

		Cash			Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Oct. 1		G1	90,000		90,000	
2		G1		9,000	81,000	
5		G1		4,320	76,680	
8		G1		2,640	74,040	
15		G1	6,600		80,640	
17		G1		1,410	79,230	
20		G1		3,720	75,510	
22		G1	2,400		77,910	
31		G2		1,400	76,510	
31		G2		7,200	69,310	

		Accounts Receivable			Acct. No. 106	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Oct. 6		G1	6,600		6,600	
12		G1	2,400		9,000	
15		G1		6,600	2,400	
22		G1		2,400	0	
28		G2	6,450		6,450	

Serial Problem, Echo Systems (continued)

Part A

Computer Supplies				Acct. No. 126	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 3		G1	2,640		2,640

Prepaid Insurance				Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 5		G1	4,320		4,320

Prepaid Rent				Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 2		G1	9,000		9,000

Office Equipment				Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 1		G1	18,000		18,000

Computer Equipment				Acct. No. 167	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 1		G1	36,000		36,000

Accounts Payable				Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 3		G1		2,640	2,640
8		G1	2,640		0

Mary Graham, Capital				Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 1		G1		144,000	144,000

Mary Graham, Withdrawals				Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 31		G2	7,200		7,200

Serial Problem, Echo Systems (continued)

Part A

Computer Services Revenue				Acct. No. 403	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 6		G1		6,600	6,600
12		G1		2,400	9,000
28		G2		6,450	15,450

Wages Expense				Acct. No. 623	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 31		G2	1,400		1,400

Advertising Expense				Acct. No. 655	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 20		G1	3,720		3,720

Mileage Expense				Acct. No. 676	
Date	Explanation	PR	Debit	Credit	Balance
2014					

Repairs Expense, Computer				Acct. No. 684	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 17		G1	1,410		1,410

Charitable Donations Expense				Acct. No. 699	
Date	Explanation	PR	Debit	Credit	Balance
2014					

Serial Problem, Echo Systems (continued)

Part A

4.

**ECHO SYSTEMS
Trial Balance
October 31, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 69,310	
106	Accounts receivable	6,450	
126	Computer supplies	2,640	
128	Prepaid insurance.....	4,320	
131	Prepaid rent.....	9,000	
163	Office equipment	18,000	
167	Computer equipment.....	36,000	
201	Accounts payable		\$ -0-
301	Mary Graham, capital.....		144,000
302	Mary Graham, withdrawals.....	7,200	
403	Computer services revenue		15,450
623	Wages expense.....	1,400	
655	Advertising expense.....	3,720	
676	Mileage expense	-0-	
684	Repairs expense, computer	1,410	
699	Charitable donations expense	-0-	
	Totals	<u>\$159,450</u>	<u>\$159,450</u>

NOTE: Accounts with zero balance may be omitted.

Serial Problem, Echo Systems (continued)

Part A

5.

**ECHO SYSTEMS
Income Statement
For Month Ended October 31, 2014**

Revenues:	
Computer services revenue	\$15,450
Operating expenses:	
Advertising expense	\$3,720
Repairs expense, computer.....	1,410
Wages expense	<u>1,400</u>
Total operating expenses	<u>6,530</u>
Net income.....	<u>\$ 8,920</u>

**ECHO SYSTEMS
Statement of Changes in Equity
For Month Ended October 31, 2014**

Mary Graham, capital, October 1.....	\$	0
Add: Investments by owner	\$144,000	
Net income.....	<u>8,920</u>	<u>152,920</u>
Total		\$152,920
Less: Withdrawals by owner		<u>7,200</u>
Mary Graham, capital, October 31.....		<u>\$145,720</u>

The arrows are
imaginary but
emphasize the link
between
statements.

**ECHO SYSTEMS
Balance Sheet
October 31, 2014**

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 69,310	Accounts payable	\$ -0-
Accounts receivable	6,450		
Computer supplies.....	2,640		
Prepaid insurance.....	4,320		
Prepaid rent.....	9,000		
Office equipment.....	18,000		
Computer equipment.....	<u>36,000</u>		
Total assets	<u>\$ 145,720</u>		
		<i>Equity</i>	
		Mary Graham, capital.....	<u>145,720</u>
		Total liabilities and equity	<u>\$145,720</u>

Serial Problem, Echo Systems (continued)

Part B

6.

2014

Nov.	1	Mileage Expense.....	676	1,000	
		Cash.....	101		1,000
		<i>Reimbursed Mary Graham for business usage.</i>			
	2	Cash.....	101	9,300	
		Computer Services Revenue.....	403		9,300
		<i>Collected cash revenue from customer.</i>			
	5	Computer Supplies.....	126	1,920	
		Cash.....	101		1,920
		<i>Purchased computer supplies for cash.</i>			
	8	Accounts Receivable.....	106	8,700	
		Computer Services Revenue.....	403		8,700
		<i>Billed customer for services.</i>			
	13	No entry recorded in the journal.			
	18	Cash.....	101	3,750	
		Accounts Receivable.....	106		3,750
		<i>Collected accounts receivable.</i>			
	22	Charitable Donations Expense.....	699	1,500	
		Cash.....	101		1,500
		<i>Made a donation.</i>			
	24	Accounts Receivable.....	106	7,500	
		Computer Services Revenue.....	403		7,500
		<i>Billed customer for services.</i>			
	25	No entry recorded in the journal.			
	28	Mileage Expense.....	676	1,200	
		Cash.....	101		1,200
		<i>Reimbursed Mary Graham for business usage.</i>			
	30	Wages Expense.....	623	2,800	
		Cash.....	101		2,800
		<i>Paid employee for part-time work.</i>			
	30	Mary Graham, Withdrawals.....	302	3,600	
		Cash.....	101		3,600
		<i>Owner withdrew cash.</i>			

Serial Problem, Echo Systems (continued)

Part B

7.

General Ledger accounts:

			Cash		Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Oct. 1		G1	90,000		90,000	
2		G1		9,000	81,000	
5		G1		4,320	76,680	
8		G1		2,640	74,040	
15		G1	6,600		80,640	
17		G1		1,410	79,230	
20		G1		3,720	75,510	
22		G1	2,400		77,910	
31		G2		1,400	76,510	
31		G2		7,200	69,310	
Nov. 1		G2		1,000	68,310	
2		G2	9,300		77,610	
5		G2		1,920	75,690	
18		G2	3,750		79,440	
22		G2		1,500	77,940	
28		G2		1,200	76,740	
30		G2		2,800	73,940	
30		G2		3,600	70,340	

			Accounts Receivable		Acct. No. 106	
Date	Explanation	PR	Debit	Credit	Balance	
2014						
Oct. 6		G1	6,600		6,600	
12		G1	2,400		9,000	
15		G1		6,600	2,400	
22		G1		2,400	0	
28		G2	6,450		6,450	
Nov. 8		G2	8,700		15,150	
18		G2		3,750	11,400	
24		G2	7,500		18,900	

Serial Problem, Echo Systems (continued) Part B

Computer Supplies				Acct. No. 126	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 3		G1	2,640		2,640
Nov. 5		G2	1,920		4,560

Prepaid Insurance				Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 5		G1	4,320		4,320

Prepaid Rent				Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 2		G1	9,000		9,000

Office Equipment				Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 1		G1	18,000		18,000

Computer Equipment				Acct. No. 167	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 1		G1	36,000		36,000

Accounts Payable				Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 3		G1		2,640	2,640
8		G1	2,640		0

Mary Graham, Capital				Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 1		G1		144,000	144,000

Mary Graham, Withdrawals				Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 31		G2	7,200		7,200
Nov. 30		G3	3,600		10,800

Serial Problem, Echo Systems (continued)

Part B

Computer Services Revenue				Acct. No. 403	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 6		G1		6,600	6,600
12		G1		2,400	9,000
28		G2		6,450	15,450
Nov. 2		G2		9,300	24,750
8		G2		8,700	33,450
24		G2		7,500	40,950

Wages Expense				Acct. No. 623	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 31		G2	1,400		1,400
Nov. 30		G2	2,800		4,200

Advertising Expense				Acct. No. 655	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 20		G1	3,720		3,720

Mileage Expense				Acct. No. 676	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Nov. 1		G2	1,000		1,000
28		G2	1,200		2,200

Repairs Expense, Computer				Acct. No. 684	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Oct. 17		G1	1,410		1,410

Charitable Donations Expense				Acct. No. 699	
Date	Explanation	PR	Debit	Credit	Balance
2014					
Nov. 22		G2	1,500		1,500

Serial Problem, Echo Systems (continued)

Part B

8.

**ECHO SYSTEMS
Trial Balance
November 30, 2014**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 70,340	
106	Accounts receivable	18,900	
126	Computer supplies	4,560	
128	Prepaid insurance.....	4,320	
131	Prepaid rent.....	9,000	
163	Office equipment	18,000	
167	Computer equipment.....	36,000	
201	Accounts payable		\$ -0-
301	Mary Graham, capital.....		144,000
302	Mary Graham, withdrawals.....	10,800	
403	Computer services revenue		40,950
623	Wages expense.....	4,200	
655	Advertising expense.....	3,720	
676	Mileage expense	2,200	
684	Repairs expense, computer	1,410	
699	Charitable donations expense	1,500	
	Totals.....	<u>\$184,950</u>	<u>\$184,950</u>

Last revised: October 26, 2012

Serial Problem, Echo Systems (concluded)**Part B**

9.

ECHO SYSTEMS
Income Statement
For Two Months Ended November 30, 2014

Computer services revenue		\$40,950
Operating expenses:		
Wages expense	\$4,200	
Advertising expense	3,720	
Mileage expense.....	2,200	
Charitable donations expense.....	1,500	
Repairs expense, computer.....	<u>1,410</u>	
Total operating expenses		<u>13,030</u>
Net income.....		<u>\$27,920</u>

ECHO SYSTEMS
Statement of Changes in Equity
For Two Months Ended November 30, 2014

Mary Graham, capital, October 1.....		\$ -0-
Add: Investments by owner	\$144,000	
Net income.....	<u>27,920</u>	<u>171,920</u>
Total		\$171,920
Less: Withdrawals by owner		<u>10,800</u>
Mary Graham, capital, November 30		<u>\$161,120</u>

ECHO SYSTEMS
Balance Sheet
November 30, 2014

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 70,340	Accounts payable	\$ -0-
Accounts receivable	18,900		
Computer supplies.....	4,560		
Prepaid insurance.....	4,320		
Prepaid rent.....	9,000		
Office equipment.....	18,000		
Computer equipment.....	<u>36,000</u>		
Total assets.....	<u>\$161,120</u>		
		<i>Equity</i>	
		Mary Graham, capital	<u>161,120</u>
		Total liabilities and	
		equity.....	<u>\$161,120</u>