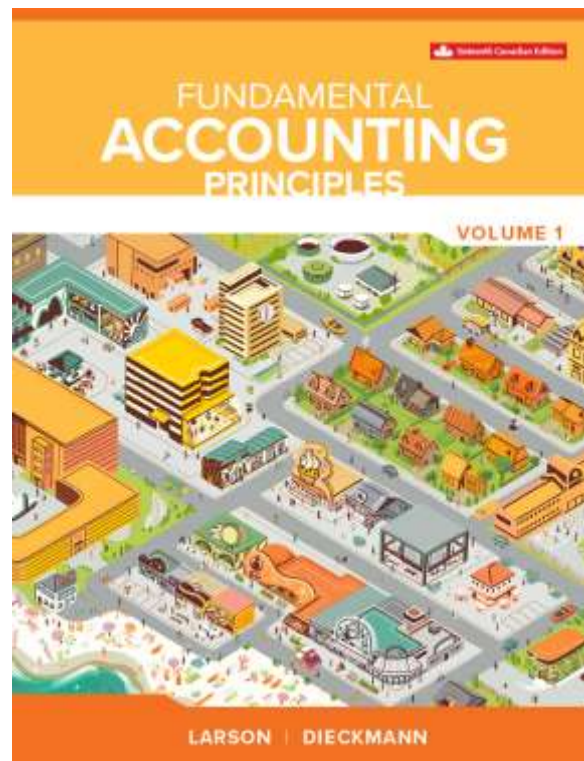


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SOLUTIONS MANUAL
to accompany
Fundamental Accounting Principles
16th Canadian Edition
by Larson/Dieckmann



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Chapter 2 Analyzing and Recording Transactions

Chapter Opening Critical Thinking Challenge Questions*

Alexandre Bilodeau experienced a huge setback in achieving his goal of winning gold in the 2006 Olympics. In the face of this challenge, he reflected on the experience, set his personal goal and had a daily action plan to achieve it. These same steps can be applied to your life. For instance, you may experience a setback in this accounting course. For instance, you may not perform as well on a homework assignment or exam as you would have liked. Like Alexandre Bilodeau, take a moment to understand why you may have experience this setback, commit to a personal goal and have a detailed action plan to achieve it. This may include reading the chapters before class, setting aside a few hours each day to work on the homework, meeting up with a friend once a week to discuss challenging topics and going to office hours. You can also learn from Alexandre Bilodeau's determination in pursuing your career and in facing challenges in the workplace.

Knowledge Check-Up Questions

- | | | | | |
|-------|-------|-------|-------|--------|
| 1. a) | 2. c) | 3. a) | 4. c) | 5. d) |
| 6. b) | 7. c) | 8. b) | 9. a) | 10. d) |

Concept Review Questions

1. Welcome to Lululemon! We are happy to have you as a co-op student. 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.

The accounting cycle helps Lululemon keep track of its business activities. These business transactions include buying fabric, selling yoga clothing and paying employees. The accounting cycle helps produce financial statements which provide Lululemon the information to make good business decisions.
2. An account receivable is an amount due to a company, but the amount can be increased by the customer (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. A note receivable is a formal document that specifies the fixed amount due to a company on a fixed date or on demand.
3. Four different asset accounts would include any of the following from Spin Master's December 31, 2107 balance sheet: Cash, Trade and other receivables, Inventories, Prepaid expenses, Advances on Royalties, Property, plant and equipment, Intangible Assets, Goodwill or Deferred Tax Assets. Three different liability accounts would include any of the following: Trade Payables and other liabilities, (same as Accounts payable and accrued liabilities), Loans and Borrowings, Deferred Revenue, Provisions, Income Tax Payable and Interest Payable.
4. A debit will decrease and a credit will increase the following accounts: Accounts Payable, Owner's capital and Revenue. Answers will vary, but can include liability (accounts payable, notes payable, unearned revenue and bank loan), owner's capital and revenue accounts.
5. Three debit balance accounts from WestJet's December 31, 2017 balance sheet might include any of the following: Cash and cash equivalents; Marketable securities; 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; Deferred rewards program; Non-refundable guest credits; Current portion of maintenance provisions; Current portion of long-term debt; Maintenance provisions; Long-term debt; Other liabilities; Deferred income tax; Share capital; Equity reserves; Hedge reserves; or Retained earnings.

6. When a company sells services or goods, they will exchange their service or good for cash. When the company sells services or goods, they earn revenue. In the account equation, Cash (Asset) increases and Revenue (Equity) increases. If the customer does not pay today, the company records accounts receivable instead of cash. Accounts receivable holds value for the company because it is a promise from the customer to pay in the future. When the customer pays cash, the company no longer has accounts receivable. With the accounting equation, Accounts receivable (Asset) increases and Revenue (Equity) increases.

Account	(1) Type of account	(2) Normal Balance	(3) Financial statement	(4) Time period
Accounts receivable	Asset	Debit	Balance Sheet	A specific point in time
Revenue	Equity	Credit	Income Statement	Period of time

7. Owner's withdrawals are when a business owner takes out money that was earned in the business for personal use. An example is when an owner needs to take out money for a personal vacation. An expense occurs when a cost is needed to run the normal operations of the business. An example is that a business needs to pay its employees for selling clothes at a retail store.

Account	(5) Type of account	(6) Normal Balance	(7) Financial statement
Owner's withdrawals	Equity	Debit	Statement of Changes in Equity
Expense	Equity	Debit	Income Statement

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. Accounting software is a tool that makes recording accounting transactions easier. You are still the "brain" behind the accounting. You will need to decide when to record a transaction, how to record the transaction, how to interpret the financial statements and what business decisions to make. Knowing how to record accounting manually will help you understand the entire accounting process and what happens behind the software. There are errors in software programs. Over relying on a software program can result in large errors. When you are writing a report using the computer, you still need to know how to write paragraphs and how to explain your content. Just like accounting software, the computer is only a tool.
11. Not preparing a trial balance can cause errors in the financial statements. The trial balance helps to identify and correct errors. If the debits do not equal the credits in the trial balance, this is a clue that errors need to be corrected.

12. The title of the financial statements must have the 1) company name, 2) the name of the financial statement and 3) the date. Dollar signs are used beside the first number in each column and on the total. Some numbers are indented to show a list of similar numbers in a category. For instance, all expenses are indented. This formatting makes the financial statements easier to read. Indentations do not represent debits and credits. The financial statements do not have debits and credits like the trial balance.

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 Revenue
R	Revenues (Equity)	12. Interest Income
E	Expenses (Equity)	13. Interest Expense
L	Liability	14. Interest Payable
R	Revenues (Equity)	15. Subscription Revenue
L	Liability	16. Unearned Subscription Revenue
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 Revenue
W	Owner's Withdrawals (Equity)	25. Jessica Vuong, Withdrawals
OE	Owner's Capital (Equity)	26. Jessica Vuong, Capital
E	Expenses (Equity)	27. Salaries Expense
L	Liability	28. Salaries Payable
A	Asset	29. Furniture
A	Asset	30. Equipment

Quick Study 2-2

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

Quick Study 2-3

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

Quick Study 2-4

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

Quick Study 2-5

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

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

Quick Study 2-6

a.	Analysis	Assets increase. Assets decrease.
	Journal entry analysis	Debit the Furniture account for \$400. Credit the Cash account for \$400.
b.	Analysis	No transaction required.
	Journal entry analysis	
c.	Analysis	Assets increase. Equity increases.
	Journal entry analysis	Debit the Accounts Receivable account for \$600. Credit the Revenue account for \$600.
d.	Analysis	Liabilities increase. Equity decreases.
	Journal entry analysis	Debit the Cleaning Expense account for \$300. Credit the Accounts Payable account for \$300.
e.	Analysis	Assets increase. Equity increases.
	Journal entry analysis	Debit the Cash account for \$25,000. Credit the Douglas Malone, Capital account for \$25,000.

Quick Study 2-7

	Date	Account Titles and Explanation	Debit	Credit
a.	Aug. 1	Furniture	400	
		Cash		400
		<i>Purchase of furniture for cash.....</i>		
b.	Aug. 7	No transaction required.		
c.	Aug. 13	Accounts Receivable	600	
		Revenue		600
		<i>Provided services on credit.</i>		
d.	Aug. 14	Cleaning Expense	300	
		Accounts Payable		300
		<i>Purchased cleaning services on credit.</i>		
e.	Aug. 31	Cash	25,000	
		Douglas Malone, Capital		25,000
		<i>Investment by owner.....</i>		

Quick Study 2-8

1 & 2.

Cash		Accounts Receivable		Furniture		Accounts Payable	
Jul 31	25,000	400	Aug 1	Jul 31	1,500		
Aug 31	25,000			Aug 13	600		
				Bal.	2,100		
Bal.	49,600						

Douglas Malone, Capital		Revenue		Cleaning Expense	
	28,000	Jul 31	4,500	Jul 31	1,500
	25,000	Aug 31	600	Aug 14	300
	53,000	Bal.		Bal.	1,800

3. The account balance for each T-account is shown above. The accounting equation (Assets = Liabilities + Equity) is proved as follows: $\$57,100 = \$800 + \$56,300$

Quick Study 2-9

May 2	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Car account for \$8,000. Credit the Dee Bell, Capital account for \$8,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	May 2	Car	8,000	
		Dee Bell, Capital		8,000
		<i>Investment by owner.</i>		
May 10	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Accounts Receivable account for \$4,000. Credit the Revenue account for \$4,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	May 10	Accounts Receivable	4,000	
		Revenue		4,000
		<i>Billed customer for work performed.</i>		
May 12	Analysis	Assets increase. Liabilities increase.		
	Journal entry analysis	Debit the Cash account by \$10,000. Credit the Unearned Revenue account by \$10,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	May 12	Cash	10,000	
		Unearned Revenue		10,000
		<i>Collected cash for future services.</i>		

Quick Study 2-9 (Continued)				
May 15	Analysis	Assets decrease. Equity decreases.		
	Journal entry analysis	Debit the Wages Expense account for \$6,000. Credit the Cash account for \$6,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	May 15	Wages Expense	6,000	
		Cash		6,000
		<i>Paid for wages.</i>		
May 16	Analysis	Assets increase. Assets decrease.		
	Journal entry analysis	Debit the Cash account for \$4,000. Credit the Accounts Receivable account for \$4,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	May 16	Cash	4,000	
		Accounts Receivable		4,000
		<i>Collection of cash from customer.</i>		
May 22	Analysis	Assets decrease. Liabilities decrease.		
	Journal entry analysis	Debit the Accounts Payable account by \$3,000. Credit the Cash account by \$3,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	May 22	Accounts Payable	3,000	
		Cash		3,000
		<i>Paid for outstanding accounts payable.</i>		

Quick Study 2-10

1 & 2.

Cash 101				Accounts Receivable 106				Car 150		Accounts Payable 202				
Apr 30	15,000	6,000	May 15	Apr 30	3,200	4,000	May 16	May 2	8,000		May 22	3,000	6,000	Apr 30
May 12	10,000	3,000	May 22	May 10	4,000			Bal.	8,000				3,000	Bal.
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	Apr 30	1,500	
	10,000	May 12		8,000	May 2		4,000	May 10	May 15	6,000	
	11,800	Bal.		16,900	Bal.		7,000	Bal.	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 2-11

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. 2,250		2,300		Bal. 19,810	

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			
Bal. 1,795		Bal. 8,440			38,000
Bal. 1,795		Bal. 8,440			38,000

Quick Study 2-12

General Journal				Page 1	
Date		Account Titles and Explanation	Debit		Credit
2020					
May	1	Equipment	500		
		Accounts Payable			500
		<i>Purchased equipment on account.</i>			
	2	Accounts Payable	500		
		Cash			500
		<i>Paid for the equipment purchased May 1.</i>			
	3	Supplies	100		
		Cash			100
		<i>Purchased supplies for cash.</i>			
	4	Wages Expense	2,000		
		Cash			2,000
		<i>Paid wages to employees.</i>			
	5	Cash	750		
		Service Revenue			750
		<i>Performed services for a client for cash.</i>			
	6	Accounts Receivable	2,500		
		Service Revenue			2,500
		<i>Did work for a customer on credit.</i>			
	7	Cash	2,500		
		Accounts Receivable			2,500
		<i>Collected May 6 customer account.</i>			

Quick Study 2-13

		General Journal		Page 1
Date		Account Titles and Explanation	Debit	Credit
2020 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 2-14

Cash			Account No. 101		
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
Jan. 4			340		340
16			700		1,040

Equipment			Account No. 163		
Date	Explanation	PR	Debit	Credit	Balance
2020					
Jan. 3			40,000		40,000

Accounts Payable			Account No. 201		
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
Jan. 3				100,000	100,000

Landscaping Services Revenue			Account No. 403		
Date	Explanation	PR	Debit	Credit	Balance
2020					
Jan. 6				5,200	5,200

Quick Study 2-15

**Vahn Landscaping
Trial Balance
January 31, 2020**

Acct. No.	Account	Debit	Credit
101	Cash.....	\$ 7,000	
163	Equipment.....	9,000	
233	Unearned revenue.....		\$ 2,000
301	Brea Vahn, capital.....		14,000
302	Brea Vahn, withdrawals.....	1,000	
401	Revenue.....		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 2-16

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 2-17

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 2-18

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)**

		(a) Basic Account	(b) Financial Statement	(c) Normal Balance	(d) Effect of a Debit	(e) Effect of a Credit
a.	Cash	Asset	Balance Sheet	Debit	Increase	Decrease
b.	Supplies	Asset	Balance Sheet	Debit	Increase	Decrease
c.	Accounts Payable	Liability	Balance Sheet	Credit	Decrease	Increase
d.	Yoojin Chang, Capital Account	Owner's Capital	Balance Sheet and The Statement of Changes in Equity	Credit	Decrease	Increase
e.	Yoojin Chang, Withdrawals	Withdrawals	The Statement of Changes in Equity	Debit	Increase	Decrease
f.	Design Revenue	Revenue	Income Statement	Credit	Decrease	Increase
g.	Salaries Expense	Expense	Income Statement	Debit	Increase	Decrease
h.	Accounts Receivable	Asset	Balance Sheet	Debit	Increase	Decrease
i.	Notes Payable	Liability	Balance Sheet	Credit	Decrease	Increase
j.	Prepaid Insurance	Asset	Balance Sheet	Debit	Increase	Decrease

Exercise 2-2

a.	Analysis	Assets increase. Equity increases.
	Journal entry analysis	Debit the Cash account for \$15,000. Credit the Christina Reis, Capital account in equity for \$15,000
b.	Analysis	Assets increase. Liabilities increase.
	Journal entry analysis	Debit the Equipment account for \$2,000. Credit the Accounts Payable account for \$2,000.
c.	Analysis	Assets increase. Assets decrease.
	Journal entry analysis	Debit the Equipment account for \$500. Credit the Cash account for \$500.
d.	Analysis	Assets increase. Equity increases from Revenue.
	Journal entry analysis	Debit the Cash account for \$1,000. Credit the Revenue account for \$1,000.
e.	Analysis	Assets increase. Equity increases from Revenue.
	Journal entry analysis	Debit the Accounts Receivable account for \$700. Credit the Revenue account for \$700.
f.	Analysis	Assets decrease. Liabilities decrease.
	Journal entry analysis	Debit the Accounts Payable account for \$1,000. Credit the Cash account for \$1,000.
g.	Analysis	Assets increase. Assets decrease.
	Journal entry analysis	Debit the Cash account for \$300. Credit the Accounts Receivable account for \$300.

Exercise 2-3

	Date		Account Titles and Explanation	Debit	Credit
a.	Sept.	1	Cash.....	15,000	
			Christina Reis, Capital		15,000
			<i>Investment by owner.....</i>		
b.	Sept.	12	Equipment	2,000	
			Accounts Payable		2,000
			<i>Purchased equipment on credit.</i>		
c.	Sept.	13	Equipment	500	
			Cash		500
			<i>Purchased equipment with cash.</i>		
d.	Sept.	18	Cash.....	1,000	
			Revenue		1,000
			<i>Provided service for cash.</i>		
e.	Sept.	21	Accounts Receivable	700	
			Revenue		700
			<i>Provided service on account.....</i>		
f.	Sept.	26	Accounts Payable	1,000	
			Cash		1,000
			<i>Payment for Equipment.</i>		
g.	Sept.	29	Cash.....	300	
			Accounts Receivable		300
			<i>Collection of cash from customer</i>		

Exercise 2-4

1 and 2.

Cash 101		Accounts Receivable 106		Equipment 161	
(a) 15,000	500 (c)	(e) 700	300 (g)	(b) 2,000	
(d) 1,000	1,000 (f)			(c) 500	
(g) 300					
Bal. 14,800		Bal. 400		Bal. 2,500	

Accounts Payable 201		Christina Reis, Capital 301		Revenue 403	
(f) 1,000	2,000 (b)		15,000 (a)	1,000 (d)	
				700 (e)	
	1,000 Bal.		15,000 Bal.	1,700 Bal.	

3. The account balance for each T-account is shown above. The accounting equation (Assets = Liabilities + Equity) is proved as follows: \$17,700 = \$1,000 + \$16,700

Exercise 2-5 (30 minutes)

a.	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Cash account for \$32,600. Credit the William Curtis, Capital account for \$32,600.		
	Journal Entry			
	Date	Account Description	Debit	Credit
	Oct. 2	Cash	32,600	
		William Curtis, Capital		32,600
		<i>Investment by owner.</i>		
b.	Analysis	Assets increase. Assets decrease.		
	Journal entry analysis	Debit the Office Supplies account for \$925. Credit the Cash account for \$925.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 4	Office Supplies	925	
		Cash		925
		<i>Purchased supplies for cash.</i>		

Exercise 2-5 (Continued)				
c.	Analysis	Assets increase. Liabilities increase.		
	Journal entry analysis	Debit the Office Equipment account by \$13,600. Credit the Accounts Payable account by \$13,600.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 6	Office Equipment	13,600	
		Accounts Payable		13,600
		<i>Purchased office equipment on credit.</i>		
d.	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Cash account for \$3,000. Credit the Revenue account for \$3,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 10	Cash	3,000	
		Revenue		3,000
		<i>Cash collected for services provided.</i>		
e.	Analysis	Assets decrease. Liabilities decrease.		
	Journal entry analysis	Debit the Accounts Payable account for \$13,600. Credit the Cash account for \$13,600.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 12	Accounts Payable	13,600	
		Cash		13,600
		<i>Made payment on outstanding payable.</i>		

Exercise 2-5 (Continued)				
f.	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Accounts Receivable account by \$5,400. Credit the Revenue account by \$5,400.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 16	Accounts Receivable	5,400	
		Revenue		5,400
		<i>Customer billed for services provided.</i>		
g.	Analysis	Assets decrease. Equity decreases.		
	Journal entry analysis	Debit the Rent Expense account for \$3,500. Credit the Cash account for \$3,500.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 18	Rent Expense	3,500	
		Cash		3,500
		<i>Paid October rent with cash.</i>		
h.	Analysis	Assets increase. Assets decrease.		
	Journal entry analysis	Debit the Cash account for \$5,400. Credit the Accounts Receivable account for \$5,400.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 26	Cash	5,400	
		Accounts Receivable		5,400
		<i>Collected amounts owing on account.</i>		

Exercise 2-5 (Concluded)				
i.	Analysis	Assets decrease. Equity decreases.		
	Journal entry analysis	Debit the William Curtis, Withdrawal account for \$5,000. Credit the Cash account for \$5,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Oct. 31	William Curtis, Withdrawals	5,000	
		Cash		5,000
		Withdrawal of cash by owner.		

Exercise 2-6 (20 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

William Curtis, Capital			
		32,600	(a)
		32,600	Balance

William Curtis, Withdrawals			
(i)	5,000		
Balance	5,000		

Revenue			
		3,000	(d)
		5,400	(f)
		8,400	Balance

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

Exercise 2-7 (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 2-8 (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 2-9 (45 minutes)

Part 2

GENERAL JOURNAL					Page 1
Date	Account Titles and Explanation		PR	Debit	Credit
2020 July	1	Cash.....	101	5,200	
		Manny Gill, Capital.....	301		5,200
		<i>To record investment by owner.</i>			
	10	Equipment	150	2,700	
		Accounts Payable.....	201		2,700
		<i>Purchased equipment on credit.</i>			
	12	Cash.....	101	12,000	
		Revenue.....	401		12,000
		<i>Performed services for cash.</i>			
	14	Expenses.....	501	3,700	
		Cash.....	101		3,700
		<i>Paid expenses.</i>			
	15	Accounts Receivable	106	1,600	
		Revenue.....	401		1,600
		<i>Completed services on account.</i>			
	31	Manny Gill, Withdrawals.....	302	270	
		Cash.....	101		270
		<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 2-9 (continued)

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

Part 1 and 3

Cash		101
July 1	5,200	3,700
	12,000	July 14
	13,230	270
		July 31

Accts. Receivable		106
July 15	1,600	

Equipment		150
July 10	2,700	

Accounts Payable		201
	2,700	July 10

Manny Gill, Capital		301
	5,200	July 1

Manny Gill, Withdrawals		302
July 31	270	

Revenue		401
	12,000	July 12
	1,600	15
	13,600	Balance

Expenses		501
July 14	3,700	

Exercise 2-9 (continued)

Part 1 and 3

Cash				Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2020					
July 1		G1	5,200		5,200
12		G1	12,000		17,200
14		G1		3,700	13,500
31		G1		270	13,230

Accounts Receivable				Account No. 106	
Date	Explanation	PR	Debit	Credit	Balance
2020					
July 15		G1	1,600		1,600

Equipment				Account No. 150	
Date	Explanation	PR	Debit	Credit	Balance
2020					
July 10		G1	2,700		2,700

Accounts Payable				Account No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2020					
July 10		G1		2,700	2,700

Manny Gill, Capital				Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2020					
July 1		G1		5,200	5,200

Manny Gill, Withdrawals				Account No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2020					
July 31		G1	270		270

Revenue				Account No. 401	
Date	Explanation	PR	Debit	Credit	Balance
2020					
July 12		G1		12,000	12,000
15		G1		1,600	13,600

Expenses				Account No. 501	
Date	Explanation	PR	Debit	Credit	Balance
2020					

July 14 | **G1** | **3,700** | **3,700**
Exercise 2-9 (continued)

Part 4

**West Secure
 Trial Balance
 July 31, 2020**

Acct. No.	Account Title	Debit	Credit
101	Cash	\$13,230	
106	Accounts receivable	1,600	
150	Equipment.....	2,700	
201	Accounts payable.....		\$ 2,700
301	Manny Gill, capital.....		5,200
302	Manny Gill, withdrawals.....	270	
401	Revenue		13,600
501	Expenses	<u>3,700</u>	
	Totals.....	<u>\$21,500</u>	<u>\$21,500</u>

Exercise 2-9 (concluded)

Part 5

**West Secure
Income Statement
For Month Ended July 31, 2020**

Revenue	\$13,600
Expenses	<u>3,700</u>
Profit.....	<u>\$ 9,900</u>

**West Secure
Statement of Changes in Equity
For Month Ended July 31, 2020**

Manny Gill, capital, July 1		\$	0
Investments by owner			5,200
Profit	<u>9,900</u>		<u>15,100</u>
Total			15,100
Less: Withdrawals by owner			<u>270</u>
Manny Gill, capital, July 31			<u>\$14,830</u>

The arrows are imaginary but emphasize the link between statements.

**West Secure
Balance Sheet
July 31, 2020**

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$13,230	Accounts payable	\$ 2,700
Accounts receivable	1,600		
Equipment	<u>2,700</u>		
		<i>Equity</i>	
		Manny Gill, capital.....	<u>14,830</u>
		Total liabilities and	
Total assets	<u>\$17,530</u>	equity	<u>\$17,530</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 2-10 (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 2-11 (30 minutes)

1.		General Journal			Page G1
Date		Account Titles and Explanation	PR	Debit	Credit
2020					
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	<i>No entry.</i>			
	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 2-11 (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				

Exercise 2-11 (Continued)

3.

**Paquette Advisors
Trial Balance
February 28, 2020**

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>

Exercise 2-11 (Concluded)

4.

**Paquette Advisors
Income Statement
For Two Months Ended February 28, 2020**

Revenues:		
Consulting revenues		\$50,200
Operating expenses:		
Salaries expense	\$20,000	
Rent expense	7,500	
Utilities expense	<u>1,000</u>	
Total operating expenses		28,500
Profit.....		<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, 2020**

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

6.

**Paquette Advisors
Balance Sheet
February 28, 2020**

Assets		Liabilities	
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
Total assets	<u>\$35,400</u>		
		Equity	
		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 2-12 (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 2-13 (20 minutes)

2020

April 5	Cash.....	5,200	
	 Surgical Revenues.....		5,200
	<i>Performed surgery and collected cash.</i>		
8	Supplies.....	19,600	
	 Accounts Payable.....		19,600
	<i>Purchased surgical supplies on credit.</i>		
10	No entry.		
18	Salaries Expense	47,000	
	 Cash		47,000
	<i>Paid salaries.</i>		
20	Accounts Receivable.....	26,400	
	 Surgical Revenues.....		26,400
	<i>Performed six surgeries on credit; \$4,400 x 6 = \$26,400</i>		
21	Accounts Payable.....	19,600	
	 Cash		19,600
	<i>Paid for the credit purchase of April 8.</i>		
22	Utilities Expense	2,100	
	 Cash		2,100
	<i>Paid the April utilities.</i>		
29	Cash.....	17,600	
	 Accounts Receivable.....		17,600
	<i>Collection from four credit customers of April 20; \$4,400 x 4 = \$17,600.</i>		

Exercise 2-14 (25 minutes)

Parts a and b:

Cash					Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2019						
Dec. 31	Beginning balance				850	
2020						
Jan. 1		G1	3,500		4,350	
		G1		2,000	2,350	
		G1	5,000		7,350	

Accounts Receivable					Account No. 106	
Date	Explanation	PR	Debit	Credit	Balance	
2019						
Dec. 31	Beginning balance				300	
2020						
Jan. 12		G1	9,000		9,300	
		G1		5,000	4,300	

Equipment					Account No. 167	
Date	Explanation	PR	Debit	Credit	Balance	
2019						
Dec. 31	Beginning balance				1,500	
2020						
Jan. 20		G1	12,000		13,500	

Accounts Payable					Account No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2019						
Dec. 31	Beginning balance				325	
2020						
Jan. 20		G1		10,000	10,325	

Toshi Sato, Capital					Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance	
2019						
Dec. 31	Beginning balance				2,325	
2020						
Jan. 1		G1		3,500	5,825	

Exercise 2-14 (Parts a and b continued)

Toshi Sato, Withdrawals					Account No. 302	
Date		Explanation	PR	Debit	Credit	Balance
2019						
Dec.	31	Beginning balance				300

Revenue					Account No. 401	
Date		Explanation	PR	Debit	Credit	Balance
2019						
Dec.	31	Beginning balance				1,800
2020						
Jan.	12		G1		9,000	10,800

Salaries Expense					Account No. 622	
Date		Explanation	PR	Debit	Credit	Balance
2019						
Dec.	31	Beginning balance				1,500

Exercise 2-14 (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 Explanation	PR	Debit	Page 1 Credit
2020				
Jan. 1	Cash.....	101	3,500	
	Toshi Sato, Capital	301		3,500
	<i>Additional owner investment.</i>			
12	Accounts Receivable.....	106	9,000	
	Revenue	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>			

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 2-15 (25 minutes)

General Journal					Page G1
Date	Account Titles and Explanation	PR	Debit	Credit	
2020					
Aug. 1	Cash	101	20,000		
	Photography Equipment.....	167	42,000		
	Joseph Eagle, Capital	301		62,000	
	<i>Investment by owner.</i>				
1	Prepaid Rent	131	12,000		
	Cash	101		12,000	
	<i>Rented studio space for 3 months in advance.</i>				
5	Office Supplies	124	1,800		
	Cash	101		1,800	
	<i>Purchased office supplies.</i>				
20	Cash	101	9,200		
	Photography Revenue	401		9,200	
	<i>Collected cash for photography services.</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 2-16.

Exercise 2-16 (30 minutes)

Cash				Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
Aug. 5		G1	1,800		1,800

Prepaid Rent				Account No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Aug. 1		G1	12,000		12,000

Photography Equipment				Account No. 167	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Aug. 1		G1	42,000		42,000

Joseph Eagle, Capital				Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Aug. 1		G1		62,000	62,000

Photography Revenue				Account No. 401	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Aug. 20		G1		9,200	9,200

Utilities Expense				Account No. 690	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Aug. 31		G1	1,400		1,400

Exercise 2-16 (concluded)

**FOR THE LOVE OF PIXELS
Trial Balance
August 31, 2020**

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 Eagle, capital		\$62,000
401	Photography revenue.....		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 2-17 (20 minutes)

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

FOR THE LOVE OF PIXELS
Trial Balance
August 31, 2020

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 Eagle, capital		\$62,000
401	Photography revenue.....		9,200
690	Utilities expense	1,400	
	Totals	<u>\$71,200</u>	<u>\$71,200</u>

Exercise 2-17 (Concluded)

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 2-18 (20 minutes)

**Extreme Hockey
Income Statement
For Year Ended December 31, 2020**

Revenues:		
Training revenue		\$18,000
Operating expenses:		
Wages expense	\$29,000	
Rent expense	<u>8,000</u>	
Total operating expenses		<u>37,000</u>
Loss		<u>\$19,000</u>

**Extreme Hockey
Statement of Changes in Equity
For Year Ended December 31, 2020**

Ryan Roy, capital, January 1		\$ 0
Investments by owner		<u>50,000</u>
Total		<u>\$50,000</u>
Less: Withdrawals by owner	\$2,000	
Loss	<u>19,000</u>	<u>21,000</u>
Ryan Roy, capital, December 31		<u>\$29,000</u>

The arrows are imaginary
but emphasize the link
between statements.

**Extreme Hockey
Balance Sheet
December 31, 2020**

<i>Assets</i>		<i>Liabilities</i>	
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>	<i>Equity</i>	
Total assets	<u>\$93,300</u>	Ryan Roy, capital	<u>29,000</u>
		Total liabilities and 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 Extreme Hockey's 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, Ryan Roy, 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 (profit).

Exercise 2-19 (20 minutes)

CYCLE TRAVEL TOURS
Income Statement
For Month Ended March 31, 2020

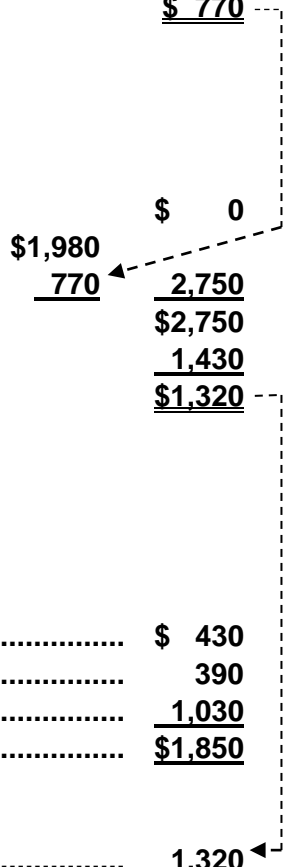
Revenues:		
Service revenue.....		\$1,510
Operating expenses:		
Salaries expense	\$ 730	
Interest expense	<u>10</u>	
Total operating expenses		<u>740</u>
Profit.....		<u>\$ 770</u>

CYCLE TRAVEL TOURS
Statement of Changes in Equity
For Month Ended March 31, 2020

Francois Laneuv, capital, March 1	\$ 0
Investment by owner.....	\$1,980
Profit.....	<u>770</u>
Total	<u>2,750</u>
Less: Withdrawal by owner	<u>1,430</u>
Francois Laneuv, capital, March 31	<u>\$1,320</u>

CYCLE TRAVEL TOURS
Balance Sheet
March 31, 2020

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 430	Accounts payable	\$ 430
Accounts receivable	1,880	Unearned service revenue.....	390
Prepaid insurance	230	Notes payable.....	<u>1,030</u>
Equipment	<u>630</u>	Total liabilities	<u>\$1,850</u>
		<i>Equity</i>	
Total assets	<u>\$3,170</u>	Francois Laneuv, capital	<u>1,320</u>
		Total liabilities and equity	<u>\$3,170</u>



The arrows are imaginary but emphasize the link between statements.

Exercise 2-20 (20 minutes)

**Media Marketing Services
Income Statement
For Month Ended March 31, 2020**

Revenues:	
Revenue	\$126,000
Operating expenses:	
Wages expense	\$146,000
Office supplies expense	<u>7,000</u>
Total operating expenses	<u>153,000</u>
Loss	<u>\$ 27,000</u>

**Media Marketing Services
Statement of Changes in Equity
For Month Ended March 31, 2020**

Sam Smith, capital, March 1		\$87,000*
Investment by owner		<u>35,000</u>
Total		<u>\$122,000</u>
Less: Withdrawal by owner	\$ 18,000	
Loss	<u>27,000</u>	<u>45,000</u>
Sam Smith, capital, March 31		<u>\$77,000</u>

**Media Marketing Services
Balance Sheet
March 31, 2020**

<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>	Sam Smith, 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 31/20 Balance - \$35,000 invested in March = \$87,000 March 1/20 Balance**

Exercise 2-21 (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 2-22 (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 2-23 (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 2-23 (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 (30 minutes)

Nov 1	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Cash account for \$200,000. Debit the Aircraft Equipment account for \$50,000. Credit the Tobias Eaden, Capital account for \$250,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 1	Cash	200,000	
		Aircraft Equipment	50,000	
		Tobias Eaden, Capital		250,000
		<i>Owner investment of cash and equipment.</i>		
Nov 3	Analysis	Assets increase and assets decrease. Liabilities increase.		
	Journal entry analysis	Debit the Land account for \$400,000. Debit the Building account for \$100,000. Credit the Cash account for \$125,000. Credit the Long-Term Notes Payable account for 375,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 3	Land	400,000	
		Building	100,000	
		Cash		125,000
		Long-Term Notes Payable		375,000
		<i>Purchased Land and Building with Cash and a long-term Notes Payable.</i>		

Problem 2-1A (Continued)				
Nov 7	Analysis	Assets increase. Equity increase.		
	Journal entry analysis	Debit the Airplane account for \$200,000. Credit the Tobias Eaden, Capital account for \$200,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 7	Airplane	200,000	
		Tobias Eaden, Capital		200,000
		<i>Owner investment of asset.</i>		
Nov 9	Analysis	Assets increase. Liabilities increase.		
	Journal entry analysis	Debit the Supplies account for \$5,000. Credit the Accounts Payable account for \$5,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 9	Supplies	5,000	
		Accounts Payable		5,000
		<i>Purchased supplies on credit.</i>		
Nov 13	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Accounts Receivable account for \$16,000. Credit the Revenue account for \$16,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 13	Accounts Receivable	16,000	
		Revenue		16,000
		<i>Billed customer for services provided.</i>		

Problem 2-1A (Continued)				
Nov 17	Analysis	Assets decrease. Equity decreases.		
	Journal entry analysis	Debit the Wages Expense account for \$3,000. Credit the Cash account for \$3,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 17	Wages Expense	3,000	
		Cash		3,000
		<i>Paid wages.</i>		
Nov 21	Analysis	No Transaction required.		
	Journal entry analysis			
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
		No Transaction required.		
Nov 23	Analysis	Assets decrease. Liabilities decrease.		
	Journal entry analysis	Debit the Accounts Payable account for \$2,500. Credit the Cash account for \$2,500.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 23	Accounts Payable	2,500	
		Cash		2,500
		<i>Paid accounts payable.</i>		

Problem 2-1A (Concluded)				
Nov 27	Analysis	Assets increase. Assets decrease.		
	Journal entry analysis	Debit the Aircraft Equipment (new) account for \$20,000. Credit the Cash account for \$15,000. Credit the Aircraft Equipment (old) account for \$5,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 27	Aircraft Equipment (new)	20,000	
		Cash		15,000
		Aircraft Equipment (old)		5,000
		Purchase of aircraft equipment.		
Nov 30	Analysis	Assets decrease. Equity decreases.		
	Journal entry analysis	Debit the Tobias Eaden, Withdrawal account for \$3,200. Credit the Cash account for \$3,200.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Nov 30	Tobias Eaden, Withdrawals	3,200	
		Cash		3,200
		Withdrawal of cash by owner.		

Problem 2-2A (30 minutes) Parts 1 and 2

Generally accounts with only 1 debit or 1 credit do not have a Balance row.

Cash			
Nov 1	200,000	125,000	Nov 3
		3,000	Nov 17
		2,500	Nov 23
		15,000	Nov 27
		3,200	Nov 30
Bal	51,300		

Accounts Receivable	
Bal	16,000

Supplies	
Nov 9	5,000

Airplane	
Nov 7	200,000

Aircraft Equipment			
Nov 1	50,000	5,000	Nov 27
Nov 27	20,000		
Bal.	65,000		

Building	
Nov 3	100,000

Land	
Nov 3	400,000

Accounts Payable			
Nov 23	2,500	5,000	Nov 9
		2,500	Bal

Long-Term Notes Payable	
	375,000
	Nov 3

Tobias Eaden, Capital		
	250,000	Nov 1
	200,000	Nov 7
	450,000	Bal.

Tobias Eaden, Withdrawals	
Nov 30	3,200

Revenue	
	16,000
	Nov 13

Wages Expense	
Nov 17	3,000

Note: There is no entry for November 27 since it is not a transaction.

Problem 2-2A Continued (5 minutes)

Part 3

Assets (\$837,300) = Liabilities (\$377,500) + Equity (\$459,800)

Problem 2-3A (30 minutes)

General Journal			
Date	Account Titles and Explanation	Debit	Page 1 Credit
2020			
May 1	Equipment	53,700	
	Cash		14,700
	Notes Payable		39,000
	<i>Purchased new equipment paying cash and signing a 90-day note payable.</i>		
2	Prepaid Insurance	28,200	
	Cash		28,200
	<i>Purchased 12 months of insurance to begin May 2.</i>		
3	Cash	6,700	
	Design Revenue		6,700
	<i>Completed a fitness contract for a group of customers and collected cash.</i>		
4	Office Supplies	4,100	
	Accounts Payable		4,100
	<i>Purchased office supplies on account.</i>		
6	Accounts Payable	820	
	Office Supplies		820
	<i>Returned defective supplies to supplier.</i>		
10	Accounts Receivable	12,200	
	Fitness Contract Revenue		12,200
	<i>Did work for a client today on account.</i>		
15	Accounts Payable	3,280	
	Cash		3,280
	<i>Paid for the May 4 purchase less the return on May 6; \$4,100 - \$820 return = \$3,280.</i>		
20	Cash	12,200	
	Accounts Receivable		12,200
	<i>Received payment from the client of May 10.</i>		

Problem 2-3A (concluded)

May 25	Cash.....	3,200	
	Unearned Revenue		3,200
	<i>Received cash for work to be done in June.</i>		
31	Salaries Expense	54,000	
	Cash		54,000
	<i>Paid month-end salaries.</i>		
31	Telephone Expense	2,600	
	Cash		2,600
	<i>Paid the May telephone bill.</i>		
31	Utilities Expense	3,800	
	Accounts Payable (or Utilities Payable).....		3,800
	<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 2-4A (90 minutes)

		General Journal			Page 1
Date		Account Titles and Explanation	PR	Debit	Credit
2020					
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 Revenue	401		6,200
		<i>Received cash from client for completed work.</i>			
	9	Accounts Receivable	106	4,000	
		Accounting Revenue	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 2-4A (concluded)

Mar.	22	No entry.			
	23	Accounts Receivable	106	2,850	
		 Accounting Revenue	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 2-5A (45 minutes)

Parts 1 and 2

Cash					Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
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	
2020						
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	
2020						
Mar. 3		G1	1,200		1,200	
30		G1	650		1,850	

Prepaid Insurance					Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Mar. 15		G1	3,000		3,000	

Prepaid Rent					Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Mar. 1		G1	9,000		9,000	

Office Equipment					Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Mar. 1		G1	12,000		12,000	
3		G1	6,000		18,000	

Problem 2-5A (continued)

Accounts Payable					Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
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	
2020						
Mar. 1		G1		62,000		62,000

Abe Factor, Withdrawals					Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Mar. 27		G1	3,600			3,600

Accounting Revenue					Acct. No. 401	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
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	
2020						
Mar. 31		G1	860			860

Problem 2-5A (concluded)

Part 3

**X-FACTOR ACCOUNTING
Trial Balance
March 31, 2020**

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 revenue		13,050
690	Utilities expense	860	
	Totals.....	<u>\$75,700</u>	<u>\$75,700</u>

Problem 2-6A (20 minutes)

X-FACTOR ACCOUNTING
Income Statement
For Month Ended March 31, 2020

Revenues:	
Accounting revenue.....	\$13,050
Operating expenses:	
Utilities expense.....	<u>860</u>
Profit.....	<u>\$12,190</u>

X-FACTOR ACCOUNTING
Statement of Changes in Equity
For Month Ended March 31, 2020

Abe Factor, capital, March 1	\$	0	
Investments by owner.....	\$62,000		
Profit	<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, 2020

<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 2-7A (90 minutes)

Part 1

General Journal					Page 1
Date	Account Titles and Explanation	PR	Debit	Credit	
2020					
May 1	Cash.....	101	78,000		
	Office Equipment	163	51,000		
	Elizabeth Wong, Capital.....	301		123,000	
	<i>Invested cash and equipment to start the business.</i>				
1	Prepaid Rent.....	131	15,300		
	Cash	101		15,300	
	<i>Prepaid three months' rent.</i>				
2	Office Equipment	163	25,500		
	Office Supplies.....	124	5,100		
	Accounts Payable	201		30,600	
	<i>Purchased equipment and supplies on credit.</i>				
6	Cash.....	101	8,300		
	Services Revenue	403		8,300	
	<i>Received cash from client for services performed.</i>				
9	Accounts Receivable.....	106	16,300		
	Services Revenue	403		16,300	
	<i>Billed client for completed work.</i>				
10	Accounts Payable.....	201	15,300		
	Cash	101		15,300	
	<i>Paid one-half of balance due on accounts payable.</i>				
19	Prepaid Insurance.....	128	7,800		
	Cash	101		7,800	
	<i>Paid annual premium for insurance.</i>				
22	Cash.....	101	13,100		
	Accounts Receivable	106		13,100	
	<i>Collected part of the amount owed by a client.</i>				
25	Accounts Receivable.....	106	5,580		
	Services Revenue	403		5,580	
	<i>Billed client for completed work.</i>				
25	Wages expense.....	623	35,500		
	Cash	101		35,500	
	<i>Paid wage expense.</i>				

Problem2-7A, Part 1 (continued)

May	31	Elizabeth Wong, Withdrawals	302	5,300	
		Cash	101		5,300
		<i>Owner withdrew cash.</i>			
	31	Office Supplies.....	124	1,750	
		Accounts Payable	201		1,750
		<i>Purchased supplies on credit.</i>			
	31	Utilities Expense	690	1,430	
		Cash	101		1,430
		<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
2020					
May	1	G1	78,000		78,000
	1	G1		15,300	62,700
	6	G1	8,300		71,000
	10	G1		15,300	55,700
	19	G1		7,800	47,900
	22	G1	13,100		61,000
	25	G1		35,500	25,500
	31	G1		5,300	20,200
	31	G1		1,430	18,770

Accounts Receivable				Acct. No. 106	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May	9	G1	16,300		16,300
	22	G1		13,100	3,200
	25	G1	5,580		8,780

Office Supplies				Acct. No. 124	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May	2	G1	5,100		5,100
	31	G1	1,750		6,850

Problem 2-7A (continued) Parts 2 and 3

Prepaid Insurance				Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 19		G1	7,800		7,800

Prepaid Rent				Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 1		G1	15,300		15,300

Office Equipment				Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 1		G1	51,000		51,000
2		G1	25,500		76,500

Accounts Payable				Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 2		G1		30,600	30,600
10		G1	15,300		15,300
31		G1		1,750	17,050

Elizabeth Wong, Capital				Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 1		G1		129,000	129,000

Elizabeth Wong, Withdrawals				Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 31		G1	5,300		5,300

Services Revenue				Acct. No. 403	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 6		G1		8,300	8,300
9		G1		16,300	24,600
25		G1		5,580	30,180

Wages Expense				Acct. No. 623	
Date	Explanation	PR	Debit	Credit	Balance
2020					
May 25		G1	35,500		35,500

Problem 2-7A (continued) Parts 2 and 3

		Utilities Expense		Acct. No. 690	
Date		PR	Debit	Credit	Balance
2020					
May	31	G1	1,430		1,430

Part 4

**HR Solutions
Trial Balance
May 31, 2020**

Acct. No.	Account Title	Debit	Credit
101	Cash	\$ 18,770	
106	Accounts receivable.....	8,780	
124	Office supplies.....	6,850	
128	Prepaid insurance	7,800	
131	Prepaid rent	15,300	
163	Office equipment	76,500	
201	Accounts payable.....		\$ 17,050
301	Elizabeth Wong, capital		129,000
302	Elizabeth Wong, withdrawals	5,300	
403	Services revenue.....		30,180
623	Wages expense.....	35,500	
690	Utilities expense	1,430	
	Totals	<u>\$176,230</u>	<u>\$176,230</u>

Analysis component:

Equity represents how much of HR Solutions' assets belong to the owner, Elizabeth Wong. 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). Elizabeth Wong, Withdrawals is an equity account because as the owner withdraws assets, Elizabeth Wong'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 2-8A

**HR Solutions
Income Statement
For Month Ended May 31, 2020**

Revenues:		
Service revenue.....		\$30,180
Operating expenses:		
Wages expense	\$35,500	
Utilities expense.....	<u>1,430</u>	
Total operating expenses		<u>36,930</u>
Loss		<u>\$ 6,750</u>

**HR Solutions
Statement of Changes in Equity
For Month Ended May 31, 2020**

Elizabeth Wong, capital, May 1.....		\$ 0
Investments by owner.....		129,000
Less: Withdrawals by owner.....	\$5,300	
Loss.....	<u>6,750</u>	
Elizabeth Wong, capital, May 31.....		<u>12,050</u> <u>\$116,950</u>

The arrows are imaginary
but emphasize the link
between statements.

**HR Solutions
Balance Sheet
May 31, 2020**

Assets		Liabilities	
Cash.....	\$ 18,770	Accounts payable	\$ 17,050
Accounts receivable	8,780		
Office supplies	6,850		
Prepaid insurance.....	7,800	Equity	
Prepaid rent.....	15,300	Elizabeth Wong, capital	<u>116,950</u>
Office equipment.....	<u>76,500</u>	Total liabilities and	
Total assets	<u>\$134,000</u>	equity	<u>\$134,000</u>

Problem 2-9A (25 minutes)

**Hipster Optical
Income Statement
For Month Ended May 31, 2020**

Revenues:		
Service revenue.....		\$30,380
Operating expenses:		
Wages expense	\$16,000	
Rent expense	5,300	
Utilities expense.....	<u>1,500</u>	
Total operating expenses		<u>22,800</u>
Profit.....		<u>\$ 7,580</u>

**Hipster Optical
Statement of Changes in Equity
For Month Ended May 31, 2020**

Peeta Black, capital, May 1		\$ -0-
Owner investment	\$ 57,300	
Profit	<u>7,580</u>	<u>64,880</u>
Total		<u>\$64,880</u>
Less: Withdrawals by owner		<u>1,580</u>
Peeta Black, capital, May 31		<u>\$63,300</u>

The arrows are imaginary but emphasize the link between statements.

**Hipster Optical
Balance Sheet
May 31, 2020**

Assets		Liabilities	
Cash.....	\$19,500	Accounts payable	\$ 1,700
Accounts receivable	9,480	Unearned service revenue.....	<u>8,800</u>
Office supplies	7,400	Total liabilities	\$ 10,500
Prepaid insurance.....	10,820		
Office equipment.....	<u>26,600</u>		
		Equity	
		Peeta Black, capital.....	<u>63,300</u>
		Total liabilities and equity	<u>\$73,800</u>
Total assets	<u>\$73,800</u>		

Problem 2-9A (Concluded)

Analysis component:

2020

May	31	Utilities Expense	1,500	
		Cash		1,500
		<i>Paid the May utilities.</i>		

OR

31	Utilities Expense	1,500	
	Accounts Payable		1,500
	<i>Received the May utility bill which will be paid next month.</i>		

Problem 2-10A (90 minutes)

Part 1

		General Journal			Page 1
Date		Account Titles and Explanation	PR	Debit	Credit
2020					
July	1	Cash	101	300,000	
		Office Equipment	163	12,000	
		Drafting Equipment	167	90,000	
		Bob 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 Revenue	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 Revenue	401		4,000
		<i>Completed services on credit.</i>			

Problem 2-10A (continued)

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

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

Problem 2-10A (continued)

Parts 2 and 3

Cash				Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
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
2020					
June 30	Beginning balance				500
July 5		G1	12,000		12,500

Office Equipment				Account No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				1,700
July 1		G1	12,000		13,700
12		G1	4,500		18,200

Problem 2-10A (continued)

Parts 2 and 3 (continued)

Drafting Equipment					Account No. 167
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
June 30	Beginning balance				42,000
July 3		G1	150,000		192,000

Land					Account No. 183
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				28,000
July 2		G1	108,000		136,000

Accounts Payable					Account No. 201
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
June 30	Beginning balance				24,000
July 2		G1		97,200	121,200
July 9		G1		24,000	145,200

Bob Binbutti, Capital					Account No. 301
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				54,000
July 1		G1		402,000	456,000

Problem 2-10A (continued)

Parts 2 and 3 (continued)

Bob Binbutti, Withdrawals					Account No. 302
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				1,000
July 26		G1	800		1,800

Engineering Revenue					Account No. 401
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
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
2020					
June 30	Beginning balance				1,000
July 16		G1	13,800		14,800

Advertising Expense					Account No. 655
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				640
July 31		G1	6,000		6,640

Repairs Expense					Account No. 684
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				300
July 25		G1	1,350		1,650

Problem 2-10A (concluded)

Part 4

**BINBUTTI ENGINEERING
Trial Balance
July 31, 2020**

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	Bob Binbutti, capital		456,000
302	Bob Binbutti, withdrawals	1,800	
401	Engineering revenue		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 2-11A (25 minutes)

BINBUTTI ENGINEERING
Income Statement
For Three Months Ended July 31, 2020

Revenues:		
Engineering revenue.....		\$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>
Loss		<u>\$ 9,090</u>

BINBUTTI ENGINEERING
Statement of Changes in Equity
For Three Months Ended July 31, 2020

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

The arrows are imaginary but emphasize the link between statements.

BINBUTTI ENGINEERING
Balance Sheet
July 31, 2020

<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	Bob 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 2-12A (45 minutes) Part 1

		General Journal			Page 1
Date		Account Titles and Explanation	PR	Debit	Credit
2020					
July	1	Supplies.....	126	100	
		Accounts Payable	201		100
		<i>Purchased supplies on credit.</i>			
	2	Cash.....	101	4,000	
		Unearned Teaching Revenue	233		4,000
		<i>Collected cash for teaching services in August.</i>			
	3	Cash.....	101	2,000	
		Teaching Revenue.....	401		2,000
		<i>Collected cash for teaching services in 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	Taylor Smith, 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	Equipment	161	300	
		Accounts Payable	201		300
		<i>Purchased equipment on credit.</i>			

Problem 2-12A (continued)

Parts 2 and 3

Cash 101		Supplies 126		Equipment 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		Taylor Smith, Capital 301		Taylor Smith, 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 2-12A (continued)

Part 4

**Glitter and Gold Studio
Trial Balance
July 31, 2020**

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	Taylor Smith, capital.....		3,000
302	Taylor Smith, 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 2-12A (concluded)
Part 5

Glitter and Gold Studio
Income Statement
For Three Months Ended July 31, 2020

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

Glitter and Gold Studio
Statement of Changes in Equity
For Three Months Ended July 31, 2020

Taylor Smith, capital, May 1		\$ 3,000
Owner investment	\$ 0	
Profit	<u>11,350</u>	← <u>11,350</u>
Total		\$14,350
Less: Withdrawals by owner		<u>13,500</u>
Taylor Smith, capital, July 31		<u>\$ 850</u>

The arrows are imaginary but emphasize the link between statements.

Glitter and Gold Studio
Balance Sheet
July 31, 2020

<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>	
		Taylor Smith, capital	<u>850</u> ←
		Total liabilities and	
Total assets.....	<u>\$16,050</u>	equity	<u>\$16,050</u>

Problem 2-13A (45 minutes) Part 1

		General Journal			Page 1
Date	Account Titles and Explanation	PR	Debit	Credit	
2020					
Mar.	1				
	Supplies.....	126	200		
	Accounts Payable	201		200	
	<i>Purchased supplies on credit.</i>				
	2				
	Cash.....	101	4,400		
	Unearned Wedding Planning Revenue...	233		4,400	
	<i>Collected cash for wedding planning in April.</i>				
	3				
	Cash.....	101	2,200		
	Wedding Planning Revenue	401		2,200	
	<i>Collected cash for wedding planning services in March.</i>				
	4				
	Rent Expense	640	3,200		
	Cash.....	101		3,200	
	<i>Paid March rent.</i>				
	5				
	Accounts Payable	201	600		
	Cash	101		600	
	<i>Paid for supplies purchased on account.</i>				
	15				
	Ranjeet Gill, Withdrawals	302	450		
	Cash.....	101		450	
	<i>The owner withdrew cash.</i>				
	20				
	Wages Expense.....	623	1,500		
	Cash	101		1,500	
	<i>Paid wages.</i>				
	31				
	Equipment	161	400		
	Accounts Payable	201		400	
	<i>Purchased equipment on credit.</i>				

Problem 2-13A (continued)

Parts 2 and 3

Cash 101		Supplies 126		Equipment 161		Accounts Payable 201	
Bal.	6,200	Bal.	1,050	Bal.	8,200		1,700 Bal.
Mar 2	4,400	Mar 1	200	Mar 31	400	Mar 5	600
3	2,200	Bal.	1,250	Bal.	8,600		200 Mar. 1
							400 Mar. 31
							1,700 Bal.
Bal.	7,050						

Unearned Wedding Planning Revenue 233		Ranjeet Gill, Capital 301		Ranjeet Gill, Withdrawals 302		Wedding Planning Revenue 401	
	10,000 Bal.		3,200 Bal.	Bal.	13,200		46,600 Bal.
	4,400 Mar. 2			Mar. 15	450		2,200 Mar. 3
	14,400 Bal.			Bal.	13,650		48,800 Bal.

Wages Expense 623		Rent Expense 640	
Bal.	26,650	Bal.	6,200
Mar. 20	1,500	Mar. 4	3,200
Bal.	28,150	Bal.	9,400

Problem 2-13A (continued)

Part 4

**Everything Wedding Planning
Trial Balance
March 31, 2020**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 7,050	
126	Supplies	1,250	
161	Furniture.....	8,600	
201	Accounts payable		\$ 1,700
233	Unearned wedding planning revenue		14,400
301	Ranjeet Gill, capital.....		3,200
302	Ranjeet Gill, withdrawals.....	13,650	
401	Wedding planning revenue		48,800
623	Wages expense.....	28,150	
640	Rent expense	9,400	
	Totals.....	<u>\$68,100</u>	<u>\$68,100</u>

Problem 2-13A (concluded)
Part 5

Everything Wedding Planning
Income Statement
For Three Months Ended March 31, 2020

Wedding planning revenue.....		\$48,800
Operating expenses:		
Wages expense	\$28,150	
Rent expense.....	<u>9,400</u>	
Total operating expenses		37,550
Profit.....		<u>\$11,250</u>

Everything Wedding Planning
Statement of Changes in Equity
For Three Months Ended Mar 31, 2020

Ranjeet Gill, capital, January 1.....		\$ 0
Owner investment	\$3,200	
Profit	<u>11,250</u>	← 11,250
Total		\$14,450
Less: Withdrawals by owner		<u>13,650</u>
Ranjeet Gill, capital, March 31		<u>\$ 800</u>

The arrows are imaginary but emphasize the link between statements.

Everything Wedding Planning
Balance Sheet
March 31, 2020

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 7,050	Accounts payable	\$ 1,700
Supplies.....	1,250	Unearned teaching revenue	<u>14,400</u>
Furniture.....	<u>8,600</u>	Total liabilities	\$16,100
		<i>Equity</i>	
		Ranjeet Gill, capital	<u>800</u> ←
		Total liabilities and	
Total assets.....	<u>\$16,900</u>	equity	<u>\$16,900</u>

Problem 2-14A (25 minutes)

**FELINE PET CARE
Income Statement
For Year Ended July 31, 2020**

Revenues:		
Revenue		\$111,900
Operating expenses:		
Wages expense	\$56,000	
Equipment rental expense	32,000	
Pet food expense	17,600	
Advertising expense	<u>9,000</u>	
Total operating expenses		<u>114,600</u>
Loss		<u>\$ 2,700</u>

**FELINE PET CARE
Statement of Changes in Equity
For Year Ended July 31, 2020**

Dwight Turnbull, capital, August 1		\$ 0
Investments by owner		<u>290,760</u>
Total		290,760
Less: Withdrawals by owner	\$ 4,800	
Loss	<u>2,700</u>	<u>7,500</u>
Dwight Turnbull, capital, July 31		<u>\$283,260</u>

The arrows are
imaginary but
emphasize the link
between
statements.

**FELINE PET CARE
Balance Sheet
July 31, 2020**

<i>Assets</i>		<i>Liabilities</i>	
Cash	\$ 22,800	Accounts payable	\$ 14,240
Accounts receivable	11,400	Unearned revenue	<u>91,000</u>
Prepaid insurance	12,300	Total liabilities	105,240
Equipment	18,000		
Building	190,000	<i>Equity</i>	
Land	<u>134,000</u>	Dwight Turnbull, capital	<u>283,260</u>
		Total liabilities and	
Total assets	<u>\$388,500</u>	equity	<u>\$388,500</u>

Problem 2-14A (concluded)

Analysis component:

2020

July 31	Cash	111,900	
	Revenue		111,900
	<i>Received cash for completing work for clients.</i>		
31	Accounts Receivable	111,900	
	Revenue		111,900
	<i>Completed work for clients on account.</i>		

Problem 2-15A (15 minutes)

**Wilm's Window Washing Services
Trial Balance
January 31, 2020**

	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 (30 minutes)

June 2	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Cash account for \$46,000. Debit the Office Equipment account for \$24,000. Credit the Trevor Peeters, Capital account for \$70,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 2	Cash	46,000	
		Office Equipment	24,000	
		Trevor Peeters, Capital		70,000
		<i>Owner investment of cash and equipment.</i>		
Jun 4	Analysis	Assets increase and assets decrease. Liabilities increase.		
	Journal entry analysis	Debit the Land account for \$268,000. Debit the Building account for \$66,000. Credit the Cash account for \$30,000. Credit the Long-Term Notes Payable account for 304,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 4	Land	268,000	
		Building	66,000	
		Cash		30,000
		Long-Term Notes Payable		304,000
		<i>Purchased Land and Building with Cash and a Long-Term Notes Payable.</i>		
Jun 8	Analysis	Assets increase. Equity increase.		
	Journal entry analysis	Debit the Vehicle account for \$7,000. Credit the Trevor Peeters, Capital account for \$7,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 8	Vehicle	7,000	
		Trevor Peeters, Capital		7,000

<i>Owner investment of asset.</i>				
Problem 2-1B (Continued)				
Jun 10	Analysis	Assets increase. Liabilities increase.		
	Journal entry analysis	Debit the Office Supplies account for \$600. Credit the Accounts Payable account for \$600.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 10	Office Supplies	600	
		Accounts Payable		600
		<i>Purchased supplies on credit.</i>		
Jun 14	Analysis	Assets increase. Equity increases.		
	Journal entry analysis	Debit the Accounts Receivable account for \$2,400. Credit the Revenue account for \$2,400.		
	Journal Entry			
	Date	Account Description	Debit	Credit
	Jun 14	Accounts Receivable	2,400	
		Revenue		2,400
		<i>Billed customer for services provided.</i>		
Jun 18	Analysis	Assets decrease. Equity decreases.		
	Journal entry analysis	Debit the Salaries Expense account for \$1,800. Credit the Cash account for \$1,800.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 18	Salaries Expense	1,800	
		Cash		1,800
		<i>Paid salary.</i>		

Problem 2-1B (Continued)				
Jun 22	Analysis	Assets decrease. Liabilities decrease.		
	Journal entry analysis	Debit the Accounts Payable account for \$600. Credit the Cash account for \$600.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 22	Accounts Payable	600	
		Cash		600
		<i>Paid accounts payable.</i>		
Jun 24	Analysis	Assets increase. Assets decrease.		
	Journal entry analysis	Debit the Office Equipment (new) account for \$4,000. Credit the Cash account for \$2,400. Credit the Office Equipment (old) account for \$1,600.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 24	Office Equipment (new)	4,000	
		Cash		2,400
		Equipment (old)		1,600
		Purchase of office equipment.		
Jun 28	Analysis	Assets increase. Assets decrease.		
	Journal entry analysis	Debit the Cash account for \$1,000. Credit the Accounts Receivable account for \$1,000.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 28	Cash	1,000	
		Accounts Receivable		1,000
		Collected cash from a customer.		

Problem 2-1B (Concluded)				
Jun 30	Analysis	Assets decrease. Equity decreases.		
	Journal entry analysis	Debit the Trevor Peeters, Withdrawal account for \$1,050. Credit the Cash account for \$1,050.		
	Journal Entry			
	Date	Account Titles and Explanation	Debit	Credit
	Jun 30	Trevor Peeters, Withdrawals	1,050	
		Cash		1,050
		Withdrawal of cash by owner.		

Problem 2-2B (30 minutes) Part 1 and 2

Part 3

Cash			
Jun 2	46,000	30,000	Jun 4
Jun 28	1,000	1,800	Jun 18
		600	Jun 22
		2,400	Jun 24
		1,050	Jun 30
Balance	11,150		

Accounts Receivable			
Jun 14	2,400	1,000	Jun 28
Balance	1,400		

Office Supplies			
Jun 10	600		

Vehicle			
Jun 8	7,000		

Office Equipment			
Jun 2	24,000	1,600	Jun 24
Balance	26,400		

Building			
Jun 4	66,000		

Land			
Jun 4	268,000		

Accounts Payable			
Jun 22	600	600	Jun 10
		0	Balance

Long-Term Notes Payable			
		304,000	Jun 4

Trevor Peeters, Capital			
		70,000	Jun 2
		7,000	Jun 8
		77,000	Balance

Trevor Peeters, Withdrawals			
Jun 30	1,050		

Revenue			
		2,400	Jun 14

Salaries Expense			
Jun 18	1,800		

Assets (\$380,550) = Liabilities (\$304,000) + Equity (\$76,550)

Problem 2-3B

		General Journal		Page 1
Date		Accounts Titles and Explanations	Debit	Credit
2020				
March	1	Building.....	375,000	
		Cash.....		75,000
		Long-Term 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 2-3B (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 2-4B (60 minutes)

		General Journal			Page 1
Date		Account Titles and Explanation	PR	Debit	Credit
2020					
Sept.	1	Cash	101	48,000	
		Office Equipment	163	11,800	
		Francis Dhami, Capital	301		59,800
		<i>Investment by owner.</i>			
	1	Prepaid Rent.....	131	8,700	
		Cash.....	101		8,700
		<i>Paid three months' rent.</i>			
	2	Office Supplies.....	124	1,180	
		Office Equipment	163	5,800	
		Accounts Payable	201		6,980
		<i>Purchased items on credit.</i>			
	4	Cash	101	6,000	
		Accounting Revenue	401		6,000
		<i>Sold accounting services for cash.</i>			
	8	Accounts Receivable	106	3,800	
		Accounting Revenue	401		3,800
		<i>Sold accounting services on credit.</i>			
	10	Accounts Payable	201	6,980	
		Cash.....	101		6,980
		<i>Paid for credit purchase.</i>			
	14	Prepaid Insurance.....	128	2,800	
		Cash.....	101		2,800
		<i>Paid annual insurance premium.</i>			
	15	No entry.			

Problem 2-4B (concluded)

Sept. 18	Cash.....	101	1,400	
	 Accounts Receivable.....	106		1,400
	<i>Received cash from credit customer.</i>			
24	Accounts Receivable.....	106	2,750	
	 Accounting Revenue.....	401		2,750
	<i>Sold accounting services on credit.</i>			
28	Francis Dhami, Withdrawals.....	302	3,400	
	 Cash.....	101		3,400
	<i>Owner withdrew cash.</i>			
29	Office Supplies.....	124	630	
	 Accounts Payable.....	201		630
	<i>Purchased supplies on credit.</i>			
30	Utilities Expense.....	690	840	
	 Cash.....	101		840
	<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 2-5B

Parts 1 and 2

Cash				Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 1		G1	48,000		48,000
1		G1		8,700	39,300
4		G1	6,000		45,300
10		G1		6,980	38,320
14		G1		2,800	35,520
18		G1	1,400		36,920
28		G1		3,400	33,520
30		G1		840	32,680

Accounts Receivable				Acct. No. 106	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 8		G1	3,800		3,800
18		G1		1,400	2,400
24		G1	2,750		5,150

Office Supplies				Acct. No. 124	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 2		G1	1,180		1,180
29		G1	630		1,810

Prepaid Insurance				Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 14		G1	2,800		2,800

Prepaid Rent				Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 1		G1	8,700		8,700

Office Equipment				Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 1		G1	11,800		11,800
2		G1	5,800		17,600

Problem 2-5B (continued)

Parts 1 and 2

Accounts Payable					Acct. No. 201
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 2		G1		6,980	6,980
10		G1	6,980		0
29		G1		630	630

Francis Dhami, Capital					Acct. No. 301
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 1		G1		59,800	59,800

Francis Dhami, Withdrawals					Acct. No. 302
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 28		G1	3,400		3,400

Accounting Revenue					Acct. No. 401
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 4		G1		6,000	6,000
8		G1		3,800	9,800
24		G1		2,750	12,550

Professional Development Expense					Acct. No. 680
Date	Explanation	PR	Debit	Credit	Balance
2020					

Utilities Expense					Acct. No. 690
Date	Explanation	PR	Debit	Credit	Balance
2020					
Sept. 30		G1	840		840

Problem 2-5B (concluded)

Part 3

**FRANCIS DHAMI, PUBLIC ACCOUNTANT
Trial Balance
September 30, 2020**

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 32,680	
106	Accounts receivable.....	5,150	
124	Office supplies.....	1,810	
128	Prepaid insurance.....	2,800	
131	Prepaid rent.....	8,700	
163	Office equipment.....	17,600	
201	Accounts payable.....		\$ 630
301	Francis Dhami, capital.....		59,800
302	Francis Dhami, withdrawals.....	3,400	
401	Accounting revenue.....		12,550
690	Utilities expense.....	840	
	Totals.....	<u>\$72,980</u>	<u>\$72,980</u>

Problem 2-6B (25 minutes)

**FRANCIS DHAMI, PUBLIC ACCOUNTANT
Income Statement
For Month Ended September 30, 2020**

Revenues:		
Accounting revenue.....		\$12,550
Operating expenses:		
Utilities expense.....	\$840	
Total operating expenses		<u>840</u>
Profit.....		<u>\$ 11,710</u>

**FRANCIS DHAMI, PUBLIC ACCOUNTANT
Statement of Changes in Equity
For Month Ended September 30, 2020**

Francis Dhami, capital, September 1		\$ 0
Investments by owner.....	\$59,800	
Profit.....	<u>11,710</u>	<u>71,510</u>
Total		<u>\$71,510</u>
Less: Withdrawals by owner		<u>3,400</u>
Francis Dhami, capital, September 30		<u>\$68,110</u>

The arrows are imaginary but emphasize the link between statements.

**FRANCIS DHAMI, PUBLIC ACCOUNTANT
Balance Sheet
September 30, 2020**

Assets		Liabilities	
Cash.....	\$ 32,680	Accounts payable	\$ 630
Accounts receivable	5,150		
Office supplies	1,810		
Prepaid insurance.....	2,800	Equity	
Prepaid rent.....	8,700	Francis Dhami, capital	<u>68,110</u>
Office equipment.....	<u>17,600</u>	Total liabilities and	
Total assets	<u>\$68,740</u>	equity	<u>\$68,740</u>

Problem 2-7B (90 minutes)

Part 1

		General Journal		Page 1	
Date		Account Titles and Explanation	Debit	Credit	
2020					
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 Revenue 401			5,200
		<i>Received cash from client for completed work.</i>			
	12	Accounts Receivable 106	4,800		
		Service Revenue 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 Revenue 401			3,600
		<i>Billed client for completed work.</i>			

Problem 2-7B (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 2-7B (continued)

Parts 2 and 3

Cash					Acct. No. 101	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
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	
2020						
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	
2020						
Nov. 4		G1	1,650		1,650	
29		G1	1,700		3,350	

Prepaid Insurance					Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Nov. 19		G1	3,750		3,750	

Prepaid Rent					Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Nov. 2		G1	21,000		21,000	

Problem 2-7B (continued)

Parts 2 and 3

Office Equipment					Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Nov. 1		G1	19,000		19,000	
4		G1	9,000		28,000	

Accounts Payable					Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
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	
2020						
Nov. 1		G1		81,000	81,000	

Tait Unger, Withdrawals					Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Nov. 28		G1	5,300		5,300	

Service Revenue					Acct. No. 401	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
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	
2020						
Nov. 30		G1	19,000		19,000	

Utilities Expense					Acct. No. 690	
Date	Explanation	PR	Debit	Credit	Balance	
2020						
Nov. 30		G1	1,650		1,650	

Problem 2-7B (concluded)

Part 4

**WiCOM SERVICING
Trial Balance
November 30, 2020**

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 revenue.....		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 2-8B (25 minutes)

**WiCOM SERVICING
Income Statement
For Month Ended November 30, 2020**

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

**WiCOM SERVICING
Statement of Changes in Equity
For Month Ended November 30, 2020**

Tait Unger, capital, November 1		\$ 0
Investments by owner.....		<u>81,000</u>
Total		81,000
Less: Withdrawals by owner	\$5,300	
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, 2020**

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

Problem 2-9B (25 minutes)

RUSH INNOVATIONS
Income Statement
For Month Ended November 30, 2020

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

RUSH INNOVATIONS
Statement of Changes in Equity
For Month Ended November 30, 2020

Jay Rush, capital, November 1.....		\$ 0
Investments by owner.....		<u>146,000</u>
Total		146,000
Less: Withdrawals by owner	\$10,600	
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, 2020

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

Problem 2-9B (concluded)

Analysis component:

2020

Nov. 30	Accounts Receivable	XXX	
	 Service Revenue.....		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 2-10B (90 minutes)

Part 1

General Journal					Page 1
Date	Account Titles and Explanation	PR	Debit	Credit	
2020					
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	
		Revenue.....	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	
		Revenue.....	401		3,750
		<i>Performed services on credit.</i>			
	20	Accounts Receivable	106	9,200	
		Revenue.....	401		9,200
		<i>Performed services on credit.</i>			

Problem 2-10B (continued)

Part 1

		General Journal			Page 2
Date		Account Titles and Explanation	PR	Debit	Credit
2020					
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 Revenue.....	233		1,400
		<i>Received cash for services to be performed in August.</i>			

Problem 2-10B (continued)

Parts 2 and 3

Cash				Account No. 101	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
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
2020					
June 30	Beginning balance				275
July 5		G1	9,600		9,875

Trucks				Account No. 153	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				20,800
July 1		G1	56,000		76,800

Problem 2-10B (continued)

Parts 2 and 3

Office Equipment				Account No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
June 30	Beginning balance				-0-
July 3		G1	21,000		21,000

Land				Account No. 183	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				-0-
July 2		G1	124,000		124,000

Accounts Payable				Account No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				725
July 21		G1		1,300	2,025
24		G2	1,300		725

Unearned Revenue				Account No. 233	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
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 2-10B (continued)

Parts 2 and 3

Brett Wilson, Capital				Account No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				83,825

Brett Wilson, Withdrawals				Account No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				600
July 26		G2	3,875		4,475

Revenue				Account No. 401	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
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
2020					
June 30	Beginning balance				230
July 21		G2	1,300		1,530

Advertising Expense				Account No. 655	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				75
July 28		G2	800		875

Repairs Expense				Account No. 684	
Date	Explanation	PR	Debit	Credit	Balance
2020					
June 30	Beginning balance				40

July 25 |

| G2 | 1,425 |

| 1,465

Problem 2-10B (concluded)

Part 4

**FROG BOX COMPANY
Trial Balance
July 31, 2020**

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 revenue.....		1,400
251	Long-term notes payable		161,000
301	Brett Wilson, capital		83,825
302	Brett Wilson, withdrawals	4,475	
401	Revenue.....		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 2-11B

FROG BOX COMPANY
Income Statement
For Two Months Ended July 31, 2020

Revenues:		
Revenue		\$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>
Profit.....		<u>\$16,700</u>

FROG BOX COMPANY
Statement of Changes in Equity
For Two Months Ended July 31, 2020

Brett Wilson, capital, June 1.....		\$ 83,825
Investments by owner.....	\$ 0	
Profit	<u>16,700</u>	<u>16,700</u>
Total		\$100,525
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, 2020

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 1,900	Accounts payable.....	\$ 725
Accounts receivable	8,900	Unearned revenue	1,400
Prepaid insurance	9,875	Long-term notes payable.....	<u>161,000</u>
Trucks.....	76,800	Total liabilities	\$163,125
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 2-12B (45 minutes)

Part 1

General Journal					Page 1
Date	Account Titles and Explanation	PR	Debit	Credit	Credit
Nov. 2020					
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 2-12B (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 2-12B (continued)

Part 4

**TOUR-ALONG
Trial Balance
November 30, 2020**

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 2-12B (continued)

Part 5

**TOUR-ALONG
Income Statement
For Two Months Ended November 30, 2020**

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

**TOUR-ALONG
Statement of Changes in Equity
For Two Months Ended November 30, 2020**

Ike Petrov, capital, October 1		\$ -0-
Owner investment	\$8,000	
Profit.....	<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, 2020**

<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 2-13B (45 minutes) Part 1

		General Journal			Page 1
Date	Account Titles and Explanation	PR	Debit	Credit	
2020					
July					
1	Supplies.....	126	400		
	Accounts Payable	201		400	
	<i>Purchased supplies on credit.</i>				
2	Cash.....	101	7,000		
	Unearned Travel Deposit Revenue	233		7,000	
	<i>Collected cash for travel planning services in August.</i>				
3	Cash.....	101	13,500		
	Travel Planning Revenue.....	401		13,500	
	<i>Collected cash for travel planning services in July.</i>				
4	Rent Expense	640	4,500		
	Cash.....	101		4,500	
	<i>Paid July rent.</i>				
5	Accounts Payable	201	700		
	Cash	101		700	
	<i>Paid for supplies purchased on account.</i>				
15	Tom Keenan, Withdrawals.....	302	650		
	Cash.....	101		650	
	<i>The owner withdrew cash.</i>				
20	Wages Expense.....	623	1,400		
	Cash	101		1,400	
	<i>Paid wages.</i>				
31	Equipment	161	1,000		
	Accounts Payable	201		1,000	
	<i>Purchased equipment on credit.</i>				

Problem 2-13B (continued)

Parts 2 and 3

Cash 101		Supplies 126		Equipment 161		Accounts Payable 201	
Bal. 17,500		Bal. 1,700		Bal. 9,500		Bal. 3,000	
Jul. 2 7,000	4,500	Jul. 1 400		Jul. 31 1,000		Jul. 5 700	400
3 13,500	700	Bal. 2,100		Bal. 10,500			1,000
	650						3,700
	1,400						Bal.
Bal. 30,750							

Unearned Travel Deposit Revenue 233		Tom Keenan, Capital 301		Tom Keenan, Withdrawals 302		Travel Planning Revenue 401	
	11,300		4,500	Bal. 14,500			60,500
	7,000			Jul. 15 650			13,500
	18,300			Bal. 15,150			74,000
	Bal.		Bal.				Bal.

Wages Expense 623		Rent Expense 640	
Bal. 28,600		Bal. 7,500	
Jul. 20 1,400		Jul. 4 4,500	
Bal. 30,000		Bal. 12,000	

Problem 2-13B (continued)
Part 4

Epic Adventures
Trial Balance
July 31, 2020

Acct. No.	Account Title	Debit	Credit
101	Cash.....	\$ 30,750	
126	Supplies	2,100	
161	Equipment.....	10,500	
201	Accounts payable.....		\$ 3,700
233	Unearned travel deposit revenue		18,300
301	Tom Keenan, capital.....		4,500
302	Tom Keenan, withdrawals.....	15,150	
401	Travel planning revenue.....		74,000
623	Wages expense.....	30,000	
640	Rent expense	12,000	
	Totals.....	<u>\$100,500</u>	<u>\$100,500</u>

Problem 2-13B (concluded)
Part 5

Epic Adventures
Income Statement
For Three Months Ended July 31, 2020

Travel planning revenue		\$74,000
Operating expenses:		
Wages expense	\$30,000	
Rent expense	<u>12,000</u>	
Total operating expenses		42,000
Profit.....		<u>\$32,000</u>

Epic Adventures
Statement of Changes in Equity
For Three Months Ended July 31, 2020

Tom Keenan, capital, May 1.....		\$ 0	
Owner investment	\$ 4,500		
Profit	<u>32,000</u>	← 36,500	
Total		\$36,500	
Less: Withdrawals by owner		<u>15,150</u>	
Tom Keenan, capital, July 31.....		<u>\$ 21,350</u>	

The arrows are imaginary but emphasize the link between statements.

Epic Adventures
Balance Sheet
July 31, 2020

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$ 30,750	Accounts payable	\$ 3,700
Supplies.....	2,100	Unearned travel deposit	<u>18,300</u>
Equipment	<u>10,500</u>	revenue	
		Total liabilities	\$22,000
		<i>Equity</i>	
		Tom Keenan, capital	<u>21,350</u>
		Total liabilities and	
Total assets	<u>\$43,350</u>	equity	<u>\$43,350</u>

Problem 2-14B

LINCOLN LANDSCAPING
Income Statement
For Three Months Ended July 31, 2020

Revenues:		
Revenue		\$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>
Loss		<u>\$33,680</u>

LINCOLN LANDSCAPING
Statement of Changes in Equity
For Three Months Ended July 31, 2020

Brielle Lincoln, capital, May 1	\$ 0
Investments by owner	<u>65,000</u>
Total	65,000
Less: Withdrawals by owner	\$ 8,950
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, 2020

Assets		Liabilities	
Cash	\$ 23,720	Accounts payable	\$ 37,500
Accounts receivable	18,600	Unearned revenue	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 liabilities and	
Total assets	<u>\$120,670</u>	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 2-15B

**Wicked Dance
Trial Balance
December 31, 2020**

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
Paula Fernandes, 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, 2020

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 revenue.....		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)

**Designer Dry Cleaning
Statement of Changes in Equity
For Months Ended**

	April 30, 2020	March 31, 2020
Christopher Dior, capital, beginning.....	\$ 34,400	\$ 0
Investment by owner.....	0	10,000
Profit	<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>
Christopher Dior, capital, ending.....	<u>\$57,800</u>	<u>\$34,400</u>

**Designer Dry Cleaning
Balance Sheet**

	April 30, 2020	March 31, 2020		April 30, 2020	March 31, 2020
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		
			Christopher Dior, capital.....	<u>57,800²</u>	<u>34,400¹</u>
			Total liabilities and equity	<u>\$98,500</u>	<u>\$49,900</u>
Total assets	<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. Profit 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, 2020**

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>
Profit		<u>\$ 6,900</u>

**McALLISTER SURVEYING
Statement of Changes in Equity
For Month Ended May 31, 2020**

Travis McAllister, capital, May 1		\$75,000
Investments by owner	\$3,000	
Profit	<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, 2020**

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 profit during the month which caused equity to

increase. It is reasonable for the owner to benefit from that profit 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, 2017.

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 profit is increasing in total dollars, expenses are increasing as a percentage of sales causing profit to shrink as a percentage of sales which is unfavourable

Prairie Insurance – Western Canadian Division Sales Report Month Ended						
	Sept. 30, 2020	%	Aug. 31, 2020	%	July 31, 2020	%
Sales revenue	\$680,000	100	\$510,000	100	\$440,000	100
Expenses	544,000	80	382,500	75	321,200	73
Profit	\$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.”**

Cumulative Problem, Echo Systems (120 minutes) Part A

2.

				General	
Journal Date	Page 1	Account Titles and Explanation	PR	Debit	Credit
2020					
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>			

Cumulative Problem, Echo Systems (continued)

Part A

		General Journal			Page 2
Date		Account Titles and Explanation	PR	Debit	Credit
2020					
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
2020						
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
2020						
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

Cumulative Problem, Echo Systems (continued)

Part A

Computer Supplies				Acct. No. 126	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 3		G1	2,640		2,640

Prepaid Insurance				Acct. No. 128	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 5		G1	4,320		4,320

Prepaid Rent				Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 2		G1	9,000		9,000

Office Equipment				Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 1		G1	18,000		18,000

Computer Equipment				Acct. No. 167	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 1		G1	36,000		36,000

Accounts Payable				Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 3		G1		2,640	2,640
8		G1	2,640		0

Mary Graham, Capital				Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 1		G1		144,000	144,000

Mary Graham, Withdrawals				Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 31		G2	7,200		7,200

Cumulative Problem, Echo Systems (continued)

Part A

Computer Services Revenue				Acct. No. 403	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
Oct. 31		G2	1,400		1,400

Advertising Expense				Acct. No. 655	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 20		G1	3,720		3,720

Mileage Expense				Acct. No. 676	
Date	Explanation	PR	Debit	Credit	Balance
2020					

Repairs Expense, Computer				Acct. No. 684	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 17		G1	1,410		1,410

Charitable Donations Expense				Acct. No. 699	
Date	Explanation	PR	Debit	Credit	Balance
2020					

Cumulative Problem, Echo Systems (continued)

Part A

4.

**ECHO SYSTEMS
Trial Balance
October 31, 2020**

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.

Cumulative Problem, Echo Systems (continued)

Part A

5.

**ECHO SYSTEMS
Income Statement
For Month Ended October 31, 2020**

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>
Profit.....	<u>\$ 8,920</u>

**ECHO SYSTEMS
Statement of Changes in Equity
For Month Ended October 31, 2020**

Mary Graham, capital, October 1.....	\$	0
Investments by owner.....	\$144,000	
Profit	<u>8,920</u>	<u>152,920</u>
Total		<u>\$152,920</u>
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, 2020**

<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>

Cumulative Problem, Echo Systems (continued)

Part B

6.

2020

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>			

Cumulative Problem, Echo Systems (continued)

Part B

7.

General Ledger accounts:

Cash			Acct. No. 101		
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
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

Cumulative Problem, Echo Systems (continued) Part B

Computer Supplies				Acct. No. 126	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
Oct. 5		G1	4,320		4,320

Prepaid Rent				Acct. No. 131	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 2		G1	9,000		9,000

Office Equipment				Acct. No. 163	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 1		G1	18,000		18,000

Computer Equipment				Acct. No. 167	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 1		G1	36,000		36,000

Accounts Payable				Acct. No. 201	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 3		G1		2,640	2,640
8		G1	2,640		0

Mary Graham, Capital				Acct. No. 301	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 1		G1		144,000	144,000

Mary Graham, Withdrawals				Acct. No. 302	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Oct. 31		G2	7,200		7,200
Nov. 30		G3	3,600		10,800

Cumulative Problem, Echo Systems (continued)

Part B

Computer Services Revenue				Acct. No. 403	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
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
2020					
Oct. 20		G1	3,720		3,720

Mileage Expense				Acct. No. 676	
Date	Explanation	PR	Debit	Credit	Balance
2020					
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
2020					
Oct. 17		G1	1,410		1,410

Charitable Donations Expense				Acct. No. 699	
Date	Explanation	PR	Debit	Credit	Balance
2020					
Nov. 22		G2	1,500		1,500

Cumulative Problem, Echo Systems (continued)

Part B

8.

**ECHO SYSTEMS
Trial Balance
November 30, 2020**

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>

Cumulative Problem, Echo Systems (concluded)

Part B

9.

ECHO SYSTEMS
Income Statement
For Two Months Ended November 30, 2020

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>
Profit.....		<u>\$27,920</u>

ECHO SYSTEMS
Statement of Changes in Equity
For Two Months Ended November 30, 2020

Mary Graham, capital, October 1.....			\$ -0-
Investments by owner.....	\$144,000		
Profit	<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, 2020

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