

Solutions Manual for Financial Accounting 10th Weygandt

CHAPTER 2

The Recording Process

ASSIGNMENT CLASSIFICATION TABLE

<u>Learning Objectives</u>	<u>Questions</u>	<u>Brief Exercises</u>	<u>Do It!</u>	<u>Exercises</u>	<u>A Problems</u>
1. Describe how accounts, debits, and credits are used to record business transactions.	1, 2, 3, 4, 5, 6, 7, 8, 9, 14, 21	1, 2, , 5	1	1, 2, 4, 6, 7	
2. Indicate how a journal is used in the recording process.	10, 11, 12, 13, 14, 16, 19	3, 4, 6	2	3, 5, 6, 7, 8, 9, 11, 12, 13, 14	1A, 2A, 3A, 5A
3. Explain how a ledger and posting help in the recording process.	15, 17	7, 8	3	10, 11, 14	2A, 3A, 5A
4. Prepare a trial balance.	18, 20	9, 10	4	11, 12, 13, 15, 16, 17	2A, 3A, 4A, 5A

ASSIGNMENT CHARACTERISTICS TABLE

Problem Number	Description	Difficulty Level	Time Allotted (min.)
1A	Journalize a series of transactions.	Easy	20–30
2A	Journalize transactions, post, and prepare a trial balance.	Easy	30–40
3A	Journalize and post transactions and prepare a trial balance.	Moderate	40–50
4A	Prepare a correct trial balance.	Moderate	30–40
5A	Journalize transactions, post, and prepare a trial balance.	Moderate	40–50

WEYGANDT FINANCIAL ACCOUNTING 10E
CHAPTER 2
THE RECORDING PROCESS

Number	LO	BT	Difficulty	Time (min.)
BE1	1	C	Easy	6–8
BE2	1	C	Easy	4–6
BE3	2	AP	Easy	4–6
BE4	2	C	Moderate	4–6
BE5	1	C	Easy	6–8
BE6	2	AP	Easy	4–6
BE7	3	AP	Easy	4–6
BE8	3	AP	Easy	4–6
BE9	4	AP	Easy	4–6
BE10	4	AN	Moderate	6–8
DI1	1	C	Easy	3–5
DI2	2	AP	Easy	3–5
DI3	3	AP	Easy	2–4
DI4	4	AP	Easy	6–8
EX1	1	K	Easy	2–4
EX2	1	C	Easy	10–15
EX3	2	AP	Easy	8–10
EX4	1	C	Easy	6–8
EX5	2	AP	Easy	6–8
EX6	1, 2	AP	Easy	6–8
EX7	1, 2	AP	Easy	8–10
EX10	3	C	Easy	2–4
EX11	3, 4	AP	Easy	10–12
EX12	2, 4	AP	Moderate	10–12
EX13	2, 4	AP	Moderate	12–15
EX14	2, 3	AP	Moderate	12–15
EX15	4	AN	Moderate	6–8
EX16	4	AP	Easy	10–15
EX17	2–4	AP	Hard	20–25

THE RECORDING PROCESS (Continued)

Number	LO	BT	Difficulty	Time (min.)
P1A	2	AP	Easy	20–30
P2A	2–4	AP	Easy	30–40
P3A	2–4	AP	Moderate	40–50
P4A	4	AN	Moderate	30–40
P5A	2–4	AP	Moderate	40–50
CT1	1	C	Easy	8–10
CT2	1, 2	AN	Easy	8–10
CT3	1, 2	AN	Easy	15–20
CT4	—	AP, S	Moderate	20–30
CT5	—	AP, S	Moderate	10–15
CT6	2, 4	AN	Hard	40–45
CT7	2	AP	Easy	10–15
CT8	4	E	Moderate	10–15
CT9	—	E	Moderate	10–15
CT10	—	E	Moderate	40–45
CT11	—	S	Moderate	40–45

Correlation Chart between Bloom's Taxonomy, Learning Objectives and End-of-Chapter Exercises and Problems

Learning Objective	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation
1. Describe how accounts, debits, and credits are used to record business transactions.	Q2-1 Q2-21 E2-1	Q2-2 Q2-8 Q2-3 Q2-9 BE2-5 Q2-4 DI2-1 Q2-5 E2-2 Q2-6 BE2-1 E2-4 Q2-7 BE2-2	E2-6 E2-7			
2. Indicate how a journal is used in the recording process.	Q2-10 Q2-12 Q2-19	Q2-11 Q2-13 Q2-14 BE2-4	Q2-16 E2-7 P2-5A BE2-3 E2-8 BE2-6 E2-9 DI2-2 E2-12 E2-3 E2-13 E2-5 E2-14 E2-6 P2-1A P2-2A P2-3A			
3. Explain how a ledger and posting help in the recording process.	Q2-15	Q2-17 E2-10	BE2-7 E2-14 BE2-8 P2-2A DI2-3 P2-3A E2-11 P2-5A			
4. Prepare a trial balance.		Q2-18 E2-15	BE2-9 E2-13 P2-3A DI2-4 E2-16 P2-5A E2-11 E2-17 E2-12 P2-2A	Q2-20 BE2-10 E2-15 P2-4A		
Expand Your Critical Thinking		Financial Reporting	Real-World Focus Communication	Comparative Analysis Ethics Case Decision-Making Across the Organization	Communication Decision-Making Across the Organization Real-world focus Considering People, Planet, and Profit	All About You Ethics Case

ANSWERS TO QUESTIONS

1. A T-account has the following parts: (a) the title, (b) the left or debit side, and (c) the right or credit side.

LO 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: None AICPA FC: Reporting IMA: Reporting

2. Disagree. The terms debit and credit mean left and right respectively.

LO 1 BT: C Difficulty: Easy TOT: 1 min. AACSB: None AICPA FC: Reporting IMA: Reporting

3. Tom is incorrect. The double-entry system merely records the dual effect (at least two accounts are affected) of a transaction on the accounting equation. A transaction is not recorded twice; it is recorded once, with a dual effect.

LO 1 BT: C Difficulty: Easy TOT: 1 min. AACSB: None AICPA FC: Reporting IMA: Reporting

4. Olga is incorrect. A debit balance only means that debit amounts exceed credit amounts in an account. Conversely, a credit balance only means that credit amounts are greater than debit amounts in an account. Thus, a debit or credit balance is neither favorable nor unfavorable.

LO 1 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

5. (a) Asset accounts are increased by debits and decreased by credits.
(b) Liability accounts are decreased by debits and increased by credits.
(c) Revenues, common stock, and retained earnings are increased by credits and decreased by debits. Expenses and dividends are increased by debits and decreased by credits.

LO 1 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

6. (a) Accounts Receivable—debit balance.
(b) Cash—debit balance.
(c) Dividends—debit balance.
(d) Accounts Payable—credit balance.
(e) Service Revenue—credit balance.
(f) Salaries and Wages Expense—debit balance.
(g) Common Stock—credit balance.

LO 1 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

7. (a) Accounts Receivable—asset—debit balance.
(b) Accounts Payable—liability—credit balance
(c) Equipment—asset—debit balance.
(d) Dividends—stockholders' equity—debit balance.
(e) Supplies—asset—debit balance.

LO 1 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

8. (a) Debit Supplies and credit Accounts Payable.
(b) Debit Cash and credit Notes Payable.
(c) Debit Salaries and Wages Expense and credit Cash.

LO 1 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 9.** (1) Cash—both debit and credit entries.
(2) Accounts Receivable—both debit and credit entries.
(3) Dividends—debit entries only.
(4) Accounts Payable—both debit and credit entries.
(5) Salaries and Wages Expense—debit entries only.
(6) Service Revenue—credit entries only.

LO 1 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 10.** The basic steps in the recording process are:
1. Analyze each transaction for its effect on the accounts.
 2. Enter the transaction information in a journal.
 3. Transfer the journal information to the appropriate accounts in the ledger.

LO 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: None AICPA FC: Reporting IMA: Reporting

Questions Chapter 2 (Continued)

- 11.** The advantages of using the journal in the recording process are:
- (a) It discloses in one place the complete effects of a transaction.
 - (b) It provides a chronological record of all transactions.
 - (c) It helps to prevent or locate errors because the debit and credit amounts for each entry can be easily compared.

LO 2 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 12.** (a) The debit should be entered first.
(b) The credit should be indented.

LO 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 13.** When three or more accounts are required in one journal entry, the entry is referred to as a compound entry. An example of a compound entry is the purchase of equipment, part of which is paid for with cash and the remainder is on account.

LO 2 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 14.** (a) No, business transaction debits and credits should not be recorded directly in the ledger.
(b) The advantages of using the journal are:
- 1. It discloses in one place the complete effects of a transaction.
 - 2. It provides a chronological record of all transactions.
 - 3. It helps to prevent or locate errors because the debit and credit amounts for each entry can be easily compared.

LO 2 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 15.** The advantage of the last step in the posting process is to indicate that the item has been posted.

LO 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: None AICPA FC: Reporting IMA: Reporting

16. (a)	Cash	9,000	
	Common Stock.....		9,000
	(Issued shares of stock for cash)		
(b)	Prepaid Insurance	800	
	Cash.....		800
	(Paid one-year insurance policy)		
(c)	Supplies	2,000	
	Accounts Payable.....		2,000
	(Purchased supplies on account)		
(d)	Cash	7,800	
	Service Revenue		7,800
	(Received cash for services rendered)		

LO 2 BT: AP Difficulty: Easy TOT: 4 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

17. (a) The entire group of accounts maintained by a company, including all the asset, liability, and stockholders' equity accounts, is referred to collectively as the ledger.
- (b) A chart of accounts is a list of accounts and the account numbers that identify their location in the ledger. The chart of accounts is important, particularly for a company that has a large number of accounts, because it helps organize the accounts and define the level of detail that a company desires in its accounting system.

LO 3 BT: C Difficulty: Easy TOT: 3 min. AACSB: None AICPA FC: Reporting IMA: Reporting

Questions Chapter 2 (Continued)

- 18.** A trial balance is a list of accounts and their balances at a given time. The primary purpose of a trial balance is to prove (check) that the debits equal the credits after posting. A trial balance also facilitates the discovery of errors in journalizing and posting. In addition, it is useful in preparing financial statements.

LO 4 BT: C Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 19.** No, Juan is not correct. The proper sequence is as follows:
- (b) Business transaction occurs.
 - (c) Information entered in the journal.
 - (a) Debits and credits posted to the ledger.
 - (e) Trial balance is prepared.
 - (d) Financial statements are prepared.

LO 2 BT: K Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

- 20.** (a) The trial balance would balance.
(b) The trial balance would not balance.

LO 4 BT: AN Difficulty: Easy TOT: 4 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

- 21.** The normal balances are Cash debit, Accounts Payable credit, and Interest Expense debit.

LO 1 BT: K Difficulty: Easy TOT: 2 min. AACSB: None AICPA FC: Reporting IMA: Reporting

SOLUTIONS TO BRIEF EXERCISES

BRIEF EXERCISE 2-1

	<u>(a) Debit Effect</u>	<u>(b) Credit Effect</u>	<u>(c) Normal Balance</u>
1. Accounts Payable	Decrease	Increase	Credit
2. Advertising Expense	Increase	Decrease	Debit
3. Service Revenue	Decrease	Increase	Credit
4. Accounts Receivable	Increase	Decrease	Debit
5. Common Stock	Decrease	Increase	Credit
6. Dividends	Increase	Decrease	Debit

LO 1 BT: C Difficulty: Easy TOT: 6 min. AACSB: None AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-2

	<u>Account Debited</u>	<u>Account Credited</u>
June 1	Cash	Common Stock
2	Equipment	Accounts Payable
3	Rent Expense	Cash
12	Accounts Receivable	Service Revenue

LO 1 BT: C Difficulty: Easy TOT: 4 min. AACSB: None AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-3

June 1	Cash	4,000	
	Common Stock		4,000
2	Equipment	1,200	
	Accounts Payable.....		1,200
3	Rent Expense	800	
	Cash		800
12	Accounts Receivable	300	
	Service Revenue.....		300

LO 2 BT: AP Difficulty: Easy TOT: 4 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-4

The basic steps in the recording process are:

1. **Analyze each transaction. In this step, business documents are examined to determine the effects of the transaction on the accounts.**
2. **Enter each transaction in a journal. This step is called journalizing and it results in making a chronological record of the transactions.**
3. **Transfer journal information to ledger accounts. This step is called posting. Posting makes it possible to accumulate the effects of journalized transactions on individual accounts.**

LO 2 BT: C Difficulty: Moderate TOT: 5 min. AACSB: None AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-5

(a) Effect on Accounting Equation

(b) Debit-Credit Analysis

Aug. 1 The asset Cash is increased; the stockholders' equity account Common Stock is increased.

Debits increase assets:
debit Cash \$5,000.
Credits increase stockholders' equity:
credit Common Stock \$5,000.

4 The asset Prepaid Insurance is increased; the asset Cash is decreased.

Debits increase assets:
debit Prepaid Insurance \$1,800.
Credits decrease assets:
credit Cash \$1,800.

16 The asset Cash is increased; the revenue Service Revenue is increased.

Debits increase assets:
debit Cash \$1,900.
Credits increase revenues:
credit Service Revenue \$1,900.

27 The expense Salaries and Wages Expense is increased; the asset Cash is decreased.

Debits increase expenses:
debit Salaries and Wages Expense \$1,000.
Credits decrease assets:
credit Cash \$1,000.

LO 1 BT: C Difficulty: Moderate TOT: 6 min. AACSB: None AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-6

Aug. 1	Cash.....	5,000	
	Common Stock.....		5,000
4	Prepaid Insurance.....	1,800	
	Cash		1,800
16	Cash.....	1,900	
	Service Revenue		1,900
27	Salaries and Wages Expense.....	1,000	
	Cash		1,000

LO 2 BT: AP Difficulty: Easy TOT: 5 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-7

Cash			Service Revenue		
5/12	2,100			5/5	5,000
5/15	3,200			5/15	3,200
Bal.	5,300			Bal.	8,200

Accounts Receivable			
5/5	5,000	5/12	2,100
Bal.	2,900		

LO 3 BT: AP Difficulty: Easy TOT: 5 min. AACSB: None AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-8

Cash

Date	Explanation	Ref.	Debit	Credit	Balance
May 12		J1	2,100		2,100
15		J1	3,200		5,300

BRIEF EXERCISE 2-8 (Continued)

Accounts Receivable

Date	Explanation	Ref.	Debit	Credit	Balance
May 5		J1	5,000		5,000
12		J1		2,100	2,900

Service Revenue

Date	Explanation	Ref.	Debit	Credit	Balance
May 5		J1		5,000	5,000
15		J1		3,200	8,200

LO 3 BT: AP Difficulty: Easy TOT: 5 min. AACSB: None AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-9

FAVRE COMPANY Trial Balance June 30, 2019

	<u>Debit</u>	<u>Credit</u>
Cash	\$ 5,200	
Accounts Receivable	3,000	
Equipment.....	17,000	
Accounts Payable.....		\$ 7,000
Common Stock		20,000
Dividends	800	
Service Revenue.....		6,000
Salaries and Wages Expense	6,000	
Rent Expense.....	1,000	
	<u>\$33,000</u>	<u>\$33,000</u>

(Credit tot. = Accts. pay. + Com. stk. + Serv. rev.)

LO 4 BT: AP Difficulty: Easy TOT: 5 min. AACSB: None AICPA FC: Reporting IMA: Reporting

BRIEF EXERCISE 2-10

ERIKA COMPANY Trial Balance December 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash	\$16,800	
Prepaid Insurance	3,500	
Accounts Payable		\$ 3,000
Unearned Service Revenue		4,200
Common Stock		13,000
Dividends	4,500	
Service Revenue		25,600
Salaries and Wages Expense	18,600	
Rent Expense	2,400	
	<u>\$45,800</u>	<u>\$45,800</u>

(Credit tot. = Accts. pay. + Unearn. serv. rev. + Com. stk. + Serv. rev.)

LO 4 BT: AN Difficulty: Moderate TOT: 6 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

SOLUTIONS FOR DO IT! REVIEW EXERCISES

DO IT! 2-1

James would likely need the following accounts in which to record the transactions necessary to ready his photography studio for opening day:

Cash (debit balance)	Notes Payable (credit balance)
Supplies (debit balance)	Accounts Payable (credit balance)
Equipment (debit balance)	Common Stock (credit balance)
	Rent Expense (debit balance)

LO 1 BT: C Difficulty: Easy TOT: 4 min. AACSB: None AICPA FC: Reporting IMA: Reporting

DO IT! 2-2

Each transaction that is recorded is entered in the general journal. The three activities would be recorded as follows:

1. **Cash**..... 8,000
 Common Stock..... 8,000
2. **Supplies**..... 1,600
 Cash..... 300
 Accounts Payable 1,300
3. **No entry because no transaction has occurred.**

LO 2 BT: AP Difficulty: Easy TOT: 4 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

DO IT! 2-3

Cash			
4/1	1,600	4/16	600
4/3	3,900	4/20	500
4/30	4,400		

LO 3 BT: AP Difficulty: Easy TOT: 3 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

DO IT! 2-4

CHILLIN' COMPANY Trial Balance December 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash	\$ 6,000	
Accounts Receivable	8,000	
Supplies	5,000	
Equipment.....	76,000	
Notes Payable.....		\$ 20,000
Accounts Payable.....		9,000
Salaries and Wages Payable		3,000
Common Stock		25,000
Dividends	8,000	
Service Revenue.....		86,000
Rent Expense.....	2,000	
Salaries and Wages Expense	38,000	
	<u>\$143,000</u>	<u>\$143,000</u>

LO 4 BT: AP Difficulty: Moderate TOT: 6 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

SOLUTIONS TO EXERCISES

EXERCISE 2-1

1. **False.** An account is an accounting record of a specific asset, liability, *or stockholders' equity item*.
2. **False.** An account shows *increases and decreases* in the item it relates to.
3. **False.** Each asset, liability, and *stockholders' equity item has a separate account*.
4. **False.** An account has a left, or *debit* side, and a right, or *credit* side.
5. **True.**

LO 1 BT: K Difficulty: Easy TOT: 3 min. AACSB: None AICPA FC: Reporting IMA: Reporting

Transaction	Account Debited				Account Credited			
	(a) Basic Type	(b) Specific Account	(c) Effect	(d) Normal Balance	(a) Basic Type	(b) Specific Account	(c) Effect	(d) Normal Balance
Jan. 2	Asset	Cash	Increase	Debit	Stockholders' Equity	Common Stock	Increase	Credit
3	Asset	Equipment	Increase	Debit	Asset	Cash	Decrease	Debit
9	Asset	Supplies	Increase	Debit	Liability	Accounts Payable	Increase	Credit
11	Asset	Accounts Receivable	Increase	Debit	Stockholders' Equity	Service Revenue	Increase	Credit
16	Stockholders' Equity	Advertising Expense	Increase	Debit	Asset	Cash	Decrease	Debit
20	Asset	Cash	Increase	Debit	Asset	Accounts Receivable	Decrease	Debit
23	Liability	Accounts Payable	Decrease	Credit	Asset	Cash	Decrease	Debit
28	Stockholders' Equity	Dividends	Increase	Debit	Asset	Cash	Decrease	Debit

LO 1 BT: C Difficulty: Easy TOT: 10 min. AACSB: None AICPA FC: Reporting IMA: Reporting

EXERCISE 2-3

General Journal				J1
Date	Account Titles and Explanation	Ref.	Debit	Credit
Jan. 2	Cash		15,000	
	Common Stock			15,000
3	Equipment		8,200	
	Cash			8,200
9	Supplies		500	
	Accounts Payable			500
11	Accounts Receivable		1,800	
	Service Revenue			1,800
16	Advertising Expense		200	
	Cash			200
20	Cash		780	
	Accounts Receivable			780
23	Accounts Payable		300	
	Cash			300
28	Dividends		500	
	Cash			500

LO 2 BT: AP Difficulty: Easy TOT: 10 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-4

- Oct. 1 **Debits increase assets: debit Cash \$20,000.**
 Credits increase stockholders' equity: credit Common Stock \$20,000.
- 2 **No transaction.**
- 3 **Debits increase assets: debit Equipment \$2,300.**
 Credits increase liabilities: credit Accounts Payable \$2,300.
- Oct. 6 **Debits increase assets: debit Accounts Receivable \$3,600.**
 Credits increase revenues: credit Service Revenue \$3,600.
- 27 **Debits decrease liabilities: debit Accounts Payable \$850.**
 Credits decrease assets: credit Cash \$850.
- 30 **Debits increase expenses: debit Salaries and Wages Expense \$2,500.**
 Credits decrease assets: credit Cash \$2,500.

LO 1 BT: C Difficulty: Easy TOT: 6 min. AACSB: None AICPA FC: Reporting IMA: Reporting

EXERCISE 2-5

General Journal

Date	Account Titles and Explanation	Ref.	Debits	Credit
Oct. 1	Cash		20,000	
	Common Stock.....			20,000
2	No entry.			
3	Equipment		2,300	
	Accounts Payable			2,300
6	Accounts Receivable		3,600	
	Service Revenue.....			3,600
27	Accounts Payable		850	
	Cash			850
30	Salaries and Wages Expense		2,500	
	Cash			2,500

LO 2 BT: AP Difficulty: Easy TOT: 6 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-6

- (a) 1. Increase the asset Cash, increase the liability Notes Payable.
2. Increase the asset Equipment, decrease the asset Cash.
3. Increase the asset Supplies, increase the liability Accounts Payable.

(b) 1.	Cash	5,000	
	Notes Payable		5,000
2.	Equipment	2,500	
	Cash		2,500
3.	Supplies	450	
	Accounts Payable.....		450

LO 1, 2 BT: AP Difficulty: Easy TOT: 6 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-7

- (a) **Assets = Liabilities + Stockholders' Equity**

1.	+		+	(Issue stock)
2.	-		-	(Expense)
3.	+		+	(Revenue)
4.	-		-	(Dividends)

(b) 1.	Cash	5,000	
	Common Stock		5,000
2.	Rent Expense	950	
	Cash		950
3.	Accounts Receivable	4,700	
	Service Revenue.....		4,700
4.	Dividends	600	
	Cash		600

LO 1, 2 BT: AP Difficulty: Easy TOT: 8min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-8

General Journal

Date	Account Titles	Debit	Credit
March 1	Rent Expense	1,200	
	Cash		1,200
3	Accounts Receivable	140	
	Service Revenue		140
5	Cash	75	
	Service Revenue		75
8	Equipment	600	
	Cash		80
	Accounts Payable		520
12	Cash	140	
	Accounts Receivable		140
14	Salaries and Wages Expense	525	
	Cash		525
22	Utilities Expense	72	
	Cash		72
24	Cash	1,500	
	Notes Payable		1,500
27	Repairs Expense	220	
	Cash		220
28	Accounts Payable	520	
	Cash		520
30	Prepaid Insurance	1,800	
	Cash		1,800

LO 2 BT: AP Difficulty: Moderate TOT: 10 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-9

Trans.	Account Titles	Debit	Credit
1.	Cash.....	24,000	
	Common Stock.....		24,000
2.	Cash.....	7,000	
	Notes Payable.....		7,000
3.	Equipment.....	11,000	
	Cash.....		11,000
4.	Rent Expense.....	1,200	
	Cash.....		1,200
5.	Supplies.....	1,450	
	Cash.....		1,450
6.	Advertising Expense.....	600	
	Accounts Payable.....		600
7.	Cash.....	2,000	
	Accounts Receivable.....	16,000	
	Service Revenue.....		18,000
8.	Dividends.....	400	
	Cash.....		400
9.	Utilities Expense.....	2,000	
	Cash.....		2,000
10.	Accounts Payable.....	600	
	Cash.....		600
11.	Interest Expense.....	40	
	Cash.....		40
12.	Salaries and Wages Expense.....	6,400	
	Cash.....		6,400
13.	Cash.....	12,000	
	Accounts Receivable.....		12,000

LO 2 BT: AP Difficulty: Moderate TOT: 10 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-10

1. **False.** The general ledger contains all the asset, liability, *and stockholders' equity* accounts.
2. **True.**
3. **False.** The accounts in the general ledger are arranged in *financial statement order*: first the assets, then the liabilities, common stock, retained earnings, dividends, revenues, and expenses.
4. **True.**
5. **False.** The general ledger is not a book of original entry; transactions are first recorded in the general journal, then in the general ledger.

LO 3 BT: C Difficulty: Easy TOT: 4 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-11

(a)

Cash			
Aug. 1	6,000	Aug. 12	800
10	2,700		
31	880		
Bal.	8,780		

Notes Payable		
	Aug. 12	4,200

Common Stock		
	Aug. 1	6,000

Accounts Receivable			
Aug. 25	1,600	Aug. 31	880
Bal.	720		

Service Revenue		
	Aug. 10	2,700
	25	1,600
	Bal.	4,300

Equipment	
Aug. 12	5,000

(b)

KATI TILLMAN, INVESTMENT BROKER Trial Balance August 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$ 8,780	
Accounts Receivable.....	720	
Equipment.....	5,000	
Notes Payable		\$ 4,200
Common Stock		6,000
Service Revenue.....		4,300
	<u>\$14,500</u>	<u>\$14,500</u>

LO 3, 4 BT: AP Difficulty: Easy TOT: 10 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-12**(a)**

General Journal				
Date	Account Titles and Explanation	Ref.	Debit	Credit
Apr. 1	Cash.....		10,000	
	Common Stock.....			10,000
	(Issued common stock for cash)			
12	Cash.....		900	
	Service Revenue.....			900
	(Received cash for services provided)			
15	Salaries and Wages Expense.....		720	
	Cash			720
	(Paid salaries to date)			
25	Accounts Payable.....		1,500	
	Cash			1,500
	(Paid creditors on account)			
29	Cash.....		400	
	Accounts Receivable			400
	(Received cash in payment of account)			
30	Cash.....		1,000	
	Unearned Service Revenue			1,000
	(Received cash for future services)			

EXERCISE 2-12 (Continued)

(b) **SANTANA LANDSCAPING COMPANY**
Trial Balance
April 30, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$10,080	
Accounts Receivable.....	2,800	
Supplies	1,800	
Accounts Payable.....		\$ 300
Unearned Service Revenue.....		1,000
Common Stock		10,000
Service Revenue		4,100
Salaries and Wages Expense	720	
	<u>\$15,400</u>	<u>\$15,400</u>

(Tot. credits = Accts. pay. + Unearn. serv. rev. + Com. stk. + Serv. rev.)

LO 2, 4 BT: AP Difficulty: Moderate TOT: 10 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-13

(a) Oct. 1	Cash.....	5,000	
	Common Stock.....		5,000
	(Issued common stock for cash)		
10	Cash.....	730	
	Service Revenue		730
	(Received cash for services provided)		
10	Cash.....	3,000	
	Notes Payable		3,000
	(Obtained loan from bank)		
20	Cash.....	500	
	Accounts Receivable		500
	(Received cash in payment of account)		
20	Accounts Receivable.....	910	
	Service Revenue		910
	(Billed clients for services provided)		

EXERCISE 2-13 (Continued)

(b)

HIGGS CO.
Trial Balance
October 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$ 8,250	
Accounts Receivable.....	1,210	
Supplies.....	400	
Equipment	2,000	
Notes Payable		\$ 3,000
Accounts Payable		500
Common Stock		7,000
Dividends	300	
Service Revenue		2,440
Salaries and Wages Expense.....	500	
Rent Expense.....	280	
	<u>\$12,940</u>	<u>\$12,940</u>

(Tot. credits = Notes pay. + Accts. pay. + Com. stk. + Serv. rev.)

LO 2, 4 BT: AP Difficulty: Moderate TOT: 12 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-14

(a)

General Journal				J1
Date	Account Titles and Explanation	Ref.	Debit	Credit
Sept. 1	Cash.....	101	10,000	
	Common Stock.....	311		10,000
5	Equipment	157	12,000	
	Cash	101		4,000
	Accounts Payable	201		8,000
25	Accounts Payable	201	2,400	
	Cash	101		2,400
30	Dividends.....	332	500	
	Cash	101		500

EXERCISE 2-14 (Continued)

(b)

Cash					No. 101
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1		J1	10,000		10,000
5		J1		4,000	6,000
25		J1		2,400	3,600
30		J1		500	3,100

Equipment					No. 157
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1	12,000		12,000

Accounts Payable					No. 201
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1		8,000	8,000
25		J1	2,400		5,600

Common Stock					No. 311
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1		J1		10,000	10,000

Dividends					No. 332
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 30		J1	500		500

LO 2, 3 BT: AP Difficulty: Moderate TOT: 12 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-15

<u>Error</u>	<u>(a) In Balance</u>	<u>(b) Difference</u>	<u>(c) Larger Column</u>
1.	No	\$450	Debit
2.	Yes	—	—
3.	Yes	—	—
4.	No	300	Credit
5.	Yes	—	—
6.	No	27	Debit

LO 4 BT: AN Difficulty: Moderate TOT: 6 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-16

TIME IS MONEY DELIVERY SERVICE Trial Balance July 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash (\$90,907 – Debit total without Cash \$69,340)	\$21,567	
Accounts Receivable	10,642	
Prepaid Insurance	1,968	
Equipment.....	49,360	
Notes Payable.....		\$26,450
Accounts Payable.....		8,396
Salaries and Wages Payable		815
Common Stock		40,000
Retained Earnings		4,636
Dividends	700	
Service Revenue.....		10,610
Salaries and Wages Expense	4,428	
Maintenance and Repairs Expense.....	961	
Gasoline Expense.....	758	
Utilities Expense.....	523	
	<u>\$90,907</u>	<u>\$90,907</u>

LO 4 BT: AP Difficulty: Easy TOT: 10 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

EXERCISE 2-17
(a)

Date		Account Titles	Debit	Credit
Oct.	1	Cash	66,000	
		Common Stock.....		66,000
	2	No entry		
	4	Rent Expense.....	2,000	
		Cash.....		2,000
	7	Equipment.....	18,000	
		Cash.....		4,000
		Accounts Payable		14,000
	8	Advertising Expense	500	
		Cash.....		500
	10	Maintenance and Repairs Expense	390	
		Accounts Payable		390
	12	Accounts Receivable.....	3,200	
		Service Revenue		3,200
	16	Supplies	410	
		Accounts Payable		410
	21	Accounts Payable.....	14,000	
		Cash.....		14,000
	24	Utilities Expense.....	148	
		Cash.....		148
	27	Cash	3,200	
		Accounts Receivable		3,200
	31	Salaries and Wages Expense	5,100	
		Cash.....		5,100

EXERCISE 2-17 (Continued)

(b)

Cash

10/1	66,000	10/4	2,000
10/27	3,200	10/7	4,000
		10/8	500
		10/21	14,000
		10/24	148
		10/31	5,100
Bal.	43,452		

Accounts Receivable

10/12	3,200	10/27	3,200

Supplies

10/16	410	
Bal.	410	

Equipment

10/7	18,000	
Bal.	18,000	

Accounts Payable

10/21	14,000	10/7	14,000
		10/10	390
		10/16	410
		Bal.	800

Common Stock

	10/1	66,000
	Bal.	66,000

Service Revenue

	10/12	3,200
	Bal.	3,200

Advertising Expense

10/8	500	
Bal.	500	

Salaries and Wages Expense

10/31	5,100	
Bal.	5,100	

Maintenance & Repairs Expense

10/10	390	
Bal.	390	

Rent Expense

10/4	2,000	
Bal.	2,000	

Utilities Expense

10/24	148	
Bal.	148	

EXERCISE 2-17 (Continued)

(c)

BEYERS CORPORATION Trial Balance October 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$43,452	
Supplies.....	410	
Equipment	18,000	
Accounts Payable		\$ 800
Common Stock		66,000
Service Revenue		3,200
Advertising Expense	500	
Salaries and Wages Expense.....	5,100	
Maintenance and Repairs Expense	390	
Rent Expense	2,000	
Utilities Expense	148	
	<u>\$70,000</u>	<u>\$70,000</u>

(Tot. credits = Accts. pay. + Com. stk. + Serv. rev.)

LO 2, 3, 4 BT: AP Difficulty: Hard TOT: 20 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

SOLUTIONS TO PROBLEMS

PROBLEM 2-1A

			J1	
Date	Account Titles and Explanation	Ref.	Debit	Credit
Apr. 1	Cash		50,000	
	Common Stock			50,000
	(Issued common stock			
	for cash)			
4	Land.....		34,000	
	Cash			34,000
	(Purchased land for cash)			
8	Advertising Expense		1,800	
	Accounts Payable.....			1,800
	(Incurred advertising			
	expense on account)			
11	Salaries and Wages Expense		1,500	
	Cash			1,500
	(Paid salaries)			
12	No entry—Not a transaction.			
13	Prepaid Insurance		2,400	
	Cash			2,400
	(Paid for one-year			
	insurance policy)			
17	Dividends		1,400	
	Cash			1,400
	(Declared and paid cash			
	dividends)			
20	Cash		5,700	
	Service Revenue.....			5,700
	(Received cash for services			
	provided)			

PROBLEM 2-1A (Continued)

Date	Account Titles and Explanation	Ref.	Debit	Credit
Apr. 25	Cash		3,000	
	Unearned Service Revenue			3,000
	(Received cash for future services)			
30	Cash		8,900	
	Service Revenue.....			8,900
	(Received cash for services provided)			
30	Accounts Payable		840	
	Cash			840
	(Paid creditor on account)			

LO 2 BT: AP Difficulty: Easy TOT: 25 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

PROBLEM 2-2A

(a)

				J1
Date	Account Titles and Explanation	Ref.	Debit	Credit
May 1	Cash	101	20,000	
	Common Stock	311		20,000
	(Issued common stock for cash)			
2	No entry—not a transaction.			
3	Supplies	126	1,500	
	Accounts Payable.....	201		1,500
	(Purchased supplies on account)			
7	Rent Expense.....	729	900	
	Cash	101		900
	(Paid office rent)			
11	Accounts Receivable	112	2,800	
	Service Revenue.....	400		2,800
	(Billed client for services provided)			
12	Cash	101	3,500	
	Unearned Service Revenue.....	209		3,500
	(Received cash for future services)			
17	Cash	101	1,200	
	Service Revenue.....	400		1,200
	(Received cash for services provided)			
31	Salaries and Wages Expense	726	2,000	
	Cash	101		2,000
	(Paid salaries)			

PROBLEM 2-2A (Continued)

Date	Account Titles and Explanation	Ref.	Debit	Credit
May 31	Accounts Payable (\$1,500 X 40%).....	201	600	
	Cash	101		600
	(Paid creditor on account)			

(b)

Cash					No. 101
Date	Explanation	Ref.	Debit	Credit	Balance
May 1		J1	20,000		20,000
7		J1		900	19,100
12		J1	3,500		22,600
17		J1	1,200		23,800
31		J1		2,000	21,800
31		J1		600	21,200

Accounts Receivable					No. 112
Date	Explanation	Ref.	Debit	Credit	Balance
May 11		J1	2,800		2,800

Supplies					No. 126
Date	Explanation	Ref.	Debit	Credit	Balance
May 3		J1	1,500		1,500

Accounts Payable					No. 201
Date	Explanation	Ref.	Debit	Credit	Balance
May 3		J1		1,500	1,500
31		J1	600		900

Unearned Service Revenue					No. 209
Date	Explanation	Ref.	Debit	Credit	Balance
May 12		J1		3,500	3,500

PROBLEM 2-2A (Continued)

Common Stock No. 311

Date	Explanation	Ref.	Debit	Credit	Balance
May 1		J1		20,000	20,000

Service Revenue No. 400

Date	Explanation	Ref.	Debit	Credit	Balance
May 11		J1		2,800	2,800
17		J1		1,200	4,000

Salaries and Wages Expense No. 726

Date	Explanation	Ref.	Debit	Credit	Balance
May 31		J1	2,000		2,000

Rent Expense No. 729

Date	Explanation	Ref.	Debit	Credit	Balance
May 7		J1	900		900

(c) **JULIA DUMARS, INC.**
Trial Balance
May 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$21,200	
Accounts Receivable.....	2,800	
Supplies.....	1,500	
Accounts Payable		\$ 900
Unearned Service Revenue.....		3,500
Common Stock		20,000
Service Revenue		4,000
Salaries and Wages Expense.....	2,000	
Rent Expense	900	
	<u>\$28,400</u>	<u>\$28,400</u>

(Tot. credits = Accts. pay. + Unearn. serv. rev. + Com. stk. + Serv. rev.)

LO2,3,4 BT: AP Difficulty: Easy TOT: 35 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

PROBLEM 2-3A

(a) & (c)

Cash			
Bal.	8,000		
		(1)	1,000
		(3)	1,700
(4)	13,000		
		(5)	14,400
(6)	5,000		
		(7)	3,000
		(8)	1,600
Bal.	4,300		

Accounts Receivable			
Balance	15,000		
		(4)	13,000
(6)	9,000		
Bal.	11,000		

Supplies			
Bal.	11,000		
(2)	3,600		
Bal.	14,600		

Prepaid Rent			
Bal.	3,000		
Bal.	3,000		

Equipment			
Bal.	21,000		
	21,000		

Accounts Payable			
		Bal.	17,000
		(2)	3,600
(5)	14,400		
		Bal.	6,200

Common Stock

	Bal.	30,000
		30,000

Retained Earnings

	Bal.	11,000
	Bal.	11,000

Dividends

(8)	1,600	
	1,600	

Service Revenue

	(6)	14,000
	Bal.	14,000

Advertising Expense

(1)	1,000	
	1,000	

Miscellaneous Expense

(3)	1,700	
Bal.	1,700	

Salaries and Wages Expense

(7)	3,000	
Bal.	3,000	

PROBLEM 2-3A (Continued)**(b)**

Trans.	Account Titles and Explanation	Debit	Credit
1.	Advertising Expense..... Cash	1,000	1,000
2.	Supplies	3,600	
	Accounts Payable		3,600
3.	Miscellaneous Expense	1,700	
	Cash		1,700
4.	Cash	13,000	
	Accounts Receivable		13,000
5.	Accounts Payable	14,400	
	Cash		14,400
6.	Cash	5,000	
	Accounts Receivable	9,000	
	Service Revenue		14,000
7.	Salaries and Wages Expense	3,000	
	Cash		3,000
8.	Dividends	1,600	
	Cash		1,600

PROBLEM 2-3A (Continued)

(d) **TABLETTE REPAIR SERVICE, INC.**
Trial Balance
January 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$ 4,300	
Accounts Receivable.....	11,000	
Supplies.....	14,600	
Prepaid Rent.....	3,000	
Equipment.....	21,000	
Accounts Payable.....		\$ 6,200
Common Stock.....		30,000
Retained Earnings.....		11,000
Dividends.....	1,600	
Service Revenue.....		14,000
Advertising Expense.....	1,000	
Miscellaneous Expense.....	1,700	
Salaries and Wages Expense.....	3,000	
	<u>\$61,200</u>	<u>\$61,200</u>

(Tot. credits = Accts. pay. + Com. stk. + Ret. earn. + Serv. rev.)

LO 2, 3, 4 BT: AP Difficulty: Moderate TOT: 45 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

PROBLEM 2-4A

DOMINIC COMPANY **Trial Balance** **May 31, 2019**

	<u>Debit</u>	<u>Credit</u>
Cash (\$3,850 + \$520 – \$405)	\$ 3,965	
Accounts Receivable (\$2,570 – \$420)	2,150	
Prepaid Insurance (\$700 + \$100)	800	
Supplies (\$0 + \$520)	520	
Equipment (\$12,000 – \$520)	11,480	
Accounts Payable (\$4,500 – \$100 + \$520 – \$420)		\$ 4,500
Unearned Service Revenue		560
Common Stock (\$11,700 + \$1,000)		12,700
Dividends (\$0 + \$1,000)	1,000	
Service Revenue		8,960
Salaries and Wages Expense (\$4,200 + \$200)	4,400	
Advertising Expense (\$1,100 + \$405)	1,505	
Utilities Expense (\$800 + \$100)	900	
	<u>\$26,720</u>	<u>\$26,720</u>

(Tot. credits = Accts. pay. + Unearn. serv. rev. + Com. stk. + Serv. rev.)

(Tot. credits = \$4,500 + \$560 + \$12,700 + \$8,960)

LO 4 BT: AN Difficulty: Moderate TOT: 35 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

PROBLEM 2-5A

(a) & (c)

Cash	No. 101
-------------	----------------

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1	Balance	✓			6,000
2		J1		800	5,200
9		J1	1,800		7,000
10		J1		3,000	4,000
12		J1		320	3,680
25		J1	5,200		8,880
29		J1		1,600	7,280
30		J1	90		7,370
30		J1		1,000	6,370

Accounts Receivable	No. 112
----------------------------	----------------

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 30		J1	90		90

Prepaid Rent	No. 136
---------------------	----------------

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 30		J1	1,000		1,000

Land	No. 140
-------------	----------------

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1	Balance	✓			12,000

Buildings	No. 145
------------------	----------------

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1	Balance	✓			8,000

PROBLEM 2-5A (Continued)**Equipment** **No. 157**

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1	Balance	✓			6,000

Accounts Payable **No. 201**

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1	Balance	✓			2,000
10		J1	1,000		1,000
20		J1		950	1,950

Mortgage Payable **No. 275**

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1	Balance	✓			10,000
10		J1	2,000		8,000

Common Stock **No. 311**

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1	Balance	✓			20,000

Service Revenue **No. 400**

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 9		J1		1,800	1,800
25		J1		5,200	7,000

Rent Revenue **No. 429**

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 30		J1		180	180

PROBLEM 2-5A (Continued)

Advertising Expense No. 610

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 12		J1	320		320

Salaries and Wages Expense No. 726

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 29		J1	1,600		1,600

Rent Expense No. 729

Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 2		J1	800		800
20		J1	950		1,750

(b)

					J1
Date	Account Titles and Explanation	Ref.	Debit	Credit	
Apr. 2	Rent Expense	729	800		
	Cash	101		800	
	(Paid film rental)				
3	No entry—not a transaction.				
9	Cash	101	1,800		
	Service Revenue	400		1,800	
	(Received cash for services provided)				
10	Mortgage Payable	275	2,000		
	Accounts Payable	201	1,000		
	Cash	101		3,000	
	(Made payments on mortgage and accounts payable)				

PROBLEM 2-5A (Continued)

Date	Account Titles and Explanation	Ref.	Debit	Credit
Apr. 11	No entry—not a transaction.			
12	Advertising Expense	610	320	
	Cash	101		320
	(Paid advertising expenses)			
20	Rent Expense	729	950	
	Accounts Payable	201		950
	(Rented film on account)			
25	Cash	101	5,200	
	Service Revenue.....	400		5,200
	(Received cash for services provided)			
29	Salaries and Wages Expense	726	1,600	
	Cash	101		1,600
	(Paid salaries expense)			
30	Cash	101	90	
	Accounts Receivable	112	90	
	Rent Revenue	429		180
	(18% X \$1,000)			
	(Received cash and balance on account for concession revenue)			
30	Prepaid Rent.....	136	1,000	
	Cash	101		1,000
	(Paid cash for future film rentals)			

PROBLEM 2-5A (Continued)

**(d) PALACE THEATER
Trial Balance
April 30, 2019**

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$ 6,370	
Accounts Receivable.....	90	
Prepaid Rent.....	1,000	
Land	12,000	
Buildings	8,000	
Equipment	6,000	
Accounts Payable		\$ 1,950
Mortgage Payable		8,000
Common Stock		20,000
Service Revenue		7,000
Rent Revenue		180
Advertising Expense	320	
Salaries and Wages Expense.....	1,600	
Rent Expense	1,750	
	<u>\$37,130</u>	<u>\$37,130</u>

(Tot. credits = Accts. pay. + Mortg. Pay. + Com. stk. + Serv. rev. + Rent rev.)

LO 2, 3, 4 BT: AP Difficulty: Moderate TOT: 45 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

(a)	(1) Increase Side	(1) Decrease Side	(2) Normal Balance
<u>Account</u>			
Accounts Payable	Credit	Debit	Credit
Accounts Receivable	Debit	Credit	Debit
Property, Plant, and Equipment	Debit	Credit	Debit
Cash and Cash Equivalents	Debit	Credit	Debit
Research and Development Expense	Debit	Credit	Debit
Inventories	Debit	Credit	Debit

- (b) 1. Cash is increased.
 2. Cash is decreased.
 3. Cash is decreased or Accounts Payable is increased.

- (c) 1. Cash is decreased or Accounts Payable is increased.
 2. Cash is decreased or Notes or Mortgage Payable is increased.

LO 1 BT: C Difficulty: Easy TOT: 8 min. AACSB: None AICPA FC: Reporting IMA: Reporting

	<u>PepsiCo</u>		<u>Coca-Cola</u>	
(a)	1. Inventory:	debit	1. Accounts Receivable:	debit
	2. Property, Plant & Equipment:	debit	2. Cash and Cash Equivalents:	debit
	3. Accounts Payable:	credit	3. Cost of Goods Sold(expense):	debit
	4. Interest Expense:	debit	4. Sales (revenue)	credit

(b)

1. Increase in Accounts Receivable: Service Revenue or Sales Revenue is increased (credited).
2. Decrease in Salaries and Wages Payable: Cash is decreased (credited).
3. Increase in Property, Plant and Equipment: Cash is decreased (credited) or Accounts Payable or Notes payable is increased (credited).
4. Increase in Interest Expense: Cash is decreased (credited) or Interest Payable is increased (credited).

LO 1, 2 BT: AN Difficulty: Easy TOT: 8 min. AACSB: None AICPA FC: Reporting IMA: Reporting

	<u>Amazon</u>		<u>Wal-Mart</u>	
(a)	1. Interest Expense:	debit	1. Product Revenues:	credit
	2. Cash and Cash Equivalents:	debit	2. Inventories:	debit
	3. Accounts Payable:	credit	3. Cost of Sales:	debit

(b) The following other accounts are ordinarily involved:

1. Increase in Accounts Receivable: Service Revenue or Sales Revenue is increased (credited).
2. Increase in Interest Expense: Cash is decreased (credited) or Interest Payable is increased (credited).
3. Decrease in Salaries and Wages Payable: Cash is decreased (credited).
4. Increase in Service Revenue: Cash or Accounts Receivable is increased (debited).

LO 1, 2 BT: AN Difficulty: Easy TOT: 8 min. AACSB: None AICPA FC: Reporting IMA: Reporting

The answer is dependent upon the company selected by the student.

LO N/A BT: AP, S Difficulty: Moderate TOT: 20 min. AACSB: Analytic, Technology AICPA PC: Communication IMA: Information Management

- (a) The reason the Green Bay Packers' issue an annual report is because they are a publicly owned, nonprofit company. It issues the report to more than 100,000 shareholders who hold shares. None of the other teams are publicly owned, so they have no obligation to make their financial information available except to their small group of owners.
- (b) At the time that the article was written the owners of the NFL teams and the players' labor union were negotiating a new contract. Knowing how profitable the NFL teams are would be useful information for the players to know so that they would have a better sense of how much the teams could afford to pay. The Packers is obviously a "small market" team; it is not necessarily representative of teams in general. However, the Packers' annual report does give the players some sense of the profitability of other teams.
- (c) Since some of the cost of the stadium that the Packers play in is covered by taxpayers, the county and state government has an interest in the team's finances.
- (d) The Packers' revenues increased during recent years. However, because the cost of players' salaries increased at a faster rate than revenues, the Packers' operating profit actually declined.

LO N/A BT: AP, S Difficulty: Moderate TOT: 20 min. AACSB: Analytic, Technology AICPA PC: Communication

IMA: Information Management

(a) May 1 Correct.

5 Correct.

7	Cash	300	
	Unearned Service Revenue.....		300

14	Equipment.....	800	
	Cash.....		800

15	Dividends	400	
	Cash.....		400

20	Cash	184	
	Service Revenue		184

30 Correct.

31	Supplies	1,700	
	Accounts Payable.....		1,700

(b) The errors in the entries of May 14 and 20 would prevent the trial balance from balancing.

(c)	Net income as reported	\$4,500
	Add: 5/15, Salaries expense (Dividends paid)	<u>400</u>
		4,900
	Less: 5/7, Boarding revenue unearned.....	<u>300</u>
	Correct net income	<u>\$4,600</u>

(d)	Cash as reported.....		\$12,475
	Add: 5/20, Transposition error	\$ 36	
	5/31, Purchase on account.....	<u>1,700</u>	<u>1,736</u>
			<u>\$14,211</u>

LO 2, 4 BT: AN Difficulty: Hard TOT: 45 min. AACSB: Analytic AICPA FC: Reporting IMA: Reporting

Date: May 25, 2019

To: Accounting Instructor

From: Student

In the first transaction, bills totaling \$6,000 were sent to customers for services performed. Therefore, the asset Accounts Receivable is increased \$6,000 and the revenue Service Revenue is increased \$6,000. Debits increase assets and credits increase revenues, so the journal entry is:

Accounts Receivable	6,000	
Service Revenue		6,000
(Billed customers for services performed)		

The \$6,000 amount is then posted to the debit side of the general ledger account Accounts Receivable and to the credit side of the general ledger account Service Revenue.

In the second transaction, \$2,000 was paid in salaries to employees. Therefore, the expense Salaries and Wages Expense is increased \$2,000 and the asset Cash is decreased \$2,000. Debits increase expenses and credits decrease assets, so the journal entry is:

Salaries and Wages Expense	2,000	
Cash		2,000
(Salaries and wages paid)		

The \$2,000 amount is then posted to the debit side of the general ledger account Salaries and Wages Expense and to the credit side of the general ledger account Cash.

LO 2 BT: AP Difficulty: Easy TOT: 10 min. AACSB: Analytic, Communication AICPA FC: Reporting AICPA PC: Communication IMA: Reporting

(a) The stakeholders in this situation are:

- ▶ Meredith Ward, assistant chief accountant.
- ▶ Users of the company's financial statements.
- ▶ The Frazier Company.

(b) By adding \$1,000 to the Equipment account, that account total is intentionally misstated. By not locating the error causing the imbalance, some other account may also be misstated by \$1,000. If the amount of \$1,000 is determined to be immaterial, and the intent is not to commit fraud (cover up an embezzlement or other misappropriation of assets), Meredith's action might not be considered unethical in the preparation of interim financial statements. However, if Meredith is violating a company accounting policy by her action, then she is acting unethically.

(c) Meredith's alternatives are:

- 1. Miss the deadline but find the error causing the imbalance.**
- 2. Tell her supervisor of the imbalance and suffer the consequences.**
- 3. Do as she did and locate the error later, making the adjustment in the next quarter.**

LO 4 BT: E Difficulty: Moderate TOT: 10 min. AACSB: Ethics AICPA PC: Professional Demeanor IMA: Business Applications

The decision whether to fire Mr. Edmondson was the responsibility of Radio Shack's board of directors, which is elected by the company's shareholders to oversee management. The board initially announced its support for the CEO. After further investigation, the board encouraged Mr. Edmondson to resign, which he did. In contrast, when Bausch & Lomb's CEO offered to resign in a similar situation, the company's board refused to accept his resignation. Board members stated that they felt he was still the best person for the position.

Radio Shack says that although it did a reference check at the time of Mr. Edmondson's hiring, it did not check his educational credentials. Under the Sarbanes-Oxley Act, companies must now perform thorough background checks as part of a check of internal controls. The bottom line: your résumé must be a fair and accurate depiction of your past.

LO A/N BT: E Difficulty: Moderate TOT: 10 min. AACSB: Ethics AICPA PC: Professional Demeanor IMA: Business Applications

- (a) Students' responses to this question will vary. It is important that the steps that they identify be as specific as possible, and clearly directed toward achieving their goal. You may wish to ask a follow-up question asking them to explain how each step will assist them in achieving their goal.
- (b) There are many sites on the Internet that provide information about preparing a résumé. For example, you can find extensive resources at: <http://www.rileyguide.com/resprep.html>. Many schools also have resources in their placement centers or writing labs. The Writing Center at Rensselaer Polytechnic Institute provides useful, concise information on its website at <http://www.ccp.rpi.edu/resources/careers-and-graduate-school/resumes>. A wide variety of sample résumés can be found. For example, Monster.com provides samples for a wide variety of professions and situations at <http://www.career-advice.monster.com/resumes-cover-letters/resume-samples/jobs.aspx>.
- (c) It is important to provide accurate and complete documentation of all relevant training, education, and employment experiences so as to provide assurance to the potential employer, and also to enable that employer to do follow-up work. If you say you have certain skills, such as computer skills, try to substantiate the claim with recognized proof of proficiency. Make sure that all addresses and phone numbers are accurate and up-to-date. Also, ensure that the people you use as references have a copy of your résumé and cover letter, and that they are informed that you are interviewing so they know to expect a call.
- (d) See the sample résumés provided in the websites above for various format options. You might also mention to students that there are electronic résumé templates available on the Internet.

LO N/A BT: E Difficulty: Moderate TOT: 45 min. AACSB: Communication, Reflective Thinking AICPA PC: Communication IMA: Information Management

- (a) The existence of three different forms of certification would most likely create confusion for coffee purchasers. It would be difficult to know what aspects of the coffee growing process each certification covered. Similarly, if there were multiple groups that certified financial statements, each with different criteria, it would be difficult for financial statement users to know what each certification promised.
- (b) The Starbucks certification appears to be the most common in that area. It has the advantage of having a direct link to the Starbucks coffee market. Although it does not guarantee that Starbucks will buy its coffee, it is a requirement that must be met before Starbucks will buy somebody's coffee. Note that the article states that the Starbucks certification "Incorporates elements of social responsibility and environmental leadership, but quality of coffee is the first criteria." The Smithsonian Bird Friendly is considered to have the strictest requirements and, as a result, appears to be the least common.
- (c) The certifications have multiple objectives including organic farming as a means to protect bird species, biodiversity and wildlife habitat. Some included requirements are to improve workers' living conditions, such as providing running water in worker housing, child labor regulations and education requirements. As mentioned above, the Starbucks certification has the potential financial benefit of making Starbucks a potential customer, which can stabilize farmers' earnings. Certifications can also be financially beneficial because companies can benefit from the positive relations effects of either producing or buying coffee produced using sustainable practices.

LO N/A BT: S Difficulty: Moderate TOT: 40 min. AACSB: Communication, Technology AICPA PC: Communication
IMA: Information Management

IFRS 2-1 INTERNATIONAL FINANCIAL REPORTING PROBLEM

Account	Financial Statement	Position in Financial Statement
(a) Other operating income and expenses	Consolidated Income statement	After gross margin and before operating profit
(b) Cash and cash equivalents	Consolidated Balance Sheet	Current assets
(c) Trade accounts payable	Consolidated Balance Sheet	Current liabilities
(d) Cost of net financial debt	Consolidated Income Statement	After Operating profit and before net profit before minority interests.

LO N/A BT: AN Difficulty: Easy TOT: 15 min. AACSB: Analytic, Diversity AICPA FC: Reporting AICPA BB: International/Global IMA: Reporting

CHAPTER 2

The Recording Process

LEARNING OBJECTIVES

- 1. DESCRIBE HOW ACCOUNTS, DEBITS, AND CREDITS ARE USED TO RECORD BUSINESS TRANSACTIONS.**
- 2. INDICATE HOW A JOURNAL IS USED IN THE RECORDING PROCESS.**
- 3. EXPLAIN HOW A LEDGER AND POSTING HELP IN THE RECORDING PROCESS.**
- 4. PREPARE A TRIAL BALANCE.**
- 5. COMPARE THE PROCEDURES FOR THE RECORDING PROCESS UNDER GAAP AND IFRS.**

CHAPTER REVIEW

The Account

1. (L.O. 1) An **account** is an individual accounting record of increases and decreases in a specific asset, liability, or stockholders' equity item.
2. In its simplest form, an account consists of (a) the title of the account, (b) a left or debit side, and (c) a right or credit side. The alignment of these parts resembles the letter T, and therefore the account form is called a **T-account**.

Debits and Credits

3. The terms **debit** and **credit** mean left and right, respectively.
 - a. The act of entering an amount on the left side of an account is called **debiting** the account and making an entry on the right side is **crediting** the account.
 - b. When the debit amounts exceed the credits, an account has a **debit balance**; when the reverse is true, the account has a **credit balance**.
4. In a **double-entry** system, equal debits and credits are made in the accounts for each transaction. Thus, the total debits will always equal the total credits.
5. The effects of debits and credits on **assets** and **liabilities** and the normal balances are:

<u>Accounts</u>	<u>Debits</u>	<u>Credits</u>	<u>Normal Balance</u>
Assets	Increase	Decrease	Debit
Liabilities	Decrease	Increase	Credit

6. Accounts are kept for each of the five subdivisions of stockholders' equity: Common Stock, Retained Earnings, Dividends, Revenues, and Expenses.
7. The effects of debits and credits on the stockholders' equity accounts and the normal balances are:

<u>Accounts</u>	<u>Debits</u>	<u>Credits</u>	<u>Normal Balance</u>
Common Stock	Decrease	Increase	Credit
Retained Earnings	Decrease	Increase	Credit
Dividends	Increase	Decrease	Debit
Revenues	Decrease	Increase	Credit
Expenses	Increase	Decrease	Debit

8. The expanded basic equation is:

$$\text{Assets} = \text{Liabilities} + \text{Common Stock} + \text{Retained Earnings} + \text{Revenues} - \text{Expenses} - \text{Dividends}$$

The Recording Process

9. (L.O. 2) The basic steps in the recording process are:
 - a. Analyze each transaction for its effect on the accounts.
 - b. Enter the transaction information in a **journal**.
 - c. Transfer the journal information to the appropriate accounts in the **ledger**.

The Journal

10. Transactions are initially recorded in a journal.
 - a. A journal is referred to as a book of original entry.
 - b. A **general journal** is the most basic form of journal.
11. The journal makes several significant contributions to the recording process:
 - a. It discloses in one place the complete effect of a transaction.
 - b. It provides a chronological record of transactions.
 - c. It helps to prevent or locate errors because the debit and credit amounts for each entry can be readily compared.
12. Entering transaction data in the journal is known as **journalizing**. When only two accounts are required for a journal entry it is referred to as a **simple entry**. If three or more accounts are required in one journal entry, the entry is known as a **compound entry**.

The Ledger

13. (L.O. 3) The **general ledger** is the entire group of accounts maintained by a company. It keeps in one place all the information about changes in account balances and it is a source of useful data for management.
14. The **standard form of a ledger account** has three columns and the balance in the account is determined after each transaction.
15. **Posting** is the procedure of transferring journal entries to the ledger accounts. The following steps are used in posting:
 - a. In the ledger, in the appropriate columns of the account(s) debited, enter the date, journal page, and debit amount shown in the journal.
 - b. In the reference column of the journal, write the account number to which the debit amount was posted.
 - c. Perform the same steps in a. and b. for the credit amount.

The Chart of Accounts

16. A **chart of accounts** is a listing of the accounts and the account numbers which identify their location in the ledger. The numbering system usually starts with the balance sheet accounts and follows with the income statement accounts.

The Recording Process

17. The basic steps in the recording process are illustrated as follows:

Transaction On September 4, Fesmire Inc. pays \$3,000 cash to a creditor in full payment of the balance due.

Basic analysis The liability Accounts Payable is decreased \$3,000, and the asset Cash is decreased \$3,000.

Debit-credit analysis Debits decrease liabilities: debit Accounts Payable \$3,000.
Credits decrease assets: credit Cash \$3,000.

Journal entry	Sept. 4	Accounts Payable	201	3,000	
		Cash (Paid creditor in full)	101		3,000

Posting	Cash		1	Accounts Payable		201
		Sept. 4	3,000	Sept. 4	3,000	

The Trial Balance

18. (L.O. 4) A **trial balance** is a list of accounts and their balances at a given time. The trial balance proves the mathematical equality of the debits and credits after posting.
19. A trial balance does not prove that the company has recorded all transactions or that the ledger is correct because the trial balance may still balance when
 - a. a transaction is not journalized.
 - b. a correct journal entry is not posted.
 - c. an entry is posted twice.
 - d. incorrect accounts are used in journalizing or posting.
 - e. offsetting errors are made in recording the amount of a transaction.

A Look at IFRS

20. (L. O. 5) The following are the key similarities and differences between GAAP and IFRS as related to the recording process.
 - a. Similarities:
 - (1) Transaction analysis is the same under IFRS and GAAP.
 - (2) Both the IASB and the FASB go beyond the basic definitions for assets, liabilities, equity, revenues, and expenses.
 - (3) Currency signs are typically used only in the trial balance and the financial statements under both IFRS and GAAP.
 - (4) The format of the trial balance is the same under IFRS and GAAP.
 - b. Differences:
 - (1) IFRS relies less on historical cost and more on fair value than do FASB standards.
 - (2) Many non-U.S. companies have never completely documented their system of internal controls nor had an independent auditor attest to their effectiveness.

LECTURE OUTLINE

A. The Account.

An account is an accounting record of increases and decreases in a specific asset, liability, or stockholders' equity item.

An account consists of three parts:

1. A title.
2. A left or debit side.
3. A right or credit side.

B. Debits and Credits.

The terms debit and credit are directional signals: Debit indicates left, and credit indicates right.

1. Assets, dividends, and expenses are increased by debits and decreased by credits.
2. Liabilities, common stock, retained earnings, and revenues are increased by credits and decreased by debits.

C. The Recording Process.

Businesses use three basic steps in the recording process:

1. Analyze each transaction for its effects on the accounts.
2. Enter the transaction information in a journal.
3. Transfer the journal information to the appropriate accounts in the ledger.

D. The General Journal/Journalizing.

Entering transaction data in the general journal is called journalizing.

The general journal:

1. Discloses in one place the complete effects of a transaction.
2. Provides a chronological record of transactions.
3. Helps to prevent or locate errors because the debit and credit amounts for each entry can be easily compared.
4. A simple journal entry involves only two accounts (one debit and one credit) whereas a compound journal entry involves three or more accounts.

E. The Ledger.

The ledger is the entire group of accounts maintained by a company. A general ledger contains all the assets, liabilities, and stockholders' equity accounts.

1. The ledger provides the balance in each of the accounts as well as keeps track of changes in these balances.
2. Companies arrange the ledger in the sequence in which they present the accounts in the financial statements, beginning with the balance sheet accounts.

F. Posting/Chart of Accounts.

1. Posting is transferring journal entries to the ledger accounts.
2. Posting involves the following steps:
 - a. In the ledger, in the appropriate columns of the account(s) debited, enter the date, journal page, and debit amount shown in the journal.
 - b. In the reference column of the journal, write the account number to which the debit amount was posted.
 - c. In the ledger, in the appropriate columns of the account(s) credited, enter the date, journal page, and credit amount shown in the journal.
 - d. In the reference column of the journal, write the account number to which the credit amount was posted.
3. A chart of accounts lists the accounts and the account numbers that identify their location in the ledger. Accounts are usually numbered starting with the balance sheet accounts followed by income statement accounts.

G. Trial Balance.

A trial balance is a list of accounts and their balances at a given time.

1. It proves the mathematical equality of debits and credits after posting.
2. It may also uncover errors in journalizing and posting.
3. It is useful in the preparation of financial statements.

IFRS

A Look At IFRS

International companies use the same set of procedures and records to keep track of transaction data. Thus, the material in Chapter 2 dealing with the account, general rules of debit and credit, and steps in the recording process—the journal, ledger, and chart of accounts—is the same under both GAAP and IFRS.

KEY POINTS

Similarities

- Transaction analysis is the same under IFRS and GAAP.
- Both the IASB and FASB go beyond the basic definitions provided in this textbook for the key elements of financial statements, that is, assets, liabilities, equity, revenues, and expenses. The implications of the expanded definitions are discussed in more advanced accounting courses.
- As shown in the textbook, dollar signs are typically used only in the trial balance and the financial statements. The same practice is followed under IFRS, using the currency of the country that the reporting company is headquartered.
- A trial balance under IFRS follows the same format as shown in the textbook.

Differences

- IFRS relies less on historical cost and more on fair value than due FASB standards.
- Internal controls are a system of checks and balances designed to prevent and detect fraud and errors. While most public U. S. companies have these systems in place, many non-U. S. companies have never completely documented the controls nor had an independent auditor attest to their effectiveness.

LOOKING TO THE FUTURE

The basic recording process shown in this textbook is followed by companies across the globe. It is unlikely to change in the future. The definitional structure of assets, liabilities, equity, revenues, and expenses may change over time as the IASB and FASB evaluate their overall conceptual framework for establishing accounting standards.

20 MINUTE QUIZ

Circle the correct answer.

True/False

1. Assets are increased by debits and liabilities are decreased by credits.
True False
2. The common stock account is increased by credits.
True False
3. An account will have a credit balance if the total debit amounts exceed the total credit amounts.
True False
4. The ledger is the entire group of accounts maintained by a company.
True False
5. The basic steps in the recording process are (1) to analyze each transaction, (2) to enter the transaction in a journal, and (3) to transfer the journal entry to the appropriate ledger accounts.
True False
6. Transferring journal entries to the ledger accounts is called posting and should be performed in chronological order.
True False
7. $\text{Assets} = \text{liabilities} + \text{common stock} + \text{retained earnings} + \text{revenues} - \text{expenses} - \text{dividends}$ is a correct form of the expanded basic accounting equation.
True False
8. In posting, one should enter "J2" in the Post. Ref. Column on page two of the journal.
True False
9. When the columns of the trial balance equal each other, it proves no errors occurred in recording and posting.
True False
10. The double-entry system is possible because all business transactions may be expressed in equal debit and credit entries.
True False

Multiple Choice

1. Transactions are initially recorded in the
 - a. general ledger.
 - b. general journal.
 - c. trial balance.
 - d. balance sheet.
2. The right side of an account is referred to as the
 - a. footing.
 - b. chart side.
 - c. debit side.
 - d. credit side.
3. A purchase of office equipment for cash requires a credit to
 - a. Equipment.
 - b. Cash.
 - c. Accounts Payable.
 - d. Common Stock.
4. The equality of the accounting equation can be proven by preparing a
 - a. trial balance.
 - b. journal.
 - c. general ledger.
 - d. T-account.
5. Which of the following accounts would be increased with a debit?
 - a. Rent Payable
 - b. Common Stock
 - c. Service Revenue
 - d. Dividends

ANSWERS TO QUIZ

True/False

- | | |
|----------|----------|
| 1. False | 6. True |
| 2. True | 7. True |
| 3. False | 8. False |
| 4. True | 9. False |
| 5. True | 10. True |

Multiple Choice

1. b.
2. d.
3. b.
4. a.
5. d.

SOLUTIONS TO EXERCISES—SET B

EXERCISE 2-1B

- 1. False. An account is an accounting record of a specific asset, liability, or stockholders' equity item.**
- 2. False. An account shows increases and decreases in the item it relates to.**
- 3. False. Each asset, liability, and stockholders' equity item has a separate account.**
- 4. False. An account has a left, or debit side, and a right, or credit side.**
- 5. True.**

Transaction	Account Debited				Account Credited			
	(a) Basic Type	(b) Specific Account	(c) Effect	(d) Normal Balance	(a) Basic Type	(b) Specific Account	(c) Effect	(d) Normal Balance
Jan. 2	Asset	Cash	Increase	Debit	Stockholders' Equity	Common Stock	Increase	Credit
3	Asset	Equipment	Increase	Debit	Asset	Cash	Decrease	Debit
9	Asset	Supplies	Increase	Debit	Liability	Accounts Payable	Increase	Credit
11	Asset	Accounts Receivable	Increase	Debit	Stockholders' Equity	Service Revenue	Increase	Credit
16	Stockholders' Equity	Advertising Expense	Increase	Debit	Asset	Cash	Decrease	Debit
20	Asset	Cash	Increase	Debit	Asset	Accounts Receivable	Decrease	Debit
23	Liability	Accounts Payable	Decrease	Credit	Asset	Cash	Decrease	Debit
28	Stockholders' Equity	Dividends	Increase	Debit	Asset	Cash	Decrease	Debit

EXERCISE 2-3B

General Journal				J1
Date	Account Titles and Explanation	Ref.	Debit	Credit
Jan. 2	Cash		15,000	
	Common Stock			15,000
3	Equipment		5,000	
	Cash.....			5,000
9	Supplies		400	
	Accounts Payable.....			400
11	Accounts Receivable		2,400	
	Service Revenue			2,400
16	Advertising Expense.....		250	
	Cash.....			250
20	Cash		800	
	Accounts Receivable.....			800
23	Accounts Payable		250	
	Cash.....			250
28	Dividends.....		1,300	
	Cash.....			1,300

EXERCISE 2-4B

- Oct. 1 Debits increase assets: debit Cash \$18,000.
 Credits increase stockholders' equity: credit Common Stock \$18,000.
- 2 No transaction.
- 3 Debits increase assets: debit Equipment \$1,900.
 Credits increase liabilities: credit Accounts Payable \$1,900.

EXERCISE 2-4B (Continued)

- Oct. 6 Debits increase assets: debit Accounts Receivable \$5,300.
 Credits increase revenues: credit Service Revenue \$5,300.
- 27 Debits decrease liabilities: debit Accounts Payable \$900.
 Credits decrease assets: credit Cash \$900.
- 30 Debits increase expenses: debit Salaries and Wages Expense \$2,500.
 Credits decrease assets: credit Cash \$2,500.

EXERCISE 2-5B

General Journal

Date	Account Titles and Explanation	Ref.	Debits	Credit
Oct. 1	Cash.....		18,000	
	Common Stock			18,000
2	No entry.			
3	Equipment.....		1,900	
	Accounts Payable			1,900
6	Accounts Receivable.....		5,300	
	Service Revenue			5,300
27	Accounts Payable.....		900	
	Cash.....			900
30	Salaries and Wages Expense		2,500	
	Cash.....			2,500

EXERCISE 2-6B

- (a) 1. Increase the asset Cash, increase the liability Notes Payable.
 2. Increase the asset Equipment, decrease the asset Cash.
 3. Increase the asset Supplies, increase the liability Accounts Payable.

(b) 1.	Cash.....	6,000	
	Notes Payable		6,000
2.	Equipment	2,800	
	Cash		2,800
3.	Supplies.....	400	
	Accounts Payable		400

EXERCISE 2-7B

- (a) **Assets = Liabilities + Stockholders' Equity**
 1. + + (Issue stock)
 2. - - (Expense)
 3. + + (Revenue)
 4. - - (Dividends)

(b) 1.	Cash.....	7,000	
	Common Stock.....		7,000
2.	Rent Expense	1,800	
	Cash		1,800
3.	Accounts Receivable	6,800	
	Service Revenue		6,800
4.	Dividends.....	800	
	Cash		800

EXERCISE 2-8B

- False. The general ledger contains all the asset, liability, *and* stockholders' *equity* accounts.
- True.
- False. The accounts in the general ledger are arranged in *financial statement order*: first the assets, then the liabilities, common stock, retained earnings, dividends, revenues, and expenses.
- True.

5. **False. The general ledger is not a book of original entry; transactions are first recorded in the general journal, then in the general ledger.**

EXERCISE 2-9B

(a)

Cash			
Aug. 1	6,000	Aug. 12	3,000
10	2,800		
31	900		
Bal.	6,700		

Notes Payable		
	Aug. 12	2,000

Common Stock		
	Aug. 1	6,000

Accounts Receivable			
Aug. 25	1,500	Aug. 31	900
Bal.	600		

Service Revenue		
	Aug. 10	2,800
	25	1,500
	Bal.	4,300

Equipment	
Aug. 12	5,000

(b)

WILL POST, INVESTMENT BROKER Trial Balance August 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash	\$ 6,700	
Accounts Receivable	600	
Equipment	5,000	
Notes Payable.....		\$ 2,000
Common Stock.....		6,000
Service Revenue		4,300
	<u>\$12,300</u>	<u>\$12,300</u>

EXERCISE 2-10B**(a)****General Journal**

Date	Account Titles and Explanation	Ref.	Debit	Credit
Apr. 1	Cash.....		18,000	
	 Common Stock.....			18,000
	 (Issued shares of stock			
	 for cash)			
12	Cash.....		800	
	 Service Revenue.....			800
	 (Received cash for			
	 services performed)			
15	Salaries and Wages Expense		700	
	 Cash			700
	 (Paid salaries to date)			
25	Accounts Payable.....		1,400	
	 Cash			1,400
	 (Paid creditors on account)			
29	Cash.....		700	
	 Accounts Receivable			700
	 (Received cash in payment			
	 of account)			
30	Cash.....		1,200	
	 Unearned Service Revenue			1,200
	 (Received cash for future			
	 services)			

EXERCISE 2-10B (Continued)

(b) **GARFUNKLE LANDSCAPING COMPANY**
Trial Balance
April 30, 2019

	<u>Debit</u>	<u>Credit</u>
Cash	\$18,600	
Accounts Receivable	3,100	
Supplies	1,900	
Accounts Payable		\$ 500
Unearned Service Revenue		1,200
Common Stock		18,000
Service Revenue		4,600
Salaries and Wages Expense	700	
	<u>\$24,300</u>	<u>\$24,300</u>

EXERCISE 2-11B

(a)	Oct. 1	Cash	5,000	Common Stock	5,000
				(Issued shares of stock for cash)	
	10	Cash	930	Service Revenue	930
				(Received cash for services performed)	
	10	Cash	2,000	Notes Payable	2,000
				(Obtained loan from bank)	
	20	Cash	700	Accounts Receivable	700
				(Received cash in payment of account)	
	20	Accounts Receivable	880	Service Revenue	880
				(Billed clients for services performed)	

EXERCISE 2-11B (Continued)

(b)

GEORGIA CO.
Trial Balance
October 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$ 8,100	
Accounts Receivable.....	980	
Supplies.....	400	
Equipment	2,500	
Notes Payable		\$ 2,000
Accounts Payable		1,300
Common Stock		7,500
Dividends	380	
Service Revenue		2,610
Salaries and Wages Expense.....	700	
Rent Expense.....	350	
	<u>\$13,410</u>	<u>\$13,410</u>

EXERCISE 2-12B

(a)

General Journal

J1

Date	Account Titles and Explanation	Ref.	Debit	Credit
Sept. 1	Cash	101	13,000	
	Common Stock	311		13,000
5	Equipment.....	157	14,000	
	Cash.....	101		4,000
	Accounts Payable.....	201		10,000
25	Accounts Payable.....	201	5,000	
	Cash.....	101		5,000
30	Dividends	332	800	
	Cash.....	101		800

EXERCISE 2-12B (Continued)**(b)****Cash****No. 101**

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1		J1	13,000		13,000
5		J1		4,000	9,000
25		J1		5,000	4,000
30		J1		800	3,200

Equipment**No. 157**

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1	14,000		14,000

Accounts Payable**No. 201**

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1		10,000	10,000
25		J1	5,000		5,000

Common Stock**No. 311**

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1		J1		13,000	13,000

Dividends**No. 332**

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 30		J1	800		800

EXERCISE 2-13B

<u>Error</u>	<u>(a) In Balance</u>	<u>(b) Difference</u>	<u>(c) Larger Column</u>
1.	No	\$400	Debit
2.	Yes	—	—
3.	Yes	—	—
4.	No	500	Credit
5.	Yes	—	—
6.	No	18	Credit

EXERCISE 2-14B

AYALA DELIVERY SERVICE Trial Balance July 31, 2019

	<u>Debit</u>	<u>Credit</u>
Cash (\$77,907 – Debit total without Cash \$62,340)	\$15,567	
Accounts Receivable	8,642	
Prepaid Insurance	1,968	
Equipment.....	45,360	
Notes Payable.....		\$18,450
Accounts Payable.....		6,396
Salaries and Wages Payable		815
Common Stock		35,000
Retained Earnings		4,636
Dividends	700	
Service Revenue.....		12,610
Salaries and Wages Expense	3,428	
Maintenance and Repairs Expense.....	961	
Gasoline Expense.....	758	
Utilities Expense.....	523	
	<u>\$77,907</u>	<u>\$77,907</u>

Chapter Two

Challenge Exercise 1

Expands on: E2-2

LO: 1

Wunderkind Photography entered into the following transactions during February 2019

1. Stockholders invested \$5,000 in the business.
2. Bought photography equipment for a cash payment of \$1,000.
3. Bought more photography equipment by signing a \$500 note payable.
4. Performed photography services for \$400 cash.
5. Performed photography services, and billed the customer \$900 on account.
6. Collected \$900 from the customer in item 5.
7. Paid for February developing and printing, \$150.
8. Advertised the business in the Platteville Journal. The \$100 cost will be billed to Wunderkind.
9. Paid the advertising bill from item 8.
10. Paid \$200 for photography supplies.
11. Received \$300 cash advance payment from a customer for a photography job to be performed in April.
12. Paid \$250 dividend to the stockholders.

Instructions:

For each transaction indicate the following:

- (a) The basic type of account debited and credited (asset, liability, stockholder's equity).
- (b) The specific account debited and credited (cash, rent expense, service revenue, etc.).
- (c) Whether the specific account is increased or decreased.
- (d) The normal balance of each specific account.

Use the following format, in which the first transaction is given as an example.

Account Debited				Account Credited			
(a)	(b)	(c)	(d)	(a)	(b)	(c)	(d)
Basic	Specific		Normal		Basic	Specific	
Normal							
<u>No.</u>	<u>Type</u>	<u>Account</u>	<u>Effect</u>		<u>Type</u>	<u>Account</u>	<u>Effect</u>
<u>Balance</u>			<u>Balance</u>				

Challenge Exercise 1 – Solution

No.	Account Debited				Account Credited			
	(a) Basic Type	(b) Specific Account	(c) Effect	(d) Normal Balance	(a) Basic Type	(b) Specific Account	(c) Effect	(d) Normal Balance
1	Asset	Cash	Increase	Debit	Stockholders' Equity	Common Stock	Increase	Credit
2	Asset	Equipment	Increase	Debit	Asset	Cash	Decrease	Debit
3	Asset	Equipment	Increase	Debit	Liability	Notes Payable	Increase	Credit
4	Asset	Cash	Increase	Debit	Stockholders' Equity	Service Revenue	Increase	Credit
5	Asset	Accounts Receivable	Increase	Debit	Stockholders' Equity	Service Revenue	Increase	Credit
6	Asset	Cash	Increase	Debit	Asset	Accounts Receivable	Decrease	Debit
7	Stockholders' Equity	Printing Expense	Increase	Debit	Asset	Cash	Decrease	Debit
8	Stockholders' Equity	Advertising Expense	Increase	Debit	Liability	Accounts Payable	Increase	Credit
9	Liability	Accounts Payable	Decrease	Credit	Asset	Cash	Decrease	Debit
10	Asset	Supplies	Increase	Debit	Asset	Cash	Decrease	Debit
11	Asset	Cash	Increase	Debit	Liability	Unearned Service Revenue	Increase	Credit
12	Stockholders' Equity	Dividends	Increase	Debit	Asset	Cash	Decrease	Debit

Challenge Exercise 2

Expands on: E2-3

LO: 2

Data for Wunderkind Photography are presented in Challenge Exercise 2-2.

Instructions:

Journalize the transactions using journal page J1. (You may omit explanations).

Challenge Exercise 2 – Solution

General Journal

J1

Item	Account Titles and Explanation	Ref.	Debit	Credit
1	Cash		5,000	
	Common Stock.....			5,000
2	Equipment.....		1,000	
	Cash.....			1,000
3	Equipment.....		500	
	Notes Payable			500
4	Cash.....		400	
	Service Revenue			400
5	Accounts Receivable.....		900	
	Service Revenue			900
6	Cash.....		900	
	Accounts Receivable			900
7	Printing Expense		150	
	Cash.....			150
8	Advertising Expense		100	
	Accounts Payable			100

Challenge Exercise 2 – Solution (Continued)

9	Accounts Payable.....	100	
	Cash.....		100
10	Supplies	200	
	Cash.....		200
11	Cash.....	300	
	Unearned Service Revenue		300
12	Dividends.....	250	
	Cash.....		250

Challenge Exercise 3

Expands on: E2-5

LO: 2

Presented below is information related to Shawshank Real Estate Agency.

- Oct. 1 Pete Shawshank begins business as a real estate agent with a cash investment of \$25,000 in exchange for common stock.
2 Hires an administrative assistant.
3 Purchases office furniture for \$2,900, by paying \$700 cash with the balance on account.
6 Sells a house and lot for N. Kidman, earning a fee of \$3,600, with \$600 collected in cash and the balance billed to N. Kidman.
27 Pays \$900 on the balance related to the transaction of October 3.
30 Pays the administrative assistant \$2,300 in salary for October.
31 Collects \$1,200 of the balance owed by N. Kidman.

Instructions:

1. Journalize the transactions. (You may omit explanations.)
2. What balance would Shawshank Real Estate Agency report for Accounts Payable in its October 31 financial statements? In which category of which financial statements would it be found?
3. What balance would Shawshank Real Estate Agency report for Accounts Receivable in its October 31 financial statements? In which category of which financial statements would it be found?

Challenge Exercise 3 – Solution

1.

1	Cash.....	25,000	
	Common Stock.....		25,000
2	No entry, not a transaction		
3	Equipment.....	2,900	
	Cash.....		700
			
	Accounts Payable		2,200
6	Cash.....	600	
		3,000	
	Accounts Receivable.....		
	Service Revenue		3,600
27	Accounts Payable.....	900	
	Cash.....		900
30	Salaries and Wages Expense	2,300	
	Cash.....		2,300
31	Cash.....	1,200	
	Accounts Receivable		1,200

2. The October 31 balance of Accounts Payable is \$1,300 (\$2,200 - \$900), and would be reported in the liabilities section of the balance sheet.

3. The October 31 balance of Accounts Receivable is \$1,800 (\$3,000 - \$1,200), and would be reported in the assets section of the balance sheet.

Challenge Exercise 4

Expands on: E2-14

LO: 2

Selected transactions for Tina Louise Company during its first month in business are presented below.

- Sept. 1 Invested \$20,000 cash in the business in exchange for common stock.
5 Purchased equipment for \$17,000 paying \$6,000 in cash and the balance on account.
11 Performed \$3,900 of services for clients, collecting \$1,000 cash and billing them for the remainder.
25 Paid \$7,000 cash on balance owed for equipment.
29 Declared and paid a \$600 cash dividend.
30 Collected \$1,500 from the clients from the September 11 transactions.

The chart of accounts shows: No. 101 Cash, No. 112 Accounts Receivable, No. 157 Equipment, No. 201 Accounts Payable, No. 311 Common Stock, No. 332 Dividends, and No. 400 Service Revenue.

Instructions:

- (a) Journalize the transactions on page J1 of the journal.
- (b) Post the transactions using the standard account form.
- (c) Based only on these transactions, what amount would Tina Louise report as total assets in the September 30 balance sheet?
- (d) Based only on these transactions, what amount would Tina Louise report as total liabilities in the September 30 balance sheet?

Challenge Exercise 4 – Solution

(a)

General Journal					J1
Date		Account Titles and Explanation	Ref.	Debit	Credit
Sept.	1	Cash.....	101	20,000	
		Common Stock	311		20,000
	5	Equipment	157	17,000	
		Cash	101		6,000
		Accounts Payable	201		11,000
	11	Cash.....	101	1,000	
		Accounts Receivable	110	2,900	
		Service Revenue.....	407		3,900
	25	Accounts Payable	201	7,000	
		Cash	101		7,000
	29	Dividends.....	332	600	
		Cash	101		600
		Cash.....	101	1,500	
30		Accounts Receivable	407		1,500

(b)

Cash					No. 101
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1		J1	20,000		20,000
5		J1		6,000	14,000
6		J1	1,000		15,000
25		J1		7,000	8,000
29		J1		600	7,400
30		J1	1,500		8,900
Accounts Receivable					No. 112
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 11		J1	2,900		2,900
30		J1		1,500	1,400

Challenge Exercise 4 – Solution (Continued)

Equipment No. 157

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1	17,000		17,000

Accounts Payable No. 201

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1		11,000	11,000
25		J1	7,000		4,000

Common Stock No. 311

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1		J1		20,000	20,000

Dividends No. 332

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 29		J1	600		600

Service Revenue No. 400

Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 11		J1		3,900	3,900

(c) Total assets would be \$27,300 (\$8,900 + \$1,400 + \$17,000).

(d) Total liabilities would be \$4,000 (just accounts payable).

Challenge Exercise 5

Expands on: E2-16

LO: 4

The accounts in the ledger of Sun Delivery Service contain the following balances on July 31, 2019.

Accounts Receivable	\$ 8,000	Prepaid Insurance	\$2,000
Accounts Payable	7,900	Retained Earnings	
5,000			
Cash	?	Service Revenue	11,000
Common Stock	42,000	Salaries and Wages Expense	
?			
Dividends	900	Salaries and Wages Payable	1,000
Equipment	50,000	Supplies	3,000
Gasoline and Oil Expense	800	Unearned Service Revenue	2,500
Insurance Expense	600		
Maintenance and Repair Expense	1,100		
Notes Payable	19,000		

Instructions:

Prepare a trial balance with the accounts arranged as illustrated in the chapter and fill in the missing amounts for Cash and Salaries Expense. Assume net income for the period is \$3,500

Challenge Exercise 5 – Solution

SUN DELIVERY SERVICE

Trial Balance

July 31, 2019

<u>Credit</u>	<u>Debit</u>	
Cash**.....	\$17,000	
Accounts Receivable.....	8,000	
Supplies	3,000	
Prepaid Insurance	2,000	
Equipment.....	50,000	
Notes Payable.....		\$19,000
Accounts Payable.....		7,900
Salaries and Wages Payable.....		1,000
Unearned Revenue		2,500
Common Stock		42,000
Retained Earnings		5,000
Dividends	900	
Service Revenue.....		11,000
Salaries and Wages Expense*.....	5,000	
Maintenance and Repair Expense.....	1,100	
Gasoline and Oil Expense.....	800	
Insurance Expense.....	600	
	<u>\$88,400</u>	<u>\$88,400</u>

*\$11,000 - \$1,100 - \$800 - \$600 – Salaries and Wages Expense = \$3,500; Salaries and Wages Expense = \$5,000.

**\$88,400 (total credits) - \$71,400 (total debits without cash).

(a)		GENERAL JOURNAL		J1
Account Titles and Explanation		Debit	Credit	
Nov. 8	No entry required for cashing U.S. Savings Bonds—this is a personal transaction.			
8	Cash.....	500		
	Common Stock.....		500	
11	Advertising Expense	65		
	Cash		65	
13	Supplies.....	125		
	Cash		125	
14	Equipment	300		
	Common Stock.....		300	
16	Cash.....	2,000		
	Notes Payable.....		2,000	
17	Equipment	900		
	Cash		900	
20	Cash.....	125		
	Service Revenue		125	
25	Cash.....	30		
	Unearned Service Revenue		30	
30	Prepaid Insurance.....	1,320		
	Cash		1,320	

CC2 (Continued)

(b)

Cash

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 8		J1	500		500
11		J1		65	435
13		J1		125	310
16		J1	2,000		2,310
17		J1		900	1,410
20		J1	125		1,535
25		J1	30		1,565
30		J1		1,320	245

Supplies

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 13		J1	125		125

Prepaid Insurance

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 30		J1	1,320		1,320

Equipment

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 14		J1	300		300
17		J1	900		1,200

CC2 (Continued)

(b) (Continued)

Unearned Service Revenue

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 25		J1		30	30

Notes Payable

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 16		J1		2,000	2,000

Common Stock

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 8		J1		500	500
14		J1		300	800

Service Revenue

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 20		J1		125	125

Advertising Expense

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 11		J1	65		65

CC2 (Continued)

(c)

COOKIE CREATIONS

Trial Balance

November 30, 2019

	<u>Debit</u>	<u>Credit</u>
Cash.....	\$ 245	
Supplies	125	
Prepaid Insurance.....	1,320	
Equipment.....	1,200	
Unearned Service Revenue.....		\$ 30
Notes Payable		2,000
Common Stock		800
Service Revenue		125
Advertising Expense	<u>65</u>	
	<u>\$2,955</u>	<u>\$2,955</u>

Note to instructors: Because the notes payable is not due for 24 months, it follows Unearned Revenue in the accounts and the trial balance.