CHAPTER 2

Understanding the Recording Process

Accounting Principles, Eighth Edition

The Account

Account



- Record of increases and decreases in a specific asset, liability, equity, revenue, or expense item.
- Debit (借)="Left"
- Credit (貸) = "Right"

An Account can be illustrated in a T-Account form 下字帳.



Account Name				
Debit / Dr.	Credit / Cr.			

TABULAR SUMMARY COMPARED TO ACCOUNT FORM

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Tabular Summary

Cash
\$15,000
-7,000
1,200
1,500
−I,700
-250
600
−I,300
\$ 8,050

Account Form

Cash				
(Debits)	15,000 1,200 1,500 600	(Credits)	7,000 1,700 250 1,300	
Balance (Debit)	8,050			

Debits and Credits

If Debits are greater than Credits, the account will have a debit balance.

	Accour	Account Name	
	Debit / Dr.	Credit / Cr.	
Transaction #1 Transaction #3	\$10,000 8,000	\$3,000	Transaction #2
Balance	\$15,000		

Debits and Credits

If Debits are greater than Credits, the account will have a debit balance.

	Accour	Account Name		
	Debit / Dr.	Credit / Cr.		
Transaction #1	\$10,000	\$3,000	Transaction #2	
		8,000	Transaction #3	
Balance		\$1,000		

Debits and Credits

Double-entry accounting system 複式簿記

- Each transaction must affect two or more accounts to keep the basic accounting equation in balance.
- Recording done by debiting at least one account and crediting another.
- DEBITS must equal CREDITS.

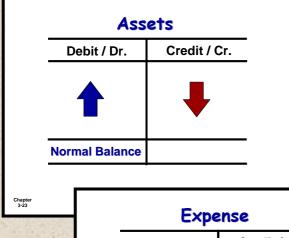
Assets = Liabilities + Equity

Debits and Credits Summary

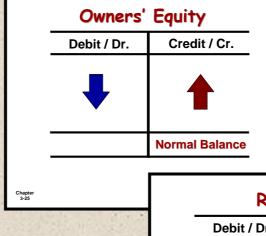
Normal Balance Debit

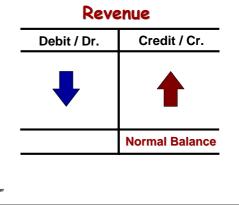
Normal Balance Credit





Credit / Cr. Debit / Dr. **Normal Balance**





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Debits and Credits Summary

Balance Sheet

Income Statement

Revenue - Expense =

Debit











Credit



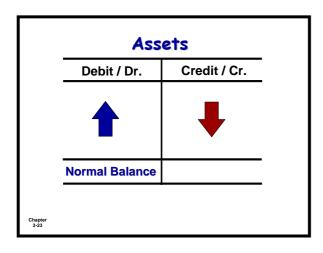


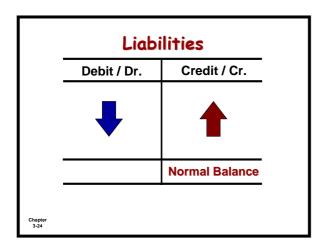






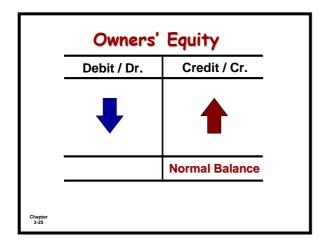
Assets and Liabilities



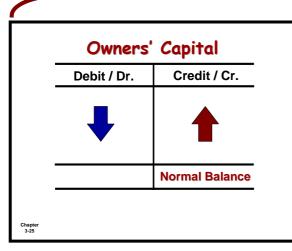


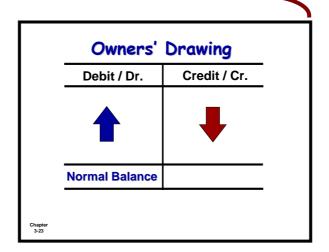
- Assets Debits should exceed credits.
- Liabilities Credits
 should exceed debits.
- The normal balance is on the increase side.

Owners' Equity

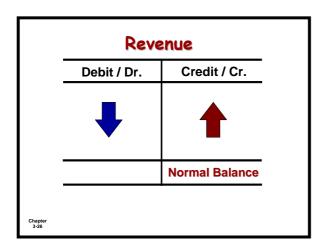


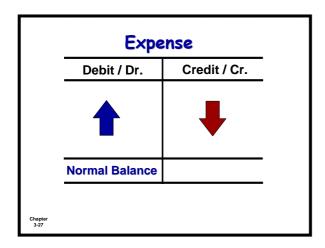
- Owner's investments and revenues increase owner's equity (credit).
- Owner's drawings and expenses decrease owner's equity (debit).





Revenue and Expense

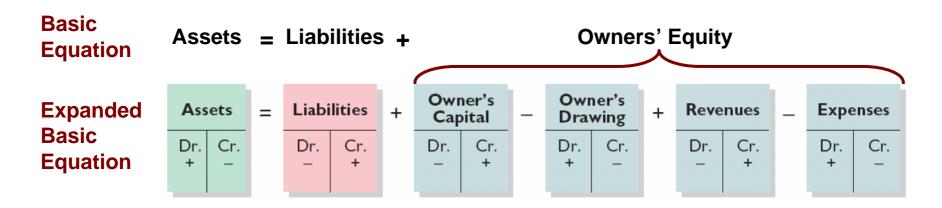




- The purpose of earning revenues is to benefit the owner(s).
- The effect of debits and credits on revenue accounts is the same as their effect on Owner's Capital.
- Expenses have the opposite effect: expenses decrease owner's equity.

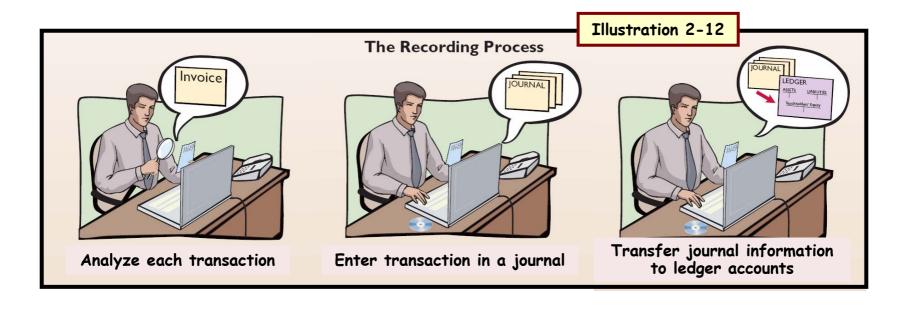
Expansion of the Basic Equation

Relationship among the assets, liabilities and p.52 owners' equity of a business:



The equation must be in balance after every transaction. For every **Debit** there must be a **Credit**.

Steps in the Recording Process



Business documents, such as a sales slip, a check, a bill, or a cash register tape, provide evidence of the transaction.

CHART OF ACCOUNTS

會計科目表

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A Chart of Accounts lists the accounts and the account numbers which identify their location in the ledger.

PIONEER ADVERTISIN Chart of Account	
Assets	Owner's Equity
101 Cash	301 C. R. Byrd, Capital
112 Accounts Receivable	306 C. R. Byrd, Drawing
126 Advertising Supplies	350 Income Summary
130 Prepaid Insurance 157 Office Equipment	Revenues
158 Accumulated Depreciation—Office Equipment	400 Service Revenue
Liabilities	Expenses
200 Notes Payable	631 Advertising Supplies Expense
201 Accounts Payable	711 Depreciation Expense
209 Unearned Revenue	722 Insurance Expense
212 Salaries Payable	726 Salaries Expense
230 Interest Payable	729 Rent Expense
L	905 Interest Expense

The Journal 日記簿

- Book of original entry (General Journal).
- Transactions recorded in chronological order.
- Contributions to the recording process:
 - 1. Discloses 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 can be easily compared.

JOURNALIZING

- Entering transaction data in the journal is known as journalizing.
- Separate journal entries are made for <u>each</u> transaction.
- A complete entry consists of:
 - 1 the date of the transaction,
 - 2 the accounts and amounts to be debited and credited,
 - 3 a brief explanation of transaction.

The date of the transaction is entered into the date column.

	GENERAL JOURNAL J1			
Date	Account Titles and Explanation	Ref.	Debit	Credit
2005 Sept. 1	Cash R. Neal, Capital (Invested cash in business) Computer Equipment Cash (Purchased equipment for cash)		15,000 7,000	15,000 7,000

The debit account title is entered at the extreme left margin of the Account Titles and Explanation column. The credit account title is indented on the next line.

	GENERAL JOURNAL J1			
Date	Account Titles and Explanation	Ref.	Debit	Credit
2005 Sept. 1	Cash R. Neal, Capital (Invested cash in business) Computer Equipment Cash		15,000 7,000	15,000 7,000
	(Purchased equipment for cash)			

The amounts for the debits are recorded in the Debit column and the amounts for the credits are recorded in the Credit column.

	GENERAL JOURNAL J1			
Date	Account Titles and Explanation	Ref.	Debit	Credit
2005 Sept. 1	Cash R. Neal, Capital (Invested cash in business) Computer Equipment Cash		7,000	
el	(Purchased equipment for cash)			

A brief explanation of the transaction is given.

	GENERAL JOURNAL J1			
Date	Account Titles and Explanation	Ref.	Debit	Credit
2005				
Sept. 1	Cash		15,000	
-	R. Neal, Capital			15,000
	(Invested cash in business)			ŕ
1	Computer Equipment		7,000	
	Cash		,,,,,,	7,000
	(Purchased equipment for			,,,,,,
	cash)			
9				

A space is left between journal entries. The blank space separates individual journal entries and makes the entire journal easier to read.

	GENERAL JOURNAL J1			
Date	Account Titles and Explanation	Ref.	Debit	Credit
2005				
Sept. 1	Cash R. Neal, Capital (Invested cash in business)		15,000	15,000
1	Computer Equipment Cash (Purchased equipment for cash)		7,000	7,000

The column entitled Ref. is left blank at the time journal entry is made and is used later when the journal entries are transferred to the ledger accounts.

	GENERAL JOURNAL J1			
Date	Account Titles and Explanation	Ref.	Debit	Credit
2005				
Sept. 1	Cash		15,000	
	R. Neal, Capital			15,000
	(Invested cash in business)			
1	Computer Equipment		7,000	
•	Cash		7,000	7,000
	(Purchased equipment for			7,000
	cash)			

SIMPLE AND COMPOUND JOURNAL ENTRIES

Simple Entry - Two accounts, one debit and one credit.

Compound Entry - Three or more accounts.

If an entry involves only two accounts, one debit and one credit, it is considered a simple entry.

GENERAL JOURNAL J1				
Date	Account Titles and Explanation	Ref.	Debit	Credit
2005				
July 1	Cash		20,000	
	K. Browne, Capital			20,000
	(Invested cash in the			
	business)			

COMPOUND JOURNAL ENTRY

When three or more accounts are required in one journal entry, the entry is referred to as a compound entry.

	GENERAL JOURNAL J1				
	Date	Account Titles and Explanation	Ref.	Debit	Credit
	2005				
	July 1	Delivery Equipment		14,000	
1		Cash			8,000
		Accounts Payable			6,000
2		(Purchased truck for cash			
		with balance on account)			
3 apter					

COMPOUND JOURNAL ENTRY

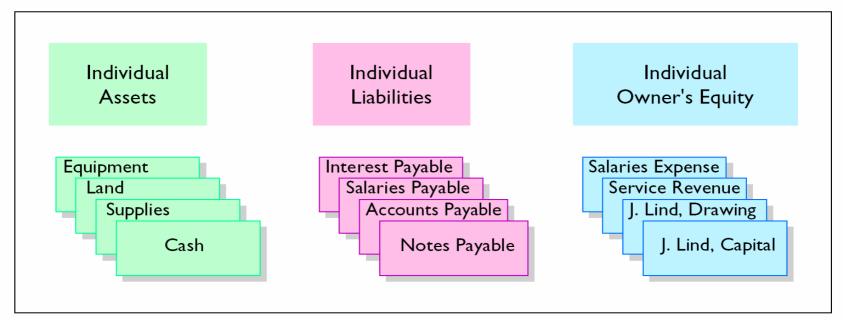
This is the wrong format; all debits must be listed before the credits are listed.

GENERAL JOURNAL J1					
Date	Account Titles and Explanation	Ref.	Debit	Credit	
2005 July 1	Cash			8,000	
	Delivery Equipment Accounts Payable (Purchased truck for cash with balance on account)		14,000	6,000	

THE LEDGER 分類帳

A Group of accounts maintained by a company is called the ledger.

A general ledger contains all the assets, liabilities, and owner's equity accounts



Standard Form of Account

T-account form used in accounting textbooks.

In practice, the account forms used in ledgers are much more structured.

Cash					No. 101
Date	Explanation	Ref.	Debit	Credit	Balance
Oct. 1			15,000		15,000
27				700	14,300
30				2,500	11,800

Posting 過帳

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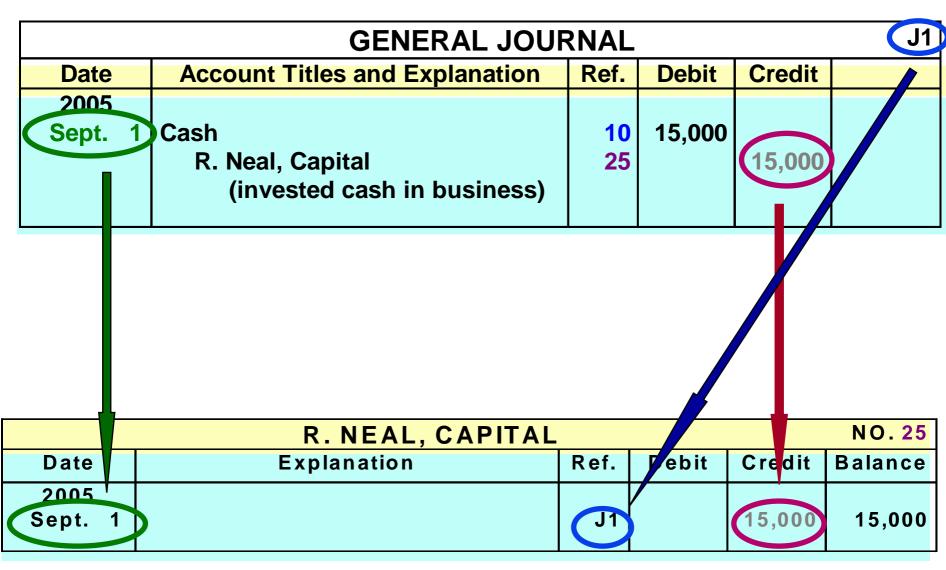
Transferring journal entries to the ledger accounts is called posting.

In the ledger, enter in the appropriate columns of the account(s) debited the date, journal page, and debit amount shown in the journal.

	GENERAL JOURNAL J1				
Date	Account Titles and Explanation	Ref.	Debit	Credit	
2005 Sept.	Cash R. Neal, Capital (invested cash in business) GENERAL LEDG	10 25 ER	15,000	15,020	
	CASH				NO. 10
Date	Explanation	Ref.	ebi	Credit	Balance
2005 Sept. 1			15,000		15,000

In the reference column of the journal, write the account number to which the debit amount was posted.

GENERAL JOURNAL				J1	
Date	Account Titles and Explanation	Ref.	Debit	Credit	
2005 Sept. 1	Cash R. Neal, Capital (invested cash in business)	10	15,000	15,000	
	GENERAL LEDGER				
	CASH				NO 10
Date	Explanation	Ref.	Debit	Credit	Balance
2005			15,000		15,000



GENERAL JOURNAL			J1		
Date	Account Titles and Explanation	Ref.	Debit	Credit	
2002 Sept. 1	Cash R. Neal, Capital (invested cash in business)	25	15,000	15,000	

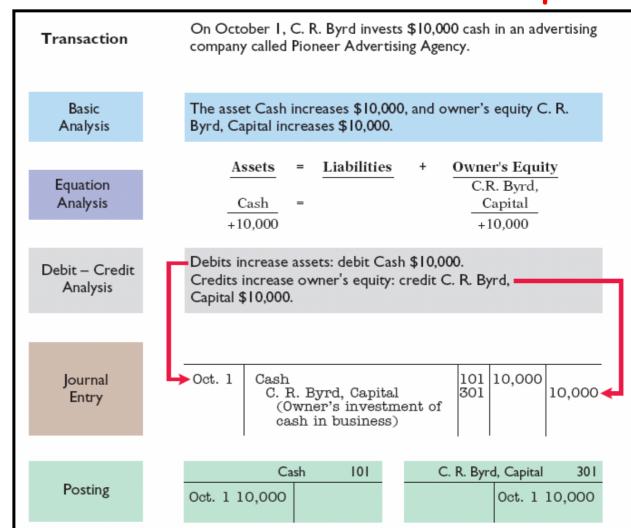
R. NEAL, CAPITAL				N J. 25	
Date	Explanation	Ref.	Debit	Credit	Balance
2002					
Sept. 1		J1		15,000	15,000

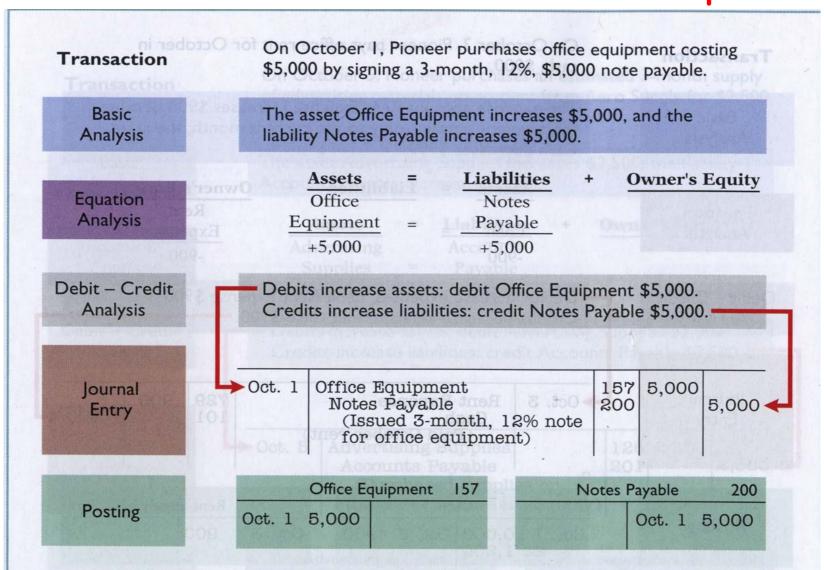
The Recording Process Illustrated

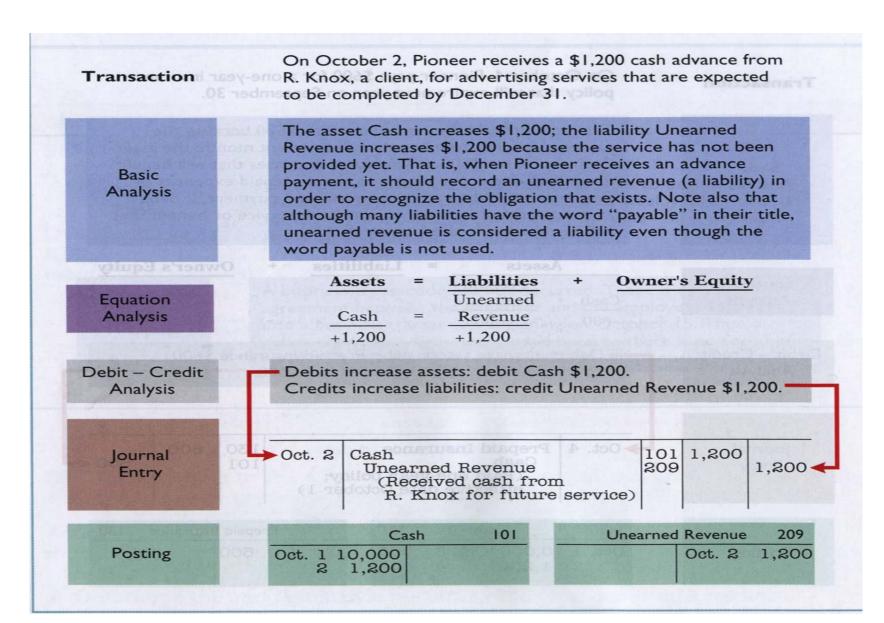
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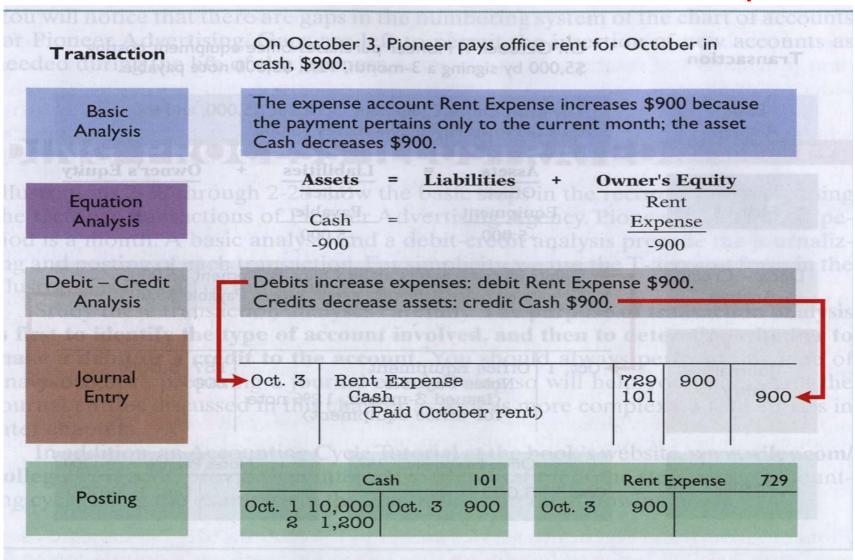
Follow these steps:

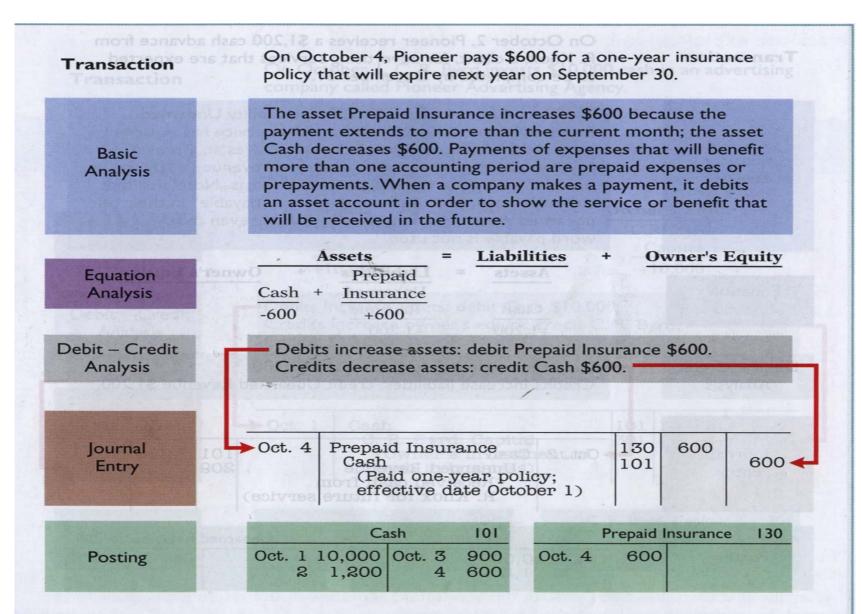
- 1. Determine what type of account is involved.
- 2. Determine what items increased or decreased and by how much.
- 3. Translate the increases and decreases into debits and credits.

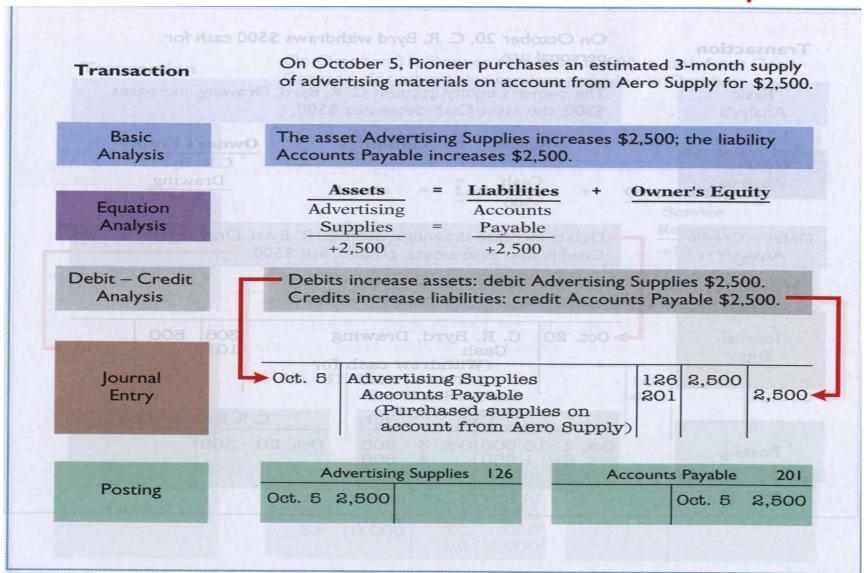








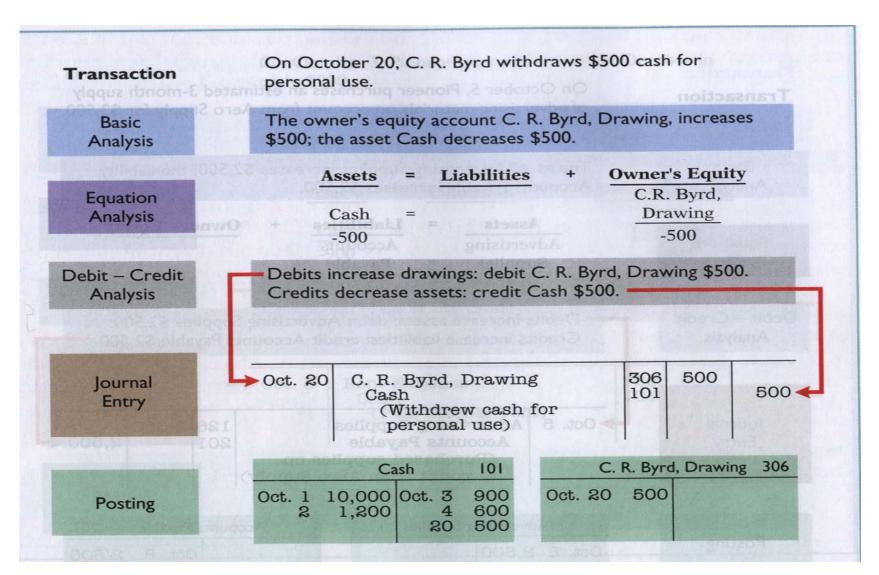


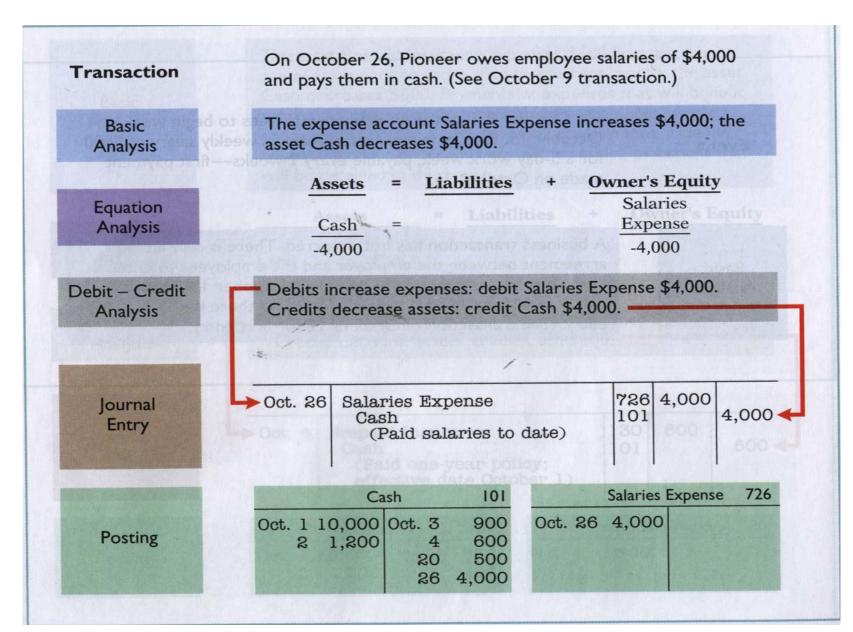


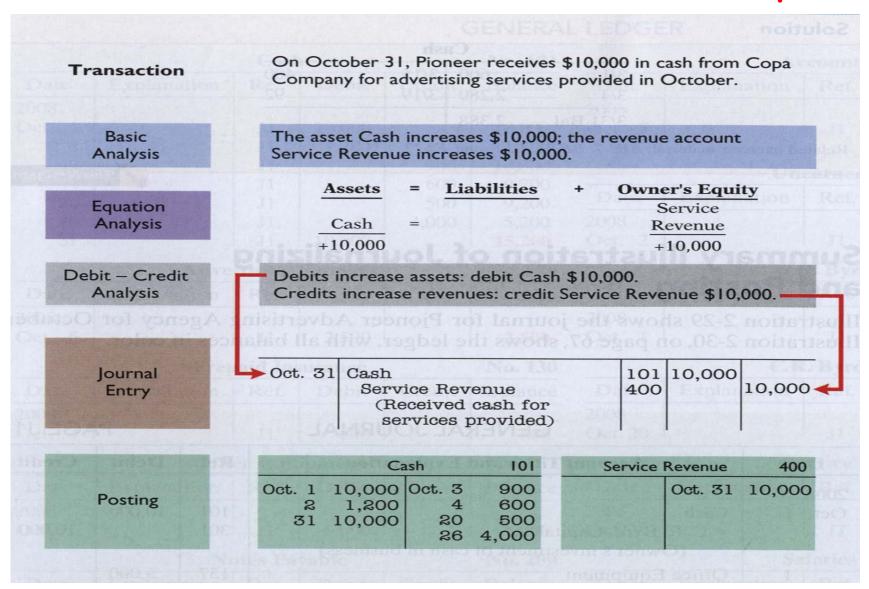
Event

On October 9, Pioneer hires four employees to begin work on October 15. Each employee is to receive a weekly salary of \$500 for a 5-day work week, payable every 2 weeks—first payment made on October 26.

Basic Analysis A business transaction has not occurred. There is only an agreement between the employer and the employees to enter into a business transaction beginning on October 15. Thus, a debit—credit analysis is not needed because there is no accounting entry. (See transaction of October 26 for first entry.)







THE TRIAL BALANCE 試算表

- The trial balance is a list of accounts and their balances at a given time.
- The primary purpose of a trial balance is to prove debits = credits after posting.
- If debits and credits do not agree, the trial balance can be used to uncover errors in journalizing and posting.

THE TRIAL BALANCE

The Steps in preparing the Trial Balance are:

- 1. List the account titles and balances
- 2. Total the debit and credit columns
- 3. Prove the equality of the two columns

A TRIAL BALANCE

PIONEER ADVERTISING AGENCY

Trial Balance October 31, 2005

Cash
Advertising Supplies
Prepaid Insurance
Office Equipment
Notes Payable
Accounts Payable
Unearned Fees
C. R. Byrd, Capital
C. R. Byrd, Drawing
Fees Earned

Salaries Expense

Rent Expense

The total debits must equal the total credits.

Debit	Credit
\$ 15,200	
2,500	
600	
5,000	
	\$ 5,000
	2,500
	1,200
	10,000
500	
	10,000
4,000	
900	
\$ 28,700	\$ 28,700

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The Trial Balance

Limitations of a Trial Balance

The trial balance may balance even when

- 1. a transaction is not journalized,
- 2. a correct journal entry is not posted,
- 3. a journal entry is posted twice,
- 4. incorrect accounts are used in journalizing or posting, or
- 5. offsetting errors are made in recording the amount of a transaction.

Journalizing - Entering transaction data in the journal.

E2-4 (Facts) Presented below is information related to Hanshew Real Estate Agency.

- Oct. 1 Pete Hanshew begins business as a real estate agent with a cash investment of \$15,000.
 - 3 Purchases office furniture for \$1,900, on account.
 - 6 Sells a house and lot for B. Kidman; bills B. Kidman \$3,200 for realty services provided.
 - 27 Pays \$700 on balance related to transaction of Oct. 3.
 - 30 Pays the administrative assistant \$2,500 salary for Oct.

E2-5 Instructions - Journalize the transactions for E2-4.

Journaling

Oct. 1 Pete Hanshew begins business as a real estate agent with a cash investment of \$15,000.

General Journal

Date	Account Title	Ref.	Debit	Credit
Oct. 1	Cash		15,000	
	Hanshew, Capital			15,000
	(Owners investment)			

Oct. 3 Purchases office furniture for \$1,900, on account.

Oct. 6 Sells a house and lot for B. Kidman; bills B. Kidman \$3,200 for realty services provided.

	I T I
General	Journal
5 5 1 1 5 1	00411141

Date	Account Title	Ref.	Debit	Credit
Oct. 6	Accounts receivable		3,200	
	Service revenue			3,200
	(Realty services provid	ed)		

Oct. 27 Pays \$700 on balance related to transaction of Oct. 3.

^	
Genera	l Journal

Date	Account Title	Ref.	Debit	Credit
Oct. 27	Accounts payable		700	
	Cash			700
(Payment on account)				

Oct. 30 Pays the administrative assistant \$2,500 salary for Oct.

General Journal

Date	Account Title	Ref.	Debit	Credit
Oct. 30	Salary expense		2,500	
	Cash			2,500
	(Payment for salaries)			

Posting

Posting - the process of transferring amounts from the journal to the ledger accounts.

General Journal					J1	
Date	Account Title	Ref.	Del	bit	Credit	
Oct. 1	Cash	101	15	,000		
Hanshew, Capital					15,000	
(Owner's investment in business)						

	Gene	eral Led	ger		
		Cash	<u> </u>	Acct	No. 101
Date	Explanation	Ref.	Debit	Credit	Balance
Oct. 1	Owner investment	J1	15,000		15,000

The Trial Balance

- A list of accounts and their balances at a given time.
- Purpose is to prove that debits equal credits.

Hanshew Real Estate Agency

Trial Balance October 31, 2008

	Debit	Credit
Cash	\$ 11,800	
Accounts receivable	3,200	
Office furniture	1,900	
Accounts payable		\$ 1,200
Hanshew, Capital		15,000
Service revenue		3,200
Salaries expense	2,500	
	\$ 19,400	\$ 19,400