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MGT-125 Principles of Accounting

1 Accounting in Action

Learning Objectives

After studying this chapter, you should be able to:

- [1] Explain what accounting is.
- [2] Identify the users and uses of accounting.
- [3] Understand why ethics is a fundamental business concept.
- [4] Explain generally accepted accounting principles.
- [5] Explain the monetary unit assumption and the economic entity assumption.
- [6] State the accounting equation, and define its components.
- [7] Analyze the effects of business transactions on the accounting equation.
- [8] Understand the four financial statements and how they are prepared.

Preview of Chapter 1

ACCOUNTING IN ACTION What Is The Building Blocks The Basic Accounting Using the Financial Statements of Accounting **Accounting Equation** Accounting? Equation Three activities Ethics in financial Transaction Assets Income statement reporting analysis Who uses Liabilities Owner's equity Generally accepted statement accounting data Summary of Owner's equity transactions accounting Balance sheet principles Statement of cash Measurement flows principles Assumptions

Accounting Principles
Thirteen Edition
Weygandt • Kimmel • Kieso

What is Accounting?

Purpose of accounting is to:

- 1. identify,
- 2. record, and
- 3. communicate

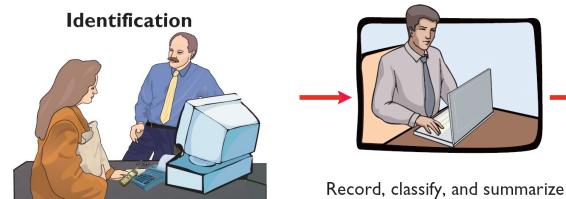
the economic events of an organization to interested users.

What is Accounting?

Three Activities

Illustration 1-1
Accounting process

Recording



Prepare accounting reports

Communication

Select economic events (transactions)

The accounting process **includes** the bookkeeping function.



Analyze and interpret for users

Who Uses Accounting Data

Internal **Users**



Marketing

What price should Apple charge for an iPod to maximize the company's net income?







Snack chips

Beverages

Management

Which PepsiCo product line is the most profitable? Should any product lines be eliminated?



Finance

Is cash sufficient to pay dividends to Microsoft stockholders?



Human Resources

Can General Motors afford to give its employees pay raises this year?

Illustration 1-2 Questions that internal users ask

LO 2 1-7

ACCOUNTING ACROSS THE ORGANIZATION



The Scoop on Accounting

Accounting can serve as a useful recruiting tool even for the human resources department. Rhino Foods, located in Burlington, Vermont, is a manufacturer of specialty ice cream. Its corporate website includes the following:

"Wouldn't it be great to work where you were part of a team? Where your input and hard work made a difference? Where you weren't kept in the dark about what management was thinking? . . . Well—it's not a dream! It's the way we do business . . . Rhino Foods believes in family, honesty and open communication—we really care about and appreciate our employees—and it shows. Operating results are posted and monthly group meetings inform all employees about what's happening in the Company. Employees also share in the Company's profits, in addition to having an excellent comprehensive benefits package."

Source: www.rhinofoods.com/workforus/workforus.html.



What are the benefits to the company and to the employees of making the financial statements available to all employees? (See page 47.)

Who Uses Accounting Data

External Users



Investors

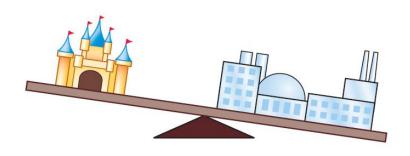
Is General Electric earning satisfactory income?

Illustration 1-3
Questions that external
users ask



Creditors

Will United Airlines be able to pay its debts as they come due?



Investors

How does Disney compare in size and profitability with Time Warner?

1-9 LO 2

The Building Blocks of Accounting

Ethics In Financial Reporting

United States regulators and lawmakers were very concerned that the economy would suffer if investors lost confidence in corporate accounting because of unethical financial reporting.

- Recent financial scandals include: Enron, WorldCom, HealthSouth, AIG, and others.
- Congress passed Sarbanes-Oxley Act of (SOX) 2002.
- Effective financial reporting depends on sound ethical behavior.

Enron Scandal (2001)

- Enron Corporation was a US energy, commodities, and services company based out of Houston, Texas. In one of the most controversial accounting scandals in the past decade, it was discovered in 2001 that the company had been using accounting loopholes to hide billions of dollars of bad debt, while simultaneously inflating the company's earnings. The scandal resulted in shareholders losing over \$74 billion as Enron's share price collapsed from around \$90 to under \$1 within a year.
- An SEC investigation revealed that the company's CEO, Jeff Skillings, and former CEO, Ken Lay, had kept billions of dollars of debt off the company's balance sheet. In addition, they had pressured the company's auditing firm, Arthur Andersen, to ignore the issue.
- The two were convicted, largely based on the testimony of former Enron employee, Sherron Watkins. However, Lay died before serving time in prison. Jeff Skillings was sentenced to 24 years in prison. The scandal led to the bankruptcy of Enron and dissolution of Arthur Andersen.
- After the fact, the convictions were as controversial as the company's collapse had been shocking, as prosecutor Andrew Weissman indicted not just individuals, but the entire accounting firm of Arthur Andersen, effectively putting the company out of business. It was little consolation to the 20,000 employees who had lost their jobs when the conviction was later overturned.

The Building Blocks of Accounting

Ethics In Financial Reporting

I. Recognize an ethical situation and the ethical issues involved.

Use your personal ethics to identify ethical situations and issues. Some businesses and professional organizations provide written codes of ethics for guidance in some business situations.

2. Identify and analyze the principal elements in the situation.

Identify the **stakeholders**—
persons or groups who may
be harmed or benefited. Ask
the question: What are the
responsibilities and obligations
of the parties involved?

Illustration 1-4

Steps in analyzing ethics cases and situations

3. Identify the alternatives, and weigh the impact of each alternative on various stakeholders.

Select the most ethical alternative, considering all the consequences. Sometimes there will be one right answer. Other situations involve more than one right solution; these situations require an evaluation of each and a selection of the best alternative.

ETHICS INSIGHT



The Numbers Behind Not-for-Profit Organizations

Accounting plays an important role for a wide range of business organizations worldwide. Just as the integrity of the numbers matters for business, it matters at least as much at not-for-profit organizations. Proper control and reporting help ensure that money is used the way donors intended. Donors are less inclined to give to an organization if they think the organization is subject to waste or theft. The accounting challenges of some large international not-for-profits rival those of the world's largest businesses. For example, after the Haitian earthquake, the Haitian-born musician Wyclef Jean was criticized for the poor accounting controls in a relief fund that he founded. In response, he hired a new accountant and improved the transparency regarding money raised and spent.



What benefits does a sound accounting system provide to a not-for-profit organization? (See page 47.)

Ethics in Financial Reporting

Question

Ethics are the standards of conduct by which one's actions are judged as:

- a. right or wrong.
- b. honest or dishonest.
- c. fair or not fair.
- d. all of these options.

Various users need financial information



Financial Statements

- Balance Sheet
- Income Statement
- Statement of Owner's Equity
- Statement of Cash Flows
- Note Disclosure



The accounting profession has attempted to develop a set of standards that are generally accepted and universally practiced.



Generally Accepted
Accounting
Principles (GAAP)

Generally Accepted Accounting Principles (GAAP) - A set of rules and practices, having substantial authoritative support, that the accounting profession recognizes as a general guide for financial reporting purposes.

Standard-setting bodies:

- Securities and Exchange Commission (SEC)
- Financial Accounting StandardsBoard (FASB)
- International Accounting Standards Board (IASB)

International Note



Over 100 countries use International Financial Reporting Stan_I dards (called IFRS). For example, all companies in the European Union follow international standards. The differences between U.S. and international standards are not generally significant.

Measurement Principles

Historical Cost Principle (or cost principle) dictates that companies record assets at their cost.

Fair Value Principle states that assets and liabilities should be reported at fair value (the price received to sell an asset or settle a liability).

Selection of which principle to follow generally relates to trade-offs between relevance and faithful representation.

Helpful Hint Relevance and faithful representation are two primary qualities that make accounting information useful for decision-making.

INTERNATIONAL INSIGHT



The Korean Discount

If you think that accounting standards don't matter, consider recent events in South Korea. For many years, international investors complained that the financial reports of South Korean companies were inadequate and inaccurate. Accounting practices there often resulted in huge differences between stated revenues and actual revenues. Because investors did not have faith in the accuracy of the numbers, they were unwilling to pay as much for the shares of these companies relative to shares of comparable companies in different countries. This difference in stock price was often referred to as the "Korean discount."

In response, Korean regulators decided that, beginning in 2011, companies would comply with international accounting standards. This change was motivated by a desire to "make the country's businesses more transparent" in order to build investor confidence and spur economic growth. Many other Asian countries, including China, India, Japan, and Hong Kong, have also decided either to adopt international standards or to create standards that are based on the international standards.

Source: Evan Ramstad, "End to 'Korea Discount'?" Wall Street Journal (March 16, 2007).

Assumptions

Monetary Unit Assumption requires that companies include in the accounting records only transaction data that can be expressed in terms of money.

Economic Entity Assumption

requires that activities of the entity be kept separate and distinct from the activities of its owner and all other economic entities.



Ethics Note

The importance of the economic entity assumption is illustrated by scandals involving Adelphia. In this case, senior company employees entered into transactions that blurred the line between the employees' financial interests and those of the company. For example, Adelphia guaranteed over \$2 billion of loans to the founding family.

Forms of Business Ownership

Proprietorship

- Generally owned by one person.
- Often small service-type businesses
- Owner receives any profits, suffers any losses, and is personally liable for all debts.

Partnership

- Owned by two or more persons.
- Often retail and service-type businesses
- Generally unlimited personal liability
- Partnership agreement

Corporation

- Ownership divided into shares of stock
- Separate legal entity organized under state corporation law
- Limited liability

Question

Combining the activities of Kellogg and General Mills would violate the

- a. cost principle.
- b. economic entity assumption.
- c. monetary unit assumption.
- d. ethics principle.

Question

A business organized as a separate legal entity under state law having ownership divided into shares of stock is a

- a. proprietorship.
- b. partnership.
- c. corporation.
- d. sole proprietorship.

ACCOUNTING ACROSS THE ORGANIZATION



Spinning the Career Wheel

How will the study of accounting help you? A working knowledge of accounting is desirable for virtually every field of business. Some examples of how accounting is used in business careers include:

General management: Managers of Ford Motors, Massachusetts General Hospital, California State University—Fullerton, a McDonald's franchise, and a Trek bike shop all need to understand accounting data in order to make wise business decisions.

Marketing: A marketing specialist at Procter & Gamble must be sensitive to costs and benefits, which accounting helps them quantify and understand. Making a sale is meaningless unless it is a profitable sale.

Finance: Do you want to be a banker for Citicorp, an investment analyst for Goldman Sachs, or a stock broker for Merrill Lynch? These fields rely heavily on accounting knowledge to analyze financial statements. In fact, it is difficult to get a good job in a finance function without two or three courses in accounting.

Real estate: Are you interested in being a real estate broker for Prudential Real Estate? Because a third party—the bank—is almost always involved in financing a real estate transaction, brokers must understand the numbers involved: Can the buyer afford to make the payments to the bank? Does the cash flow from an industrial property justify the purchase price? What are the tax benefits of the purchase?



How might accounting help you? (See page 48.)

Assets = Liabilities + Owner's Equity

Provides the **underlying framework** for recording and summarizing economic events.

Assets are claimed by either creditors or owners.

Claims of creditors must be paid before ownership claims.

Assets

- Resources a business owns.
- Provide future services or benefits.
- Cash, Supplies, Equipment, etc.

Assets = Liabilities + Owner's Equity

Liabilities

- Claims against assets (debts and obligations).
- Creditors party to whom money is owed.
- Accounts payable, Notes payable, etc.

Assets = Liabilities + Owner's Equity

Owner's Equity

- Ownership claim on total assets.
- Referred to as residual equity.
- Investment by owners and revenues (+)
- Drawings and expenses (-).

Assets = Liabilities + Owner's Equity

Owner's Equity

Illustration 1-6

Basic Equation	Assets = Liabilities	+	Owner's Equity						
Expanded Equation	Assets = Liabilities	+	Owner's - Owner's + Revenues - Expenses Capital - Drawings						

Increases in Owner's Equity

- Investments by owner are the assets the owner puts into the business.
- Revenues result from business activities entered into for the purpose of earning income.
 - Common sources of revenue are: sales, fees, services, commissions, interest, dividends, royalties, and rent.

Owner's Equity

Illustration 1-6

Basic Equation	Assets = Liabilities	+	Owner's Equity						
Expanded Equation	Assets = Liabilities	+	Owner's – Owner's + Revenues – Expenses Capital – Drawings						

Decreases in Owner's Equity

- Drawings An owner may withdraw cash or other assets for personal use.
- Expenses are the cost of assets consumed or services used in the process of earning revenue.
 - Common expenses are: salaries expense, rent expense, utilities expense, tax expense, etc.

Using the Accounting Equation

Transactions are a business's economic events recorded by accountants.

- May be external or internal.
- Not all activities represent transactions.
- Each transaction has a dual effect on the accounting equation.

Using the Accounting Equation

ILLUSTRATION 1.7 Transaction identification process CHIP CITY **Events** Purchase computer Discuss product design with Pay rent potential customer Criterion Is the financial position (assets, liabilities, or owner's equity) of the company changed? Yes No Yes Record/ Don't Record

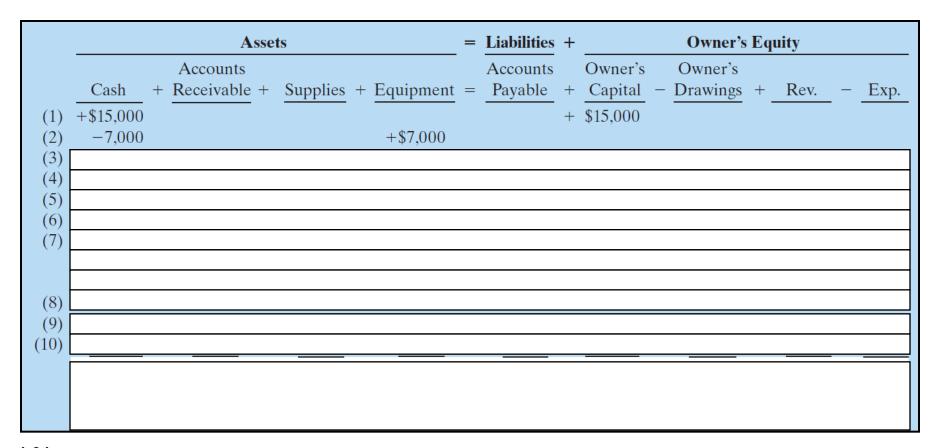
Transaction (1): Ray Neal decides to open a computer programming service which he names Softbyte. On September 1, 2020, Ray Neal invests \$15,000 cash in the business.

	Assets							Liabilities	+	Owner's Equity						
	Accounts							Accounts		Owner's		Owner's				
	Cash	+ Rec	eivable +	Supplies	+ <u>Eq</u> ı	uipment	=	Payable	+	Capital	- <u>I</u>	Drawings	+_	Rev.	_	Exp.
(1)																
(2)																
(3)																
(4) (5)																
(6)																
(7)																
_																
(8)																
(9)																
(10)																

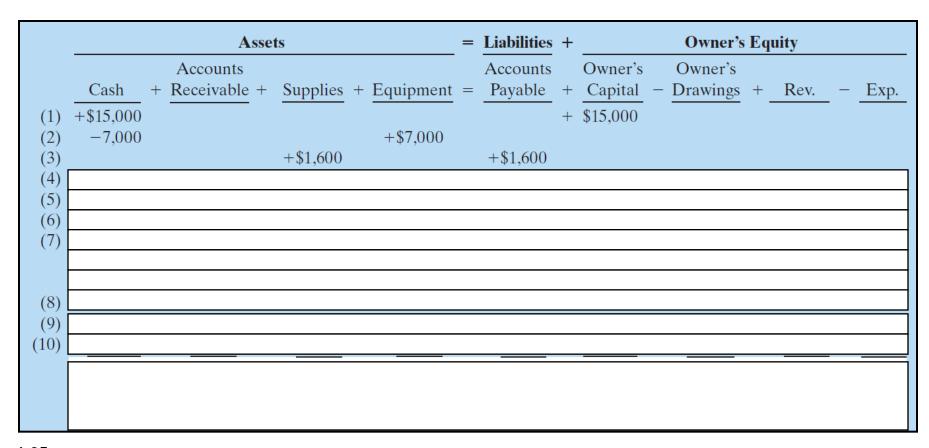
Transaction (2): Purchase of Equipment for Cash. Softbyte purchases computer equipment for \$7,000 cash.

	Assets						=	Liabilities	+	Owner's Equity						
	Accounts Cash + Receivable + Supplies + Equipment							Accounts		Owner's Owner		,	Dan		Deve	
(1)	Cash +\$15,000	+	Receivable +	Supplies	+	Equipment	_	Payable		\$15,000 - Draws	ings +		Kev.		Ехр.	
(2)	. 420,000									422,000						
(3) (4)																
(5)																
(6) (7)																
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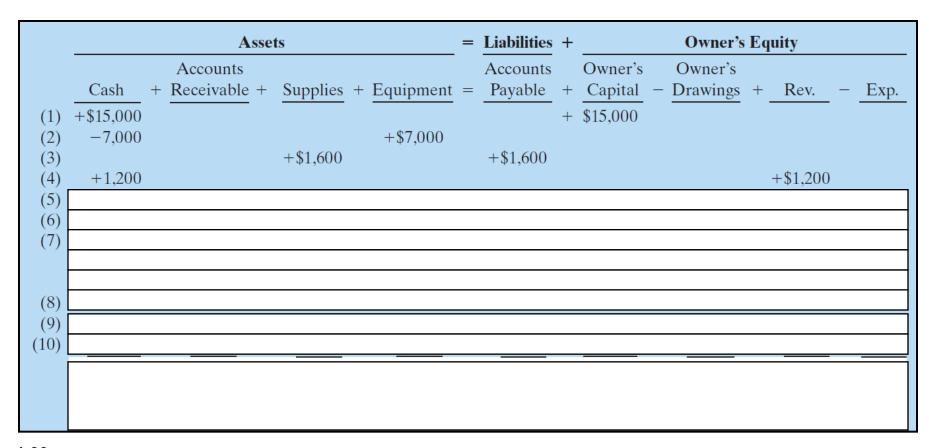
Transaction (3): Softbyte purchases for \$1,600 from Acme Supply Company computer paper and other supplies expected to last several months. The purchase is made on account.



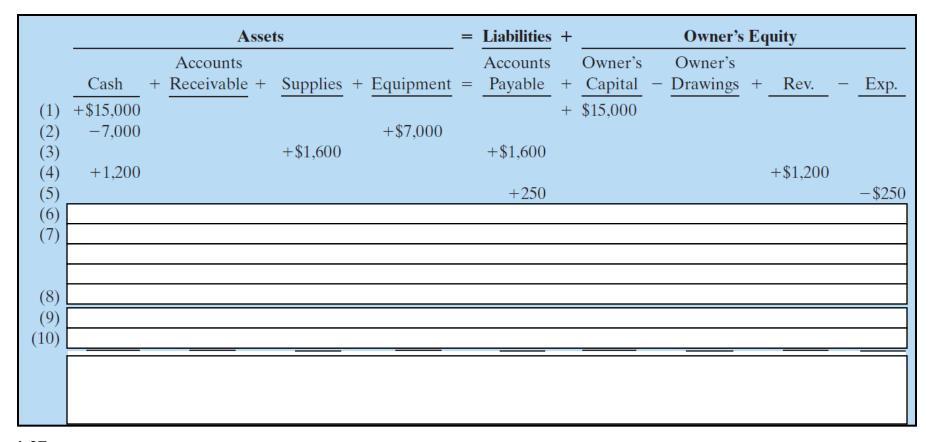
Transaction (4): Softbyte receives \$1,200 cash from customers for programming services it has provided.



Transaction (5): Softbyte receives a bill for \$250 from the Daily News for advertising but postpones payment until a later date.



Transaction (6): Softbyte provides \$3,500 of programming services for customers. The company receives cash of \$1,500 from customers, and it bills the balance of \$2,000 on account.



Transaction (7): Softbyte pays the following expenses in cash for September: store rent \$600, salaries of employees \$900, and utilities \$200.

		Asse	ts		=	Liabilities	+		Owner's	s Equity	
` /	+\$15,000	Accounts Receivable +	Supplies +		=	Accounts Payable	+	Owner's Capital \$15,000	Owner's - Drawings	+ <u>Rev.</u> -	- Exp.
(2) (3) (4) (5)	-7,000 +1,200	, # 2 000	+\$1,600	+\$7,000		+\$1,600 +250				+\$1,200	- \$250
(6) (7)	+1,500	+\$2,000								+3,500	
(8) (9)											
(10)											

Transaction (8): Softbyte pays its \$250 Daily News bill in cash.

			Asse	ts			=	Liabilities	+		Owner's	Equity	
			Accounts					Accounts		Owner's	Owner's		
	Cash	+	Receivable +	Supplies	+	Equipment	=	Payable	+	Capital -	Drawings	+ <u>Rev.</u> -	- Exp.
(1)	+\$15,000								+	\$15,000			
(2)	-7,000					+\$7,000							
(3)				+\$1,600				+\$1,600					
(4)	+1,200							250				+\$1,200	#25 0
(5)	. 1.500		. #2 000					+250				. 2.500	-\$250
(6)	+1,500		+\$2,000									+3,500	600
(7)	-600 -900												-600 -900
	-200												-200
(8)	200												200
(9)													i
(10)													

Transaction (9): Softbyte receives \$600 in cash from customers who had been billed for services [in Transaction (6)].

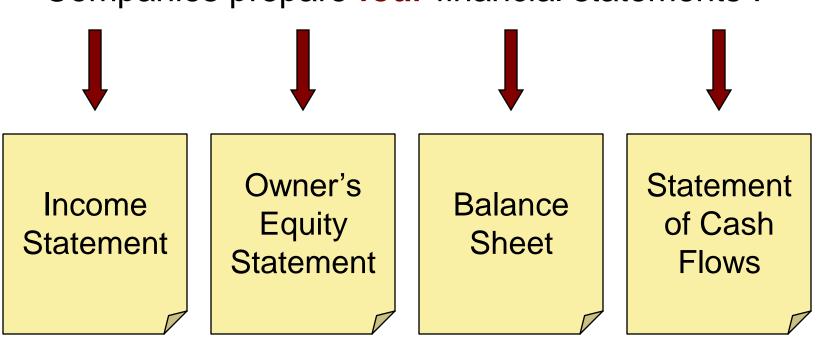
			A	sset	ts			=	Liabilities	+		Owner's	s E	quity	
			Accounts						Accounts		Owner's	Owner's			
	Cash	+	Receivable	+	Supplies	+	Equipment	=	Payable	+	Capital -	Drawings	+	Rev	- Exp.
(1)	+\$15,000)								+	\$15,000				
(2)	-7,000)					+\$7,000								
(3)					+\$1,600				+\$1,600						
(4))												+\$1,200	
(5)									+250					4. 7 00	-\$250
(6)			+\$2,000											+3,500	600
(7)															-600
	-900														-900 -200
(8)	-200 -250								-250						-200
(9))							-230						
(10)															-
(10)															

Transaction (10): Ray Neal withdraws \$1,300 in cash from the business for his personal use.

Illustration 1-8
Tabular summary of
Softbyte transactions

		Asse	ts		=	Liabilities	+		Owner's	s Equity	
		Accounts				Accounts		Owner's	Owner's		
	Cash	+ Receivable +	Supplies +	Equipment	=	Payable	+	Capital	Drawings	+ <u>Rev.</u>	– <u>Ехр.</u>
(1)	+\$15,000						+	\$15,000			
(2)	-7,000			+\$7,000							
(3)			+\$1,600			+\$1,600					
(4)	+1,200									+\$1,200	
(5)						+250					-\$250
(6)	+1,500									+3,500	
(7)	-600										-600
	-900										-900
	-200										-200
(8)	-250					-250					
(9)	+600	-600									
(10)											

Companies prepare four financial statements:



Question

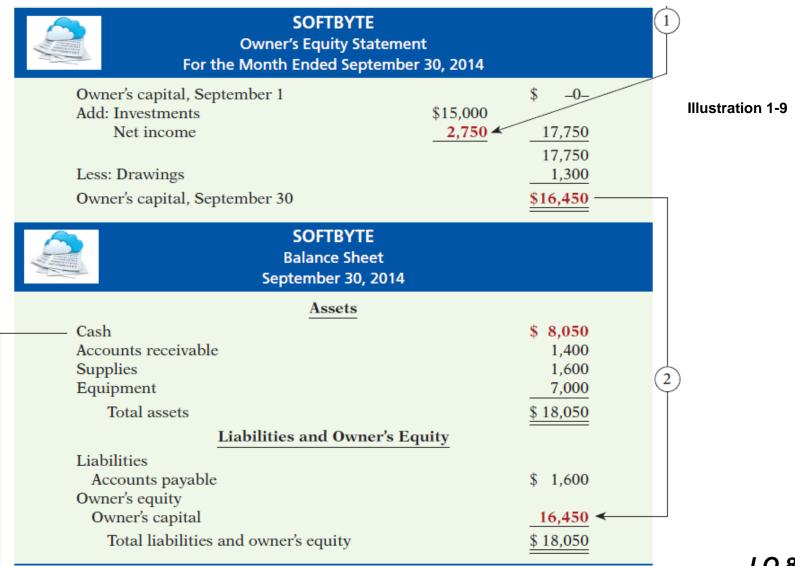
Net income will result during a time period when:

- a. assets exceed liabilities.
- b. assets exceed revenues.
- c. expenses exceed revenues.
- d. revenues exceed expenses.

Net income is needed to determine the ending balance in owner's equity.

SOFTBYTE Income Statement For the Month Ended September	30, 2014		
Revenues Service revenue Expenses Salaries and wages expense	\$900	\$ 4,700	Illustration 1-9 Financial statements and
Rent expense Advertising expense Utilities expense Total expenses	600 250 200	1,950	their interrelationships
Net income		\$ 2,750	
SOFTBYTE Owner's Equity Statement For the Month Ended September			
Owner's capital, September 1 Add: Investments Net income	\$15,000 2,750	\$ -0- 17,750	2
Less: Drawings Owner's capital, September 30		17,750 1,300 \$16,45 0	

The ending balance in owner's equity is needed in preparing the balance sheet



The balance sheet and income statement are needed to prepare statement of cash flows.

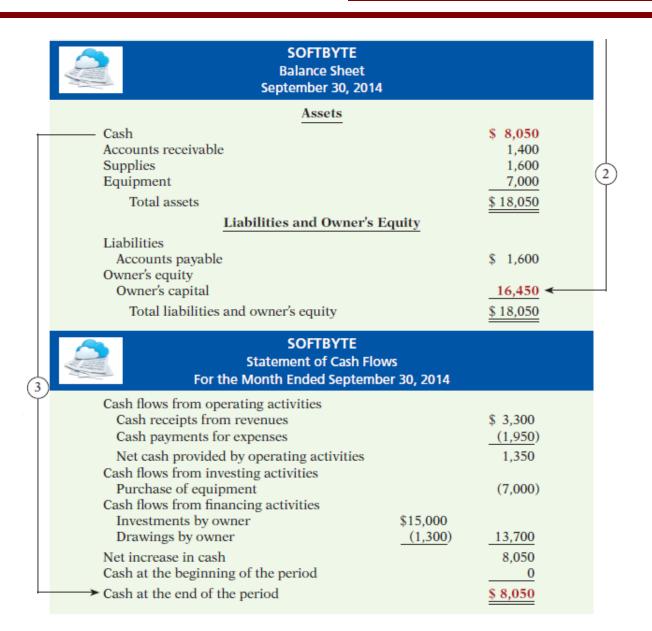


Illustration 1-9

Income Statement

- Reports the revenues and expenses for a specific period of time.
- Lists revenues first, followed by expenses.
- Shows net income (or net loss).

Alternative Terminology

The income statement is sometimes referred to as the statement of operations, earnings statement, or profit and loss statement.

Owner's Equity Statement

- Reports the changes in owner's equity for a specific period of time.
- The time period is the same as that covered by the income statement.

Balance Sheet

- Reports the assets, liabilities, and owner's equity at a specific date.
- Lists assets at the top, followed by liabilities and owner's equity.
- Total assets must equal total liabilities and owner's equity.
- Is a snapshot of the company's financial condition at a specific moment in time (usually the month-end or yearend).

Statement of Cash Flows

- Information for a specific period of time.
- Answers the following:
 - 1. Where did cash come from?
 - What was cash used for?
 - 3. What was the change in the cash balance?

Helpful Hint The income statement, owner's equity statement, and statement of cash flows are all for a period of time, whereas the balance sheet is for a point in time.

PEOPLE, PLANET, AND PROFIT INSIGHT



Beyond Financial Statements

Should we expand our financial statements beyond the income statement, owner's equity statement, balance sheet, and statement of cash flows? Some believe we should take into account ecological and social performance, in addition to financial results, in evaluating a company. The argument is that a company's responsibility lies with anyone who is influenced by its actions. In other words, a company should be interested in benefiting many different parties, instead of only maximizing stockholders' interests.

A socially responsible business does not exploit or endanger any group of individuals. It follows fair trade practices, provides safe environments for workers, and bears responsibility for environmental damage. Granted, measurement of these factors is difficult. How to report this information is also controversial. But many interesting and useful efforts are underway. Throughout this textbook, we provide additional insights into how companies are attempting to meet the challenge of measuring and reporting their contributions to society, as well as their financial results, to stockholders.



Why might a company's stockholders be interested in its environmental and social performance? (See page 48.)

Question

Which of the following financial statements is prepared as of a specific date?

- a. Balance sheet.
- b. Income statement.
- c. Owner's equity statement.
- d. Statement of cash flows.