Accounting in Business

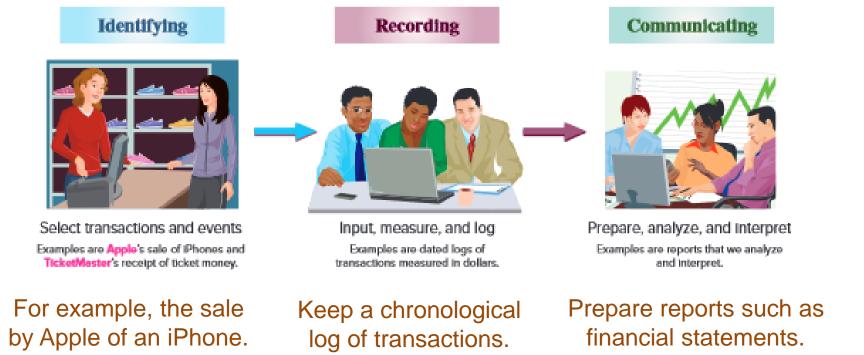
Chapter 1

Wild, Kwok, Venkatesh and Shaw Fundamental Accounting Principles

3rd Edition

Importance of Accounting

Exhibit 1.1



Accounting is an information and measurement system that identifies, records, and communicates an organization's business activities.

Users of Financial Information

Accounting is called the language of business because it communicates data that help people make better decisions. People using accounting information are divided into two groups: external users and internal users.

Financial Accounting



External users

- Lenders
- External auditors
- Shareholders
- Regulators
- Customers

Internal users

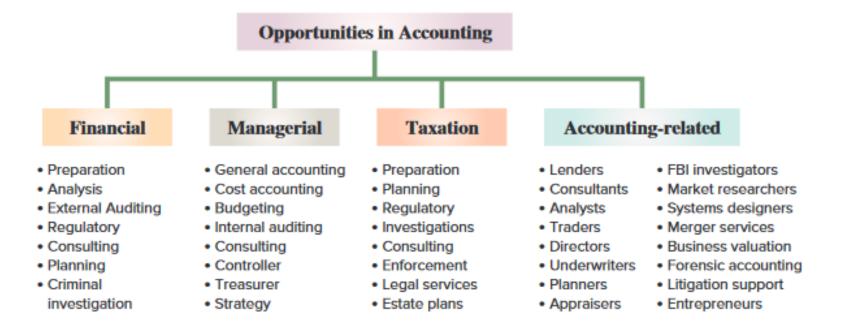


Managerial Accounting

- Research and development managers
- Purchasing managers
- Human resource managers
- Marketing managers
- Production managers
- Distribution managers

Opportunities in Accounting

Exhibit 1.2



Accounting information is in all aspects of our lives. When we earn money, pay taxes, invest savings, budget earnings, and plan for the future, we use accounting.

Discussion Question

Q: Identify four types of external users and describe how they use accounting information

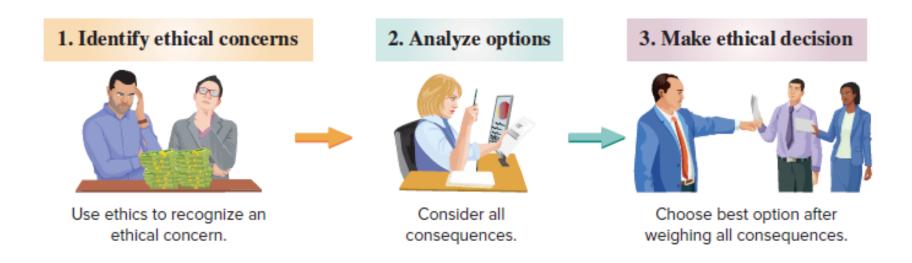
Discussion Question

Q: Identify four types of external users and describe how they use accounting information

Ethics – A Key Concept

Exhibit 1.3

For information to be useful, it must be trusted. This demands ethics in accounting. Ethics are beliefs that distinguish right from wrong. They are accepted standards of good and bad behavior.



Fraud Triangle

Exhibit 1.4

Three factors push a person to commit fraud: opportunity, pressure, and rationalization.



Generally Accepted Accounting Principles (GAAP)

Financial accounting is governed by concepts and rules known as **generally accepted accounting principles** (GAAP). GAAP wants information to have relevance and faithful representation.

International Standards

Our global economy demands comparability in accounting reports.

International Accounting Standards Board (IASB)

Issues International Financial Reporting Standards (IFRS)

International Financial Reporting Standards (IFRS)

Identifies preferred accounting practices

Principles, Assumptions and Constraint

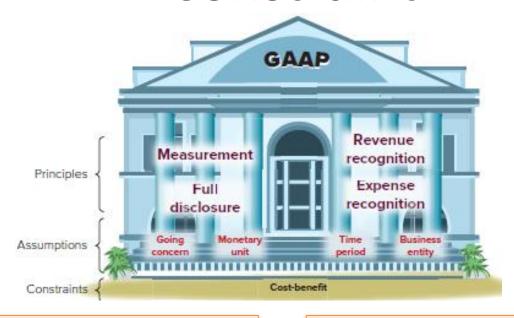


Exhibit 1.5

General principles are the assumptions, concepts, and guidelines for preparing financial statements.

Specific principles are detailed rules used in reporting business transactions and events.

Accounting Principles

Measurement Principle (Cost Principle)

Accounting information is based on actual cost. Information based on cost is considered objective.

Revenue Recognition Principle

- 1. recognize revenue when goods or services are provided to customers and
- 2. at an amount expected to be received from the customer.

Expense Recognition Principle (Matching Principle)

A company records its expenses incurred to generate the revenue reported.

Full Disclosure Principle

A company reports the details behind financial statements that would impact users' decisions in the notes to the financial statements.

Accounting Assumptions

Going-Concern Assumption

The business is presumed to continue operating instead of being closed or sold.

Monetary Unit Assumption

Transactions and events are expressed in monetary, or money, units.

Business Entity Assumption

A business is accounted for separately from other business entities, including its owner.

Time Period Assumption

The life of a company can be divided into time periods, such as months and years.

Accounting Constraint

Cost-benefit

Only information with benefits of disclosure greater than their cost need to be disclosed.

Materiality

Only information that would influence the decisions of a reasonable person need to be disclosed.

Qualitative Characteristics

Fundamental

- Relevance—Predictive value and confirmatory value
- Faithful representation—Complete, neutral, and free from error

Enhancing

- Comparability
- Verifiability
- Timeliness
- Understandability

Exhibit 1.6

Discussion Question

Q: A business reports its own office stationery on the balance sheet at its \$400 cost, although it cannot be sold for more than \$10 as scrap paper. Which accounting principle and/or assumption justifies this treatment?

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Q: A business reports its own office stationery on the balance sheet at its \$400 cost, although it cannot be sold for more than \$10 as scrap paper. Which accounting principle and/or assumption justifies this treatment?

Business Transaction and Accounting

The Accounting Equation

Assets = Liabilities + Equity

Expanded Accounting Equation:

Equity
Assets = Liabilities + Owner, Capital - Owner, Withdrawals + Revenues - Expenses

	Cinema	Fitness Centre	Car service centre	Gardener	Taste supermarket
Revenue					
Expenses					

1 - 20

	Cinema	Fitness Centre	Car service centre	Gardener	Taste supermarket
Assets					
Liabilities					
Stockholders' equity					

Transaction 1: Investment by Owner

Chas Taylor invests \$30,000 cash to start a business named FastFoward.

The accounts involved are:

(1) Cash (asset)



(2) C. Taylor, Capital (equity)



Transaction 1

Chas Taylor invests \$30,000 cash to start the business, *Fast Forward*.

	Assets	=	Liabilities	+	Equity	
(1)	Cash +\$30,000	=			C. Taylor, Capital +\$30,000 Owner investment	

Transaction 2: Purchase Supplies for Cash

Company purchases supplies by paying \$2,500 cash.

The accounts involved are:

(1) Cash (asset)

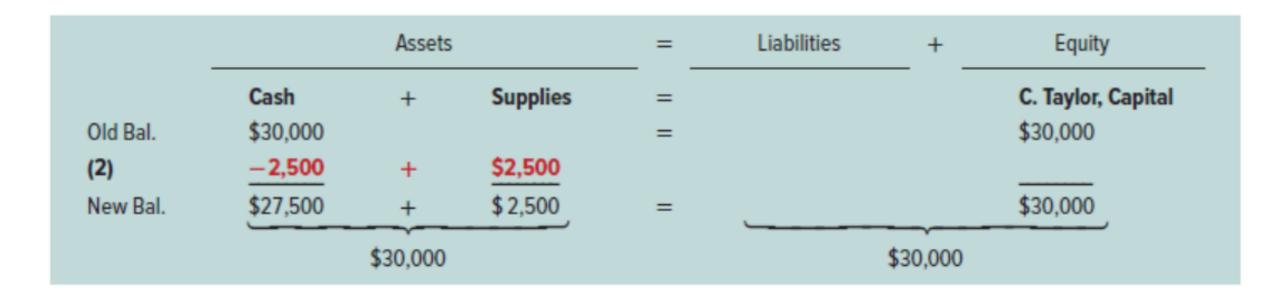


(2) Supplies (asset)



Transaction 2

Company purchases supplies by paying \$2,500 cash.



Transaction 3: Purchase Equipment for Cash

Purchases equipment for \$26,000 cash.

The accounts involved are:

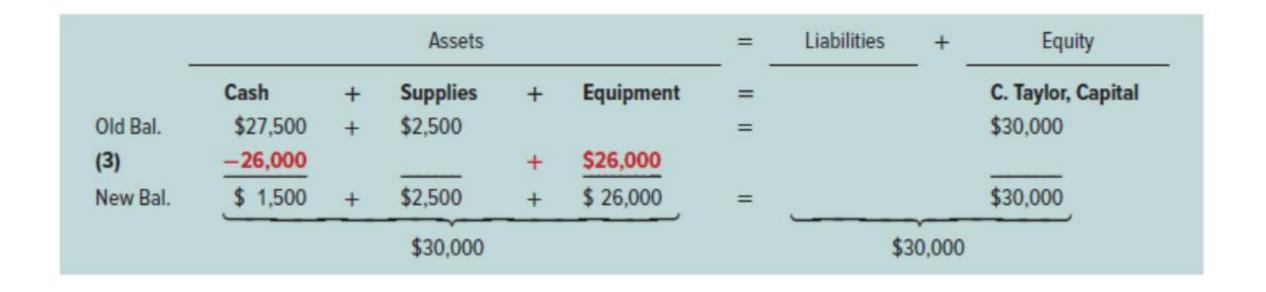


(1) Cash (asset)(2) Equipment (asset)



Transaction 3

Purchases equipment for \$26,000 cash.



Transaction 4: Purchase Supplies on Credit

Purchases supplies of \$7,100 on credit.

The accounts involved are:

(1) Supplies (asset)

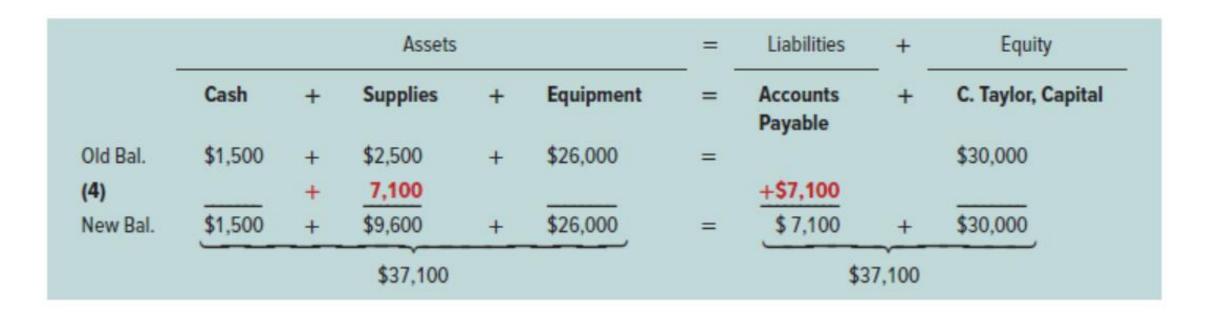


(2) Accounts Payable (liability)



Transaction 4

Purchases Supplies of \$7,100 on credit.



Transaction Analysis: Revenues, Expenses and Withdrawals

Now, let's look at transactions involving revenues, expenses and withdrawals.

Transaction 5: Provide Services for Cash

Provides <u>consulting services</u> to a customer and receives \$4,200 cash right away.

The accounts involved are:

- (1) Cash (asset)
- (2) Revenues (equity)

Transaction 5

Provides consulting services to a customer and receives \$4,200 cash right away.

_			Assets			_ = _	Liabilities	+	Equity		
	Cash	+	Supplies	+	Equipment	=	Accounts Payable	+	C. Taylor, Capital	+	Revenues
Old Bal.	\$1,500	+	\$9,600	+	\$26,000	=	\$7,100	+	\$30,000		
(5)	+4,200									+	\$4,200 Consulting
New Bal.	\$5,700	+	\$9,600	+	\$26,000	=	\$7,100	+	\$30,000	+	\$ 4,200
			\$41,300						\$41,300		

Transactions 6 and 7: Payment of Expenses in Cash

Pays rent of \$1,000 and salaries of \$700 to employees.

The accounts involved are:

- (1) Cash (asset)
- (2) Rent expense (equity)
- (3) Salaries expense 👚 (equity) 👢

Remember that the balances in the *Expense* accounts actually <u>increase</u>. But total Equity <u>decreases</u>, because expenses <u>reduce</u> equity.

Transactions 6 and 7

Pays rent of \$1,000 and salaries of \$700 to employees.

Increases in expenses yield decreases in equity.

			Assets			_ =	Liabilities	+	Equity				
	Cash	+	Supplies	+	Equipment	=	Accounts Payable	+	C. Taylor, Capital	+	Revenues	Ā	Expenses
Old Bal.	\$5,700	+	\$9,600	+	\$26,000	=	\$7,100	+	\$30,000	+	\$4,200		
(6)	-1,000											_	\$1,000 Rent
Bal.	4,700	+	9,600	+	26,000	=	7,100	+	30,000	+	4,200	_	1,000
(7)	- 700											_	700 Salaries
New Bal.	\$4,000	+	\$9,600	+	\$26,000	=	\$7,100	+	\$30,000	+	\$4,200	_	\$1,700
		_	\$39,600						\$	39,600			

Transaction 8: Provide Services and Facilities for Credit

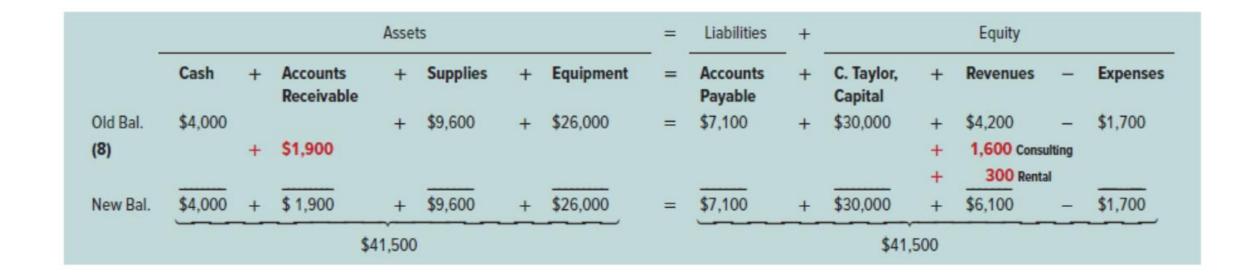
Provides consulting services of \$1,600 and rents facilities for \$300 to a customer for credit.

The accounts involved are:

- (1) Accounts receivable (asset)
- (2) Consulting Revenues (equity)
- (3) Rental Revenue (equity)

Transaction 8

Provides consulting services of \$1,600 and rents facilities for \$300 to a customer for credit.



Transaction 9: Receipt of Cash from Accounts Receivable

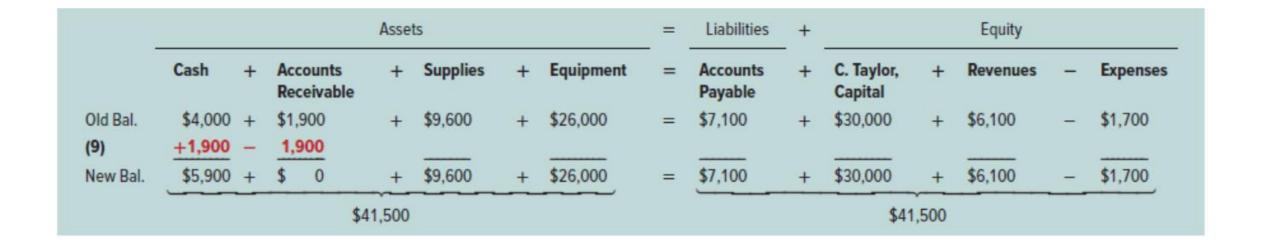
Client in transaction 8 pays \$1,900 for consulting services.

The accounts involved are:

- (1) Cash (asset)
- (2) Accounts receivable (asset) \-

Transaction 9

Client in transaction 8 pays \$1,900 for consulting services.



Transaction 10: Payment of Accounts Payable

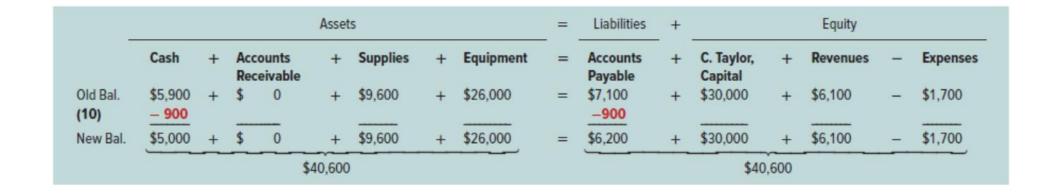
FastForward pays \$900 as partial payment for supplies purchased in transaction 4.

The accounts involved are:

- (1) Cash (asset) -
- (2) Accounts payable (liability) -

Transaction 10

FastForward pays \$900 as partial payment for supplies purchased in transaction 4.



Transaction 11: Withdrawal of Cash by Owner

Owner withdraws \$200 cash for personal use.

The accounts involved are:

- (1) Cash (asset)
- (2) C. Taylor, Withdrawals 👚 (equity) 👃

Remember that the Withdrawals account actually increases (just like our Expense accounts)

But total Equity decreases because withdrawals cause equity to go down!!

Transaction 11

Owner withdraws \$200 cash for personal use.

Increases in withdrawals yield decreases in equity. ____



Summary of Transactions

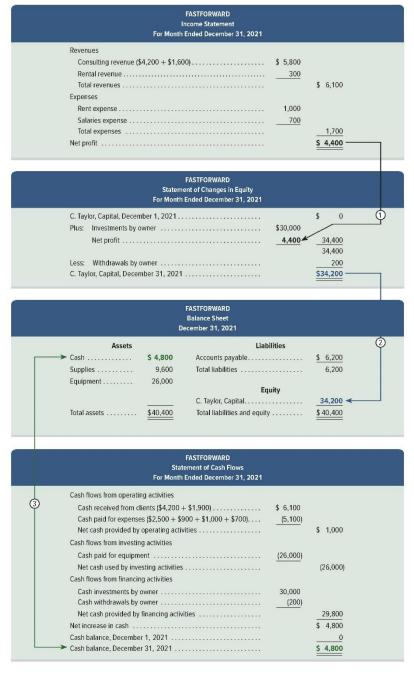
Exhibit 1.7

				Asset	e			_	Liabilities	+				Equi	tv		
	Cash	+	Accounts Receivable	+	Supplies	+	Equipment	=	Accounts Payable	+	C. Taylor, Capital	-	C. Taylor, Withdrawals	+	Revenues	_	Expenses
(1)	\$30,000							=			\$30,000						
(2)	- 2,500			+	\$2,500												
Bal.	27,500			+	2,500			=			30,000						
(3)	-26,000					+	\$26,000										
Bal.	1,500			+	2,500	+	26,000	=			30,000						
(4)				+	7,100			=	+\$7,100								
Bal.	1,500			+	9,600	+	26,000	=	7,100	+	30,000						
(5)	+ 4,200													+	\$4,200		
Bal.	5,700			+	9,600	+	26,000	=	7,100	+	30,000			+	4,200		
(6)	- 1,000													+		-	\$1,000
Bal.	4,700			+	9,600	+	26,000	=	7,100	+	30,000			+	4,200	-	1,000
(7)	– 700															-	700
Bal.	4,000			+	9,600	+	26,000	=	7,100	+	30,000			+	4,200	-	1,700
(8)		+	\$1,900											+	1,600		
														+	300		
Bal.	4,000	+	1,900	+	9,600	+	26,000	=	7,100	+	30,000				6,100	-	1,700
(9)	+ 1,900	-	1,900														
Bal.	5,900	+	0	+	9,600	+	26,000	=	7,100	+	30,000			+	6,100	-	1,700
(10)	- 900								_ 900								
Bal.	5,000	+	0	+	9,600	+	26,000	=	6,200	+	30,000			+	6,100	_	1,700
(11)	- 200											_	\$200				
Bal.	\$ 4,800	+	\$ 0	+	\$ 9,600	+	\$ 26,000	=	\$6,200	+	\$ 30,000	_	\$200	+	\$6,100	_	\$ 1,700

Financial Statements

Financial Statement	Layout	Purpose
Income statement (or statement of profit or loss)	Revenue - Expenses Net profit	Describes a company's revenues and expenses and computes net profit or loss over a period of time.
Statement of changes in equity	Beg. capital + Owner investments + Net profit - Withdrawals End. capital	Explains changes in owner's equity from owner investments, net profit (or loss), and any withdrawals over a period of time.
Balance sheet (or statement of financial position)	Assets = Liabilities + Equity	Describes a company's financial position (types and amounts of assets, liabilities, and equity) at a point in time.
Statement of cash flows	+/- Operating C.F. +/- Investing C.F. +/- Financing C.F. Change in cash	Identifies cash inflows (receipts) and cash outflows (payments) over a period of time.

Exhibit 1.8: Financial Statements and Their Links



The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

1a. For Company A, what is the amount of equity on Dec 31, Year 1?

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

1b. For Company A, what is the amount of equity on Dec 31, Year 2?

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

1c. For Company A, what is the amount of liabilities on Dec 31, Year 2?

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

2a. For Company B, what is the amount of equity on Dec 31, Year 1?

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

2b. For Company B, what is the amount of equity on Dec 31, Year 2?

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

2c. For Company B, what is the net profit for Year 2?

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	2	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	<u>?</u>	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

3. Compute the amount of assets for Company C on Dec 31, Year 2

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

4. Compute the amount of owner investment for Company D during Year 2

The following financial statement information is from five separate companies.

	Company A	Company B	Company C	Company D	Company E
December 31, Year 1					
Assets	\$55,000	\$34,000	\$24,000	\$60,000	\$119,000
Liabilities	24,500	21,500	9,000	40,000	?
December 31, Year 2					
Assets	58,000	40,000	?	85,000	113,000
Liabilities	?	26,500	29,000	24,000	70,000
During year Year 2					
Owner investments	6,000	1,400	9,750	?	6,500
Net profit (loss)	8,500	?	8,000	14,000	20,000
Owner cash withdrawals	3,500	2,000	5,875	0	11,000

5. Compute the amount of liabilities for Company E on Dec 31, Year 1

End of Chapter 1