

THIRD EDITION

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ABOUT THE AUTHORS

Jerry J. Weygandt, Ph.D., CPA, is Arthur Andersen Alumni Professor of Accounting at the University of Wisconsin-Madison. He holds a Ph.D. in accounting from the University of Illinois. Articles by Professor Weygandt have appeared in the Accounting Review, Journal of Accounting Research, the Journal of Accountancy, and other professional journals. These articles have examined such financial reporting issues as accounting for price-level adjustments, pensions, convertible securities, stock option contracts, and interim reports. He is a member of the American Accounting Association, the American Institute of Certified Public Accountants, and the Wisconsin Society of Certified Public Accountants. He has served on numerous committees of the American Accounting Association and as a member of the editorial board of the Accounting Review. In addition, he is actively involved with the American Institute of Certified Public Accountants and has been a member of the Accounting Standards Executive Committee (AcSEC) of that organization. He has served as a consultant to a number of businesses and state agencies on financial reporting issues and served on the FASB task force that examined the reporting issues related to "accounting for income taxes." Professor Weygandt has received the Chancellor's Award for Excellence in Teaching; he also has served as Secretary-Treasurer of the American Accounting Association. Recently he received the Wisconsin Institute of CPA's Outstanding Educator's Award.

Donald E. Kieso, Ph.D., CPA, received his bachelors degree from Aurora University and his doctorate in accounting from the University of Illinois. He has served as chairman of the Department of Accountancy and is currently the Peat Marwick Professor of Accountancy at Northern Illinois University. He has public accounting experience with Price Waterhouse & Co. (San Francisco and Chicago) and Arthur Andersen & Co. (Chicago) and research experience with the Research Division of the American Institute of Certified Public Accountants (New York). He has done postdoctorate work as a Visiting Scholar at the University of California at Berkeley and is a recipient of NIU's Teaching Excellence Award and the Executive MBA Golden Apple Teaching Award. Professor Kieso is the author of other accounting and business books and is a member of the American Accounting Association, the American Institute of Certified Public Accountants, the Financial Executives Institute, and the Illinois CPA Society. He has served as a member of the Board of Directors of the Illinois CPA Society, the Board of Governors of the American Accounting Association's Administrators of Accounting Programs Group, the AACSB's Accounting Accreditation and Visitation Committees, the State of Illinois Comptroller's Commission, as Secretary-Treasurer of the Federation of Schools of Accountancy, and as Secretary-Treasurer of the American Accounting Association. Professor Kieso is currently serving as a member of the Board of Directors of Aurora University, the chairman of the AAA/AECC Liaison Committee, the National Accounting Education Change Commission, and committees of the Illinois CPA Society. In 1988 he received the Outstanding Accounting Educator Award from the Illinois CPA Society, and in 1992 he received the FSA's Joseph A. Silvoso Award of Merit and the NIU Foundation's Humanitarian Award for Service to Higher Education.

Walter G. Kell, Ph.D., CPA, received his doctorate in accounting from the University of Illinois. He is Professor Emeritus of Accounting at the University of Michigan, where he has served as Chairman of the Department of Accounting.

He also has served as the Chairman of the Accounting Department of Syracuse University. He has been an active member of the American Institute of Certified Public Accountants and has served on its Committee on Auditing Procedure (predecessor to the Auditing Standards Board) and Auditing Standards Advisory Council. He is a past president of the American Accounting Association. Professor Kell has been a consulting editor and co-editor of the *Accountant's Handbook* and is the co-author of an auditing textbook. He is a member of the Michigan Association of Certified Public Accountants and has served on its Committee on Accounting and Auditing Procedures and Board of Directors. In 1986 Profesor Kell received the Association's Distinguished Service Award because of his significant contributions to the public accounting profession. He recently served as a member and chairman of the CPA Examination Review Board of the National Association of State Boards of Accountancy.

TO THE STUDENT

Welcome to your first course in accounting! We have good news for you. This textbook has been specifically designed to make your first accounting experience meaningful and interesting. You will be using a textbook that has met the test of the marketplace in previous editions. Each chapter contains special features that show you how accounting really works, and how you can use these features as a guide in studying each chapter. These features are highlighted below. We wish you every success in your first course in accounting.

$m{F}_{ m eatures}$ that Show You How Accounting Really Works

- Whether you realize it or not, accounting is a part of your life *right now*! Each chapter opens with a **Chapter-Opening Vignette**, a true story that shows you accounting in action on a college campus. These real-life scenarios will help you understand how accounting relates to your own life, and the role accounting plays in all our lives.
- Accounting in Action boxes within each chapter show you how real companies
 put accounting to work. You'll get special insight into business, ethics, and
 international problems and challenges real accountants face, and the role accounting plays in dealing with these issues.
- One of the most important tools in accounting is the computer. **Technology in Action** boxes show you how computers are continuing to revolutionize accounting, and how they are used in accounting practice today. These boxes will also give you some idea of what the future holds.

$oldsymbol{F}_{ ext{eatures}}$ that Guide You as You Study Each Chapter

- Before you begin a chapter, you'll see a **Concepts for Review** box that lists concepts and skills that you've encountered in previous chapters, and that you will see in the chapter to come. If you review these concepts before you start reading the chapter, the new material will be easier to understand. The page numbers after each concept in the box tell you where to turn to review any concepts you aren't clear about.
- You'll also find a list of Study Objectives at the beginning of each chapter.
 They tell you what you should be able to do after completing the chapter. For
 example, you might be asked to explain a concept, identify the steps to perform
 a particular computation, or interpret a type of statement. This helps you focus
 your attention on what you're expected to learn from the chapter right up front.
- To make sure you stay on track, each chapter includes **Before You Go On** sections. These sections appear in the middle of the text, and ask you to stop and answer a few brief questions before you continue reading. That way, you can check to make sure that you thoroughly understand each concept as it is being developed.
- Sometimes the theoretical discussion of a concept needs to be reinforced. To help you in such cases, your text includes **Helpful Hints** in the margins. These notes help to clarify the particular concept under discussion.
- Summary of Study Objectives appears at the end of each chapter. The Study Objectives listed at the beginning are now repeated with complete answers.

This ensures that you understand exactly what you are expected to know once you've completed the chapter.

- In this course you will be required to solve numerous exercises and problems. To give you some help, each chapter includes **Demonstration Problems**. You'll see how particular kinds of problems are solved in a step-by-step manner. You will also get lots of helpful hints to avoid common pitfalls.
- Accounting includes a lot of terms and concepts that will be unfamiliar to you
 at first. Each chapter includes an End-of-Chapter Glossary that defines all the
 major terms that were introduced in the chapter, so you can quickly refresh
 your memory as you study.

$m{F}$ eatures that Show You How You're Doing

as You Go Along

- An important element of successful study is knowing how you're doing so far.
 Self-Study Questions in each chapter allow you to check yourself so you'll know which topics you have mastered and which are giving you trouble. These multiple-choice questions are answered at the end of the chapter.
- **Brief Exercises** help you build your confidence and test your basic skills. Each brief exercise focuses on *one* of the study objectives listed at the beginning of the chapter.
- **Broadening Your Perspective** is a section at the end of every chapter that lets you put it all together. This section contains a Critical Thinking Case tied to the chapter-opening vignette, a Financial Reporting Problem, a Decision Case, and an Ethical Case. All of these cases let you integrate and coordinate all the concepts you've encountered in the chapter. In addition, they give you an opportunity to improve your communication skills.

All these features have been carefully interwoven to make the study of accounting as easy as possible for you. If you take advantage of the study features, we are confident that you will be pleased with your performance in accounting principles.

Special Supplements that Help You Get

the Best Grade You Can

Working Papers, Volume I: Chapters 1–14 and Volume II: Chapters 14–28

These partially completed accounting forms can be used in all end-of-chapter exercises, problems, and cases. They show you how to correctly set up solution formats.

Student Study Guide, Volume I: Chapters 1–14 and Volume II: Chapters 14–28

This item provides a comprehensive review of accounting! In addition to guiding you through chapter content and the Study Objectives, it gives you additional opportunities to practice your knowledge and skills. Each chapter includes: Study Tips, a Chapter Review consisting of 20–30 key points, a Demonstration Problem linked to study objectives in the textbook, and much more.

Self-Study Problems/Solutions Book

This tutorial is designed to improve your ability in solving accounting principles homework assignments and examination questions. It also provides additional insights and tips on how to study accounting.

Career Supplement

This valuable resource introduces you to the opportunities available in business for people with an accounting background. It gives a broad perspective of accounting and its many applications in business and presents various career paths.

Practice Sets

Practice sets expose you to a real-world simulation of maintaining a complete set of books for a business. You'll find that practice sets reinforce the concepts and procedures learned in each chapter of the textbook, and show you how they are all brought together to generate the accounting information that is essential in assessing the financial position and operating results of a company. The practice sets are:

Campus Cycle Shop: A Business Papers Practice Set Heritage Home Furniture Olympic Mowers Co.

General Ledger

An exciting new software supplement developed for the Third Edition, it allows you to solve selected end-of-chapter problems on a computer. It also allows you to do the Campus Cycle Shop and Heritage Home Furniture practice sets on a computer.

Solving Principles of Accounting Problems Using Lotus 1-2-3

These electronic spreadsheets (templates) allow you to complete selected endof-chapter exercises and problems using Lotus 1-2-3.

Computerized Study Guide

Microstudy is designed to reinforce the material and problems in the Student Study Guides I and II. It offers students both extensive review information and hundreds of self-testing questions from every chapter in the text. You can select from a number of self-study options including: chapter summaries; chapter learning objectives; and multiple choice questions. The multiple choice section of Microstudy offers explanations of why the wrong choices are not correct.

> Jerry J. Weygandt Donald E. Kieso Walter J. Kell

HOW TO USE THE STUDY AIDS IN THIS BOOK



2. Study Objectives

Provide a learning framework and appear at beginning of chapter and in main body of the text where addressed.

ACCOUNTING FOR

MERCHANDISING OPERATIONS

CONCEPTS FOR REVIEW

Before studying this chapter, you should know or, if neces

- a. How to prepare a work sheet. (Ch. 4, p. 133-7) b. How to close revenue, expense, and drawing ac-counts. (Ch. 4, p. 139-42) c. The steps in the accounting cycle. (Ch. 4, p. 146-7)

I. Concepts for Review

List accounting concepts you need to know in order to comprehend the topics discussed in the chapter. Gives page references if you need to review before reading the chapter.

3. Chapter Opening Vignettes

Help you understand how accounting topics relate to campus life through reallife scenarios.

arry Martin is in charge of procuring textbooks for the Washington State University bookstore in Pullman, Washington. The bookstore sells about \$4 million in textbooks each year. The average inventory at any point in time

Mr. Martin's big challenge is to order enough books to satisfy demand—but not too many. For example, say a course historically has sold 75 books. He'll order 85 to be on the safe side. The reason: if he orders short, he'll have to order additional books by second-day air express-which is expensive and cuts into profits. If Martin orders too many, the publisher won't accept for return more than 20% of his original order.

Of course, returns occur all the time, especially when students drop courses during the first week of class. If the returned books are in "new and resellable" condition, the publisher will accept return of such books and issue Mr. Martin a credit memo

Study Objectives

After studying this chanter, you should be

1. Identify the compo-nents in measuring net income in a merchan-dising company.

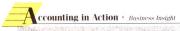
2. Explain the entries for sales revenues.

3. State the steps in determining cost of goods sold. 4. Explain the com

tation and importance of gross profit.

5. Identify the unique features of the income statement for a mer-chandising company. 6. Explain the steps in the accounting cycle for a merchandising

7. Distinguish between a multiple-step and a single-step income statement.





How high is too high? Returns can become so high that it is questionable whether sales revenue should have been recognized in the first place. An example of high returns is Florafax International Inc., a floral supply company, which was alleged to ship its product without customer authorization on 10 holiday occasions, including 8.562 shipments of its product to customers for Mother's Day and 6.575 for Secretary's Day. The return rate on these shipments went as high as 69% of sales. As one employee noted: "products went out the front door and came in the back door."

An offshoot of high returns is "channel stuffing," In channel stuffing, the seller "sells" its product by providing substantial inducement to buy. Although this helps the sellers' revenue in the short run, the long term can be devastating when the merchandise bought remains on the purchasers' shelves for a long period of time.

Sales Returns and Allowances is a contra revenue account to Sales. The normal balance of Sales Returns and Allowances is a debit. A contra account is used, instead of debiting Sales, to disclose the amount of sales returns and allowances in the accounts and in the income statement. Disclosure of this information is important to management: excessive returns and allowances suggest inferior merchandise, inefficiencies in filling orders, errors in billing customers, and mistakes in delivery or shipment of the goods. Moreover, a debit directly to Sales would obscure the relative importance of sales returns and allowances as

a percentage of sales. It also could disto different accounting periods.

Sales Discounts

The terms of a credit sale may include an discount, to the customer for prompt payr offers advantages to both parties. The pur to convert the accounts receivable into case

to convert the accounts receivable into cas. The credit terms specify the amount. They also indicate the length of time in w the full invoice price. In the sales invoice in 1/30, which is read "two-ten, net thirty." may be taken on the invoice price (less an made within 10 days of the invoice date invoice price less any returns or allowance Alternatively, the discount period may e following the month in which the sale occ month) means that a 1% discount is availinst 10 days of the next month. first 10 days of the next month.

first 10 days of the next month.
When the seller elects not to offer a casterns will specify only the maximum tim
For example, the time period may be state
When cash discounts are taken by c
counts. To illustrate, assume Chelsea Vide
(Sales \$3,800 less Sales Returns and Allow the discount period. The cash discount is cash paid by Chelsea is \$3,430 (\$3,500 - \$by Highpoint Electronic on May 15, the e

4. Accounting in Action

Presents insights into business, ethics, and international problems faced by accountants.

5. Technology in Action

Shows how computers are one of the most important tools to the accountant and users of accounting information.

CHAPTERS - Accounting for Merchandising Operations

Alternatively, passing up the discount may be viewed as paying an interest rate of 2% for the use of 53,500 for 20 days. This is the equivalent of an annual interest rate of 36% ($2\%\times360/20$). Obviously, it would be better for Chelsea Video to borrow at prevailing bank interest rates of 8-12% than to lose the discount.

So as not to miss purchase discounts, unpaid invoices should be filed by due dates. For example, Chelsea Video should have a file folder dated May 14 in which all bills to be paid on this date are filed. This procedure helps the purchaser remember the discount date. It also prevents early payment of bills and maximizes the time that available cash can be used for other business



many computer systems, the purchase of goods and the subsequent payment are closely linked. In many computer systems, the purchase of goods and the subsequent payment are closely inked. The due date, discount terms, and discount date are entered into the system along with the account names and dollar amounts. When the data have been entered and approved, the system can automatically generate payment checks by the discount date to cake advantage of any discounts offered. Such a level of automation may not be necessary for a small firm with only 10 to 20 suppliers. The advantages of such a system quickly surface, though, when hundreds of suppliers are used on a continuous basis, as is the case with many large retailers.

Freight Costs

The sales agreement should indicate whether the seller or the buyer is to pay the cost of transporting the goods to the buyer's place of business. When a common carrier such as a railroad, trucking company, or airline is used, the transportation company prepares a freight bill (often called a bill of lading) in accordance with the sales agreement. Freight terms are expressed as either FOB shipping point or FOB destination. The letters FOB mean free on board. Thus, FOB shipping hat goods are placed free on board the carrier by the seller, and the freight costs. Conversely, FOB destination means that the ed free on board at the buyer's place of business, and the seller at. For example, the sales invoice in Illustration 5-2 on page 182 reight is FOB shipping point. Thus, the buyer (Chelsea Video Inc.) It charges.

reight is ECD surperpretectages, the account Freight-in purchaser directly incurs the freight costs, the account Freight-inoin-in jis debited. For example, if upon delivery of the goods on Video Inc. pays Acme Freight Company \$150 for freight charges, helsea's books is:

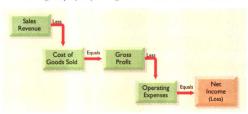
150 150 o record payment of freight, terms FOB shipping

Freight-in is a temporary account whose normal balance is a n is part of cost of goods purchased. The reason is that cost of ed should include any freight charges necessary to bring the goods

e 360 days rather than 365

Sales Revenue . 181

earning sales revenue. Examples of operating expenses are sales salaries, advertising expense, and insurance expense. The inco ne measurement process for a merchandising company may be diagrammed as shown in Illustration 5-1.



The operating expenses of a merchandising company include many of the expenses found in a service enterprise. Hence, this chapter focuses primarily on the recording of sales revenues and the related cost of goods sold that produce gross profit.

Sales Revenue

In accordance with the revenue recognition principle, sales revenues, like service revenues, are recorded when earned. Typically, sales revenues are carned when the goods are transferred from the seller to the buyer. At this point, the sales transaction is completed and the sales price is established.

Sales may be made on credit or for cash. Department stores such as J.C. Penney and Sears have significant amounts of both types of sales. Grocery stores such as Safeway and Kroger normally have cash sales. Wholesalers generally sell most goods on credit. Every sales transaction should be supported by a business

Study Objective 2 Explain the entries for

6. Color Illustrations

Use color as a pedagogical tool to enhance understanding and learning.

7. Before You Go On

Serves as a learning check. If you cannot answer these questions, you should reread the prior section(s) before continuing.

> (2) The form is simpler and easier to read than the multiple-step for work problems, the single-step form of income statement should when it is specifically requested.

ccounting in Action · Business Insight

Walgreen Co., Munsingwear, Inc., and Black and Decker are among many comp multiple-step form of income statement. Companies that use the single-step General Electric, and Goodyear Tire & Rubber. The PepsiCo income statement has a ppendix at the end of this textbook. In a recent survey of 600 of the large the United States, 368 employed the multiple-step form and 232 employed the s statement format.

- What features are found in the income statement of a merchandising cor in the income statement of a service enterprise?
- 2. How is the beginning and ending merchandise inventory shown in a w
- 3. What are nonoperating activities and how are they reported in the inco
- 4. How does a single-step income statement differ from a multiple-step in

Statement Presentation

As contra revenue accounts, sales returns and allowances and sales discounts are deducted from sales in the income statement to arrive at net sales. The sales revenues section of the income statement based on assumed data for Highpoint Electronic is as follows

HIGHPOINT ELECTRONIC, INC.
Partial Income Statement Sales revenues \$480,000 Less: Sales returns and allowances Sales discounts \$12,000 8,000 20,000 Net sales

This presentation discloses the significant aspects of the company's principal revenue producing activities.

Before You Go On . .

- 1. How do the components in measuring net income in a merchandising company differ from those in a service enterprise?
- 2. What entries are made to record sales, sales returns and allowances, and sales discounts?
- 3. How are sales and contra revenue accounts reported in the income statement?

Cost of Goods Sold

As you learned earlier in this chapter, the second factor in measuring net income in a merchandising company is the cost of goods sold. The cost of goods sold may be determined each time a sale occurs or at the end of an accounting period. To make the determination when the sale occurs or at the end of an accounting period.

To make the determination when the sale occurs, a company uses a perpetual inventory system. Under this system, detailed records of the cost of each inventory item are maintained and continuously show the inventory that should be on hand. For example, a Ford dealership will have separate inventory records for each Escort, Tempo, Taurus, and Thunderbird. When a car is sold, its cost is

Study Objective 3

State the steps in determining goods sold.

Summary of Study Objectives

- 1. Identify the components in measuring net income in a merchandising company. The major components in measuring net income in a merchandising com-pany are sales revenue, cost of goods sold, and oper-ating expenses.
- 2. Explain the entries for sales revenues. In recording sales revenues, entries are required for (a) cash and credit sales, (b) sales returns and allowances, and (c) sales discounts.
- 3. State the steps in determining cost of goods sold. The steps in determining cost of goods sold are (a) recording the purchase of merchandise, (b) deter-mining the cost of goods purchased, and (c) deter-mining the cost of goods on hand at the beginning and end of the accounting period.
- 4. Explain the computation and importance of gross profit. Gross profit is computed by subtracting cost of goods sold from net sales. Gross profit represents the merchandising profit of a company, and the

amount and trend of gross profit is closely watched by management and other interested parties.

- 5. Identify the unique features of the income statement for a merchandising company. The income statement for a merchandising company contains three sections: sales revenues, cost of goods sold, and operating expenses.
- 6. Explain the steps in the acounting cycle for a merchandising company. Each of the required steps in the accounting cycle for a service enterprise applies to a merchand
- 7. Disting step incon ment show come inclusive step incom is determ

8. Marginal Notations of Study Objectives

Signal where objectives listed at beginning of chapter are discussed in context. Endof-chapter exercise and problem material is also keyed to study objectives.

204 CHAPTERS • Accounting for Merchandising Operations

APPENDIX C Adjusting Entry Method for Merchandise Inventory

Study Objective

After studying Appendix C you should be

8. Explain how the adjusting entry method is used in the work sheet. As stated in this chapter, the change between the beginning and ending inventory balances may be made through adjusting entries rather than through closing entries. Some favor this method because they believe that changes in merchandise inventory should receive the same accounting treatment as changes in the cost of supplies on hand between two points in time. The adjusting entry method is just as acceptable as the closing entry method, and it accomplishes the same objective.

The adjusting entry method affects several steps in the accounting cycle, beginning with the use of a work sheet. Again, these effects are explained and illustrated using Highpoint Electronic as an example.

Using a Work Sheet

In Illustration C-1, you will see a work sheet similar to the work sheet presented in the chapter (Illustration 5-12). The major difference in these two work sheets relates to merchandise inventory. In Illustration C-1, the accounting for mer-chandise inventory uses the adjusting entry method. In Illustration 5-12, the clos-ing entry method was used. The unique accounts for the adjusting entry method are shown in capital letters in red.

echnology in Action

The adjusting entry method is used in most computerized systems since the programming logic involved is more straightforward. That is, in a computerized system, the corbooks will close all the temporary accounts to Income Summary. However, not been adjusted, it will not be up-to-date and therefore a misstatement of countants favor the adjusting entry method in manual systems as well.

9. End-of-Chapter Appendix

Addresses topics considered optional by some instructors.

Summary of Study Objectives • 203

(2) The form is simpler and easier to read than the multiple-step form. For homework problems, the single-step form of income statement should be used only when it is specifically requested.



Walgreen Co., Mussingwear, Inc., and Black and Decker are among many companies that use the multiple-step form of income statement. Companies that use the single-step include PepsiCo. General Electric, and Goodyear Tire & Rubber. The PepsiCo income statement is illustrated in the appendix at the end of this textbook. In a recent survey of 600 of the largest companies in the United States, 368 employed the multiple-step form and 232 employed the single-step income statement format.



Before You Go On . .

- 1. What features are found in the income statement of a merchandising company that are not in the income statement of a service enterprise?
- 2. How is the beginning and ending merchandise inventory shown in a work sheet?
- 3. What are nonoperating activities and how are they reported in the income statement?
- 4. How does a single-step income statement differ from a multiple-step income statement?

Summary of Study Objectives

- Identify the components in measuring net income in a merchandising company. The major components in measuring net income in a merchandising company are sales revenue, cost of goods sold, and operating expenses.
- Explain the entries for sales revenues. In recording sales revenues, entries are required for (a) cash and credit sales, (b) sales returns and allowances, and (c) sales discounts.
- 3. State the steps in determining cost of goods sold. The steps in determining cost of goods sold are (a) recording the purchase of merchandise, (b) determining the cost of goods purchased, and (c) determining the cost of goods on hand at the beginning and end of the accounting period.
- 4. Explain the computation and importance of gross profit. Gross profit is computed by subtracting cost of goods sold from net sales. Gross profit represents the merchandising profit of a company, and the

amount and trend of gross profit is closely watched by management and other interested parties.

- 5. Identify the unique features of the income statement for a merchandising company. The income statement for a merchandising company contains three sections: sales revenues, cost of goods sold, and operating expenses.
- 6. Explain the steps in the acounting cycle for a merchandising company. Each of the required steps in the accounting cycle for a service enterprise applies to a merchandising company. A work sheet is again an optional step.
- 7. Distinguish between a multiple-step and a singlestep income statement. A multiple-step income statement shows numerous steps in determining het instep income statement all data are classified under two categories, revenues or expenses, and net income is determined by one step.

10. Summary of Study Objectives Repeats study objectives with brief summary to ensure your understanding.

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11. Glossary

Reviews all the new accounting terms introduced in chapter and provides page reference.

GLOSSARY

Administrative expenses Expenses relating to general operating activities such as personnel management, accounting, and store security. (p. 202).

Cost of goods available for sale • The sum of the beginning merchandise inventory plus the cost of goods purchased. (p. 191).

Cost of goods purchased \cdot The sum of net purchases plus freight-in. (p. 189).

Cost of goods sold • The total cost of merchandise sold during the period, determined by subtracting ending inventory from the cost of goods available for sale. (p. 180).

Credit memorandum · A document issued by a seller to inform a customer that a credit has been made to the customer's account receivable for a sales return or allowance. (p. 183).

Debit memorandum · A document issued by a buyer to inform a seller that a debit has been made to the seller's account because of unsatisfactory merchandise. (p. 186).

FOB destination · Freight terms indicating that the goods will be placed free on board at the buyer's place of business, and the seller pays the freight costs. (p. 188).

FOB shipping point · Freight terms indicating that goods are placed free on board the carrier by the seller, and the buyer pays the freight costs. (p. 188).

 $Gross\ profit$ · The excess of net sales over the cost of goods sold. (p. 180).

Income from operations • Income from a company's principal operating activity determined by subtracting cost of goods sold and operating expenses from net sales. (p. 201).

Multiple-step income statement • An income statement that shows numerous steps in determining net income (or net loss), including operating and non-operating sections. (p. 200).

Net purchases · Purchases less purchase returns and allowances and purchase discounts. (p. 189).

Net sales · Sales less sales returns and allowances and sales discounts. (p. 185).

Operating expenses · Expenses incurred in the process of earning sales revenues that are deducted from gross profit in the income statement. (p. 180).

Other expenses and losses · A nonoperating section of the income statement that shows expenses from auxiliary operations and losses unrelated to the company's operations. (p. 200).

Other revenues and gains • A nonoperating section of the income statement that shows revenues from auxiliary operations and gains unrelated to the company's operations. (p. 200).

Periodic inventory system • An inventory system in which detailed records are not maintained and the cost of goods sold is determined only at the end of an accounting period. (p. 186).

Perpetual inventory system · A detailed inventory system in which the cost of each inventory item is maintained and the records continuously show the inventory that should be on hand. (p. 185).

Purchase discount · A cash discount claimed by a buyer for prompt payment of a balance due. (p. 187).

Purchase invoice · A document that supports each credit purchase. (p. 186).

Sales discount \cdot A reduction given by a seller for prompt payment of a credit sale. (p. 184).

Sales invoice · A document that provides support for credit sales. (p. 181).

 $\textbf{Sales revenue} \cdot \text{Primary source of revenue in a merchandising company. (p. 180)}.$

Selling expenses · Expenses associated with the making of sales. (p. 202).

Single-step income statement · An income statement that shows only one step in determining net income (or net loss). (p. 202).

made to the customer's account receivable for a sales return or allowance. (p. 183).

Debit memorandum • A document issued by a buyer to inform a seller that a debit has been made to the seller's account because of unsatisfactory merchandise. (p. 186).

FOB destination · Freight terms indicating that the goods will be placed free on board at the buyer's place of business, and the seller pays the freight costs. (p. 188).

FOB shipping point - Freight terms indicating that goods are placed free on board the carrier by the seller, and the buyer pays the freight costs. (p. 188).

Gross profit • The excess of net sales over the cost of goods sold. (p. 180).

Income from operations • Income from a company's principal operating activity determined by subtracting cost of goods sold and operating expenses from net sales. (p. 201).

Multiple-step income statement • An income statement that shows numerous steps in determining net income (or net loss), including operating and non-operating sections. (p. 200).

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Sales revenue · Primary source of revenue in a merchandising company. (p. 180).

Selling expenses \cdot Expenses associated with the making of sales. (p. 202).

Single-step income statement · An income statement that shows only one step in determining net income (or net loss). (p. 202).

Helpful hint

1. Make sure in the adjusted trial balance that debits and credits are equal before transferring amounts to the income statement and balance.

income statement and balanc sheet columns.

2. Transfer all amounts in the adjusted trial balance to either the income statement or balance sheet columns.

3. The merchandise inventory reported in the adjusted trial balance is the beginning inventory.

inventory.

4. Record the ending inventory by debiting the balance sheet column and crediting the income statement column.

5. The net income or net loss is the reconciling item in both the income statement and the

12. Demonstration Problems

Provide a sample problem before you begin homework.

DEMONSTRATION PROBLEM

The adjusted trial balance columns of the work sheet for the year ended December 31, 1993, for the Dykstra Company are as follows Debit 5 14,500 Accumulated Depreciation 11,100 Notes Payable 32,000 Accounts Payable 2,500 Gene Dykstra, Capital 95,000 Sales 5 18,000 25,000 10,600 81,000 520,000 Accounts Receivable Merchandise Inventory Prepaid Insurance Store Equipment

Gene Dykstra, Drawing	12,000	Purchase Returns and Allowances	9,600
Sales Returns and Allowances	6,700	Purchase Discounts	7,200
Sales Discounts	5,000	Interest Revenue	2,500
Purchases	352,000		\$673,900
Freight-in	8,400		40107500
Freight-out	7,600		
Advertising Expense	12,000		
Store Salaries Expense	56,000		
Utilities Expense	18,000		
Rent Expense	24,000		
Depreciation Expense	9,000		
Insurance Expense	4,500		
Interest Expense	3,600		
	\$673,900		

ing that ending merchandise inventory is \$29,000.

(b) Prepare an income statement assuming the Dykstra Company does not use subgroupings for operating expenses.

DYKSTRA COMPANY

Solution to Demonstration Problem

Dr. Cr. Dr. Cr. Dr.	Work Sheet For the Year Ended December 31, 1993					
Caso 14,500 14,500 Accounts Receivable 11,100 11,100 Merchandise Inventory 32,000 32,000 29,000 29,000 Prepaid Insurance 2,500 2,500 2,500 Store Equipment 95,000 95,000 4 Accumulated Depreciation 18,000 2 2 Notes Payable 25,000 2 2 Gene Dykstra, Capital 81,000 1 1 Gene Dykstra, Drawing 12,000 12,000 1 Sales 520,000 6,700 520,000 1	Balance Sheet					
Accounts Receivable	Cr.					
Merchandise Inventory 32,000 32,000 29,000 29,000 Prepaid Insurance 2,500 2,500 2,500 Store Equipment 95,000 95,000 2,500 Accumulated Depreciation 18,000 2 2 Notes Payable 25,000 1 1 Accounts Payable 10,600 1 1 Gener Dykstra, Capital 81,000 1 12,000 Gene Dykstra, Drawing 12,000 520,000 520,000 Sales 50,000 6,700 6,700 6,700	-					
Prepaid Insurance 2,500 2,500 Store Equipment 95,000 95,000 Accumulated Depreciation 18,000 1 Notes Payable 25,000 1 Accounts Payable 10,600 1 Gene Dykstra, Capital 12,000 12,000 Gene Dykstra, Drawing 12,000 520,000 Sales 6,700 6,700						
Store Equipment 95,000 95,000 Accumulated Depreciation 18,000 2 Notes Payable 25,000 2 Accounts Payable 10,600 1 Gene Dykstra, Capital 81,000 8 Gene Dykstra, Drawing 12,000 520,000 Sales 520,000 520,000 Sales Returns and Allowances 6,700 6,700						
Accumulated Depreciation 18,000 1 Notes Payable 25,000 2 Accounts Payable 10,600 1 Gene Dykstra, Capital 12,000 1 Gene Dykstra, Drawing 12,000 12,000 Sales 520,000 520,000 Sales Returns and Allowances 6,700 6,700						
Notes Payable 25,000 2 Accounts Payable 10,600 8 Gene Dykstra, Capital 81,000 8 Gene Dykstra, Drawing 12,000 12,000 Sales 520,000 520,000 Sales Returns and Allowances 6,700 6,700						
Accounts Payable 10,600 1 Gene Dykstra, Capital 81,000 12,000 Gene Dykstra, Drawing 12,000 520,000 Sales 520,000 6,700	18,000					
Accounts Payable 10,600 1 Gene Dykstra, Capital 81,000 8 Gene Dykstra, Drawing 12,000 12,000 Sales 520,000 520,000 Sales Returns and Allowances 6,700 6,700	25,000					
Gene Dykstra, Drawing 12,000 12,000 12,000 Sales Seturns and Allowances 6,700 6,700 6,700	10,600					
Sales 520,000 520,000 Sales Returns and Allowances 6,700 6,700	81,000					
Sales Returns and Allowances 6,700 6,700						
Sales Discounts 5 000 5 000						
Purchases 352,000 352,000						
Purchase Returns and						
Allowances 9,600 9,600						
Purchase Discounts 7,200 7,200						
Freight-in 8,400 8,400						
Freight-out 7,600 7,600						
Advertising Expense 12,000 12,000						
Store Salaries Expense 56,000 56,000						
Utilities Expense 18,000 18,000						
Rent Expense 24,000 24,000						
Depreciation Expense 9,000 9,000						
Insurance Expense 4,500 4,500						
Interest Expense 3,600 3,600						
Interest Revenue 2,500 2,500						
Totals 673,900 673,900 538,800 568,300 164,100 13	34,600					
Net Income 29,500 2	29,500					
	64,100					

13. Solutions

Show you how the problem should be solved.

14. Helpful Hints

Give tips for avoiding common pitfalls.