

Chapter 7

Variable Costing: A Tool for Management

Solutions to Questions

7-1 Absorption and variable costing differ in how they handle fixed manufacturing overhead. Under absorption costing, fixed manufacturing overhead is treated as a product cost and hence is an asset until products are sold. Under variable costing, fixed manufacturing overhead is treated as a period cost and is expensed on the current period's income statement.

7-2 Selling and administrative expenses are treated as period costs under both variable costing and absorption costing.

7-3 Under absorption costing, fixed manufacturing overhead costs are included in product costs, along with direct materials, direct labor, and variable manufacturing overhead. If some of the units are not sold by the end of the period, then they are carried into the next period as inventory. When the units are finally sold, the fixed manufacturing overhead cost that has been carried over with the units is included as part of that period's cost of goods sold.

7-4 Absorption costing advocates argue that absorption costing does a better job of matching costs with revenues than variable costing. They argue that all manufacturing costs must be assigned to products to properly match the costs of producing units of product with the revenues from the units when they are sold. They believe that no distinction should be made between variable and fixed manufacturing costs for the purposes of matching costs and revenues.

7-5 Advocates of variable costing argue that fixed manufacturing costs are not really the cost

of any particular unit of product. If a unit is made or not, the total fixed manufacturing costs will be exactly the same. Therefore, how can one say that these costs are part of the costs of the products? These costs are incurred to have the capacity to make products during a particular period and should be charged against that period as period costs according to the matching principle.

7-6 If production and sales are equal, net operating income should be the same under absorption and variable costing. When production equals sales, inventories do not increase or decrease and therefore under absorption costing fixed manufacturing overhead cost cannot be deferred in inventory or released from inventory.

7-7 If production exceeds sales, absorption costing will usually show higher net operating income than variable costing. When production exceeds sales, inventories increase and under absorption costing part of the fixed manufacturing overhead cost of the current period is deferred in inventory to the next period. In contrast, all of the fixed manufacturing overhead cost of the current period is immediately expensed under variable costing.

7-8 If fixed manufacturing overhead cost is released from inventory, then inventory levels must have decreased and therefore production must have been less than sales.

7-9 Under absorption costing net operating income can be increased by simply increasing

Chapter 7 Managerial Accounting Solutions

**John Ellis Price, M. David
Haddock, Horace R. Brock**



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Managerial Accounting Cecily A. Raiborn,2004

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Table of Contents Chapter 7 Managerial Accounting Solutions

1. Understanding the eBook Chapter 7 Managerial Accounting Solutions
 - The Rise of Digital Reading Chapter 7 Managerial Accounting Solutions
 - Advantages of eBooks Over Traditional Books
2. Identifying Chapter 7 Managerial Accounting Solutions
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Chapter 7 Managerial Accounting Solutions
 - User-Friendly Interface

4. Exploring eBook Recommendations from Chapter 7 Managerial Accounting Solutions
 - Personalized Recommendations
 - Chapter 7 Managerial Accounting Solutions User Reviews and Ratings
 - Chapter 7 Managerial Accounting Solutions and Bestseller Lists
5. Accessing Chapter 7 Managerial Accounting Solutions Free and Paid eBooks
 - Chapter 7 Managerial Accounting Solutions Public Domain eBooks
 - Chapter 7 Managerial Accounting Solutions eBook Subscription Services
 - Chapter 7 Managerial Accounting Solutions Budget-Friendly Options
6. Navigating Chapter 7 Managerial Accounting Solutions eBook Formats
 - ePub, PDF, MOBI, and More
 - Chapter 7 Managerial Accounting Solutions Compatibility with Devices
 - Chapter 7 Managerial Accounting Solutions Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Chapter 7 Managerial Accounting Solutions
 - Highlighting and Note-Taking Chapter 7 Managerial Accounting Solutions
 - Interactive Elements Chapter 7 Managerial Accounting Solutions
8. Staying Engaged with Chapter 7 Managerial Accounting Solutions
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Chapter 7 Managerial Accounting Solutions
9. Balancing eBooks and Physical Books Chapter 7 Managerial Accounting Solutions
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Chapter 7 Managerial Accounting Solutions
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Chapter 7 Managerial Accounting Solutions
 - Setting Reading Goals Chapter 7 Managerial Accounting Solutions
 - Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Chapter 7 Managerial Accounting Solutions
 - Fact-Checking eBook Content of Chapter 7 Managerial Accounting Solutions
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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