



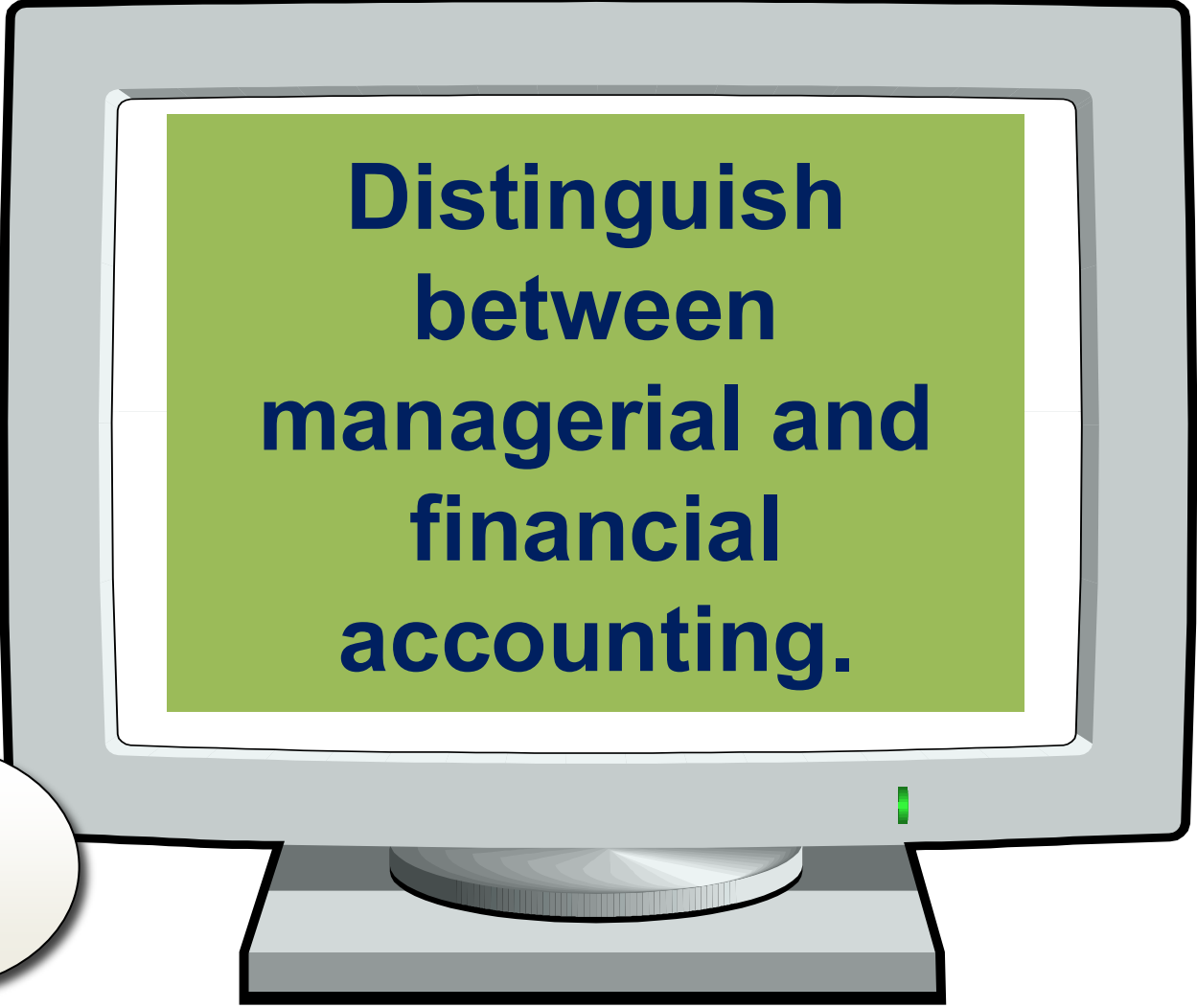
DEPT. MANAGEMENT & LAW  
BACHELOR DEGREE IN BUSINESS ADMINISTRATION & ECONOMICS

***COURSE***  
***Cost Analysis for Business Decisions***

# **Managerial Accounting, Planning & Control**

**Dr. Gabriele Palozzi**  
[\*\*palozzi@economia.uniroma2.it\*\*](mailto:palozzi@economia.uniroma2.it)

# Learning Objective



**Distinguish  
between  
managerial and  
financial  
accounting.**



**LO1**

# Managerial Accounting

## What is Managerial Accounting?

It is the process of identifying, measuring, accumulating, analyzing, preparing, interpreting, and communicating information that managers use to fulfill organizational objectives.

# What is a Cost?

Cost is a sacrifice of resources.



# Presentation of Costs in Financial Statements

## RPE ASSOCIATES Income Statement For the Year Ended December 31, Year 2 (\$000)

|                                          |                        |
|------------------------------------------|------------------------|
| Revenues .....                           | \$32,000               |
| Cost of services sold .....              | <u>23,500</u>          |
| Gross margin .....                       | \$ 8,500               |
| Marketing and administrative costs ..... | <u>4,300</u>           |
| Operating profit .....                   | <u><u>\$ 4,200</u></u> |

**Cost of  
billable  
hours**

**The excess of operating revenue over costs  
necessary to generate those revenues  
related to services provided**

# Presentation of Costs in Financial Statements

## SOUTHWEST OFFICE PRODUCTS Income Statement For the Year Ended December 31, Year 2 (\$000)

|                                                    |               |
|----------------------------------------------------|---------------|
| Sales revenue .....                                | \$3,225       |
| Cost of goods sold (see following statement) ..... | <u>1,775</u>  |
| Gross margin .....                                 | \$1,450       |
| Marketing and administrative costs .....           | <u>825</u>    |
| Operating profit .....                             | <u>\$ 625</u> |

**Expense assigned  
to products sold  
during a period**



## Cost of Goods Sold Statement For the Year Ended December 31, Year 2 (\$000)

|                                              |           |                       |
|----------------------------------------------|-----------|-----------------------|
| Beginning inventory .....                    |           | \$ 300                |
| Cost of goods purchased                      |           |                       |
| Merchandise cost .....                       | \$1,830   |                       |
| Transportation-in costs .....                | <u>90</u> |                       |
| Total cost of goods purchased .....          |           | <u>1,920</u>          |
| Cost of goods available for sale .....       |           | \$2,220               |
| Less cost of goods in ending inventory ..... |           | <u>445</u>            |
| Cost of goods sold .....                     |           | <u><u>\$1,775</u></u> |

**The excess of  
operating  
revenue over  
costs  
necessary to  
generate those  
revenues**



# Presentation of Costs in Financial Statements

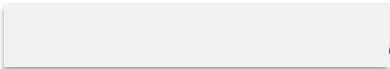
Cost incurred to manufacture  
the product sold

Product costs recorded as  
“inventory” when cost is incurred

Expense when sold

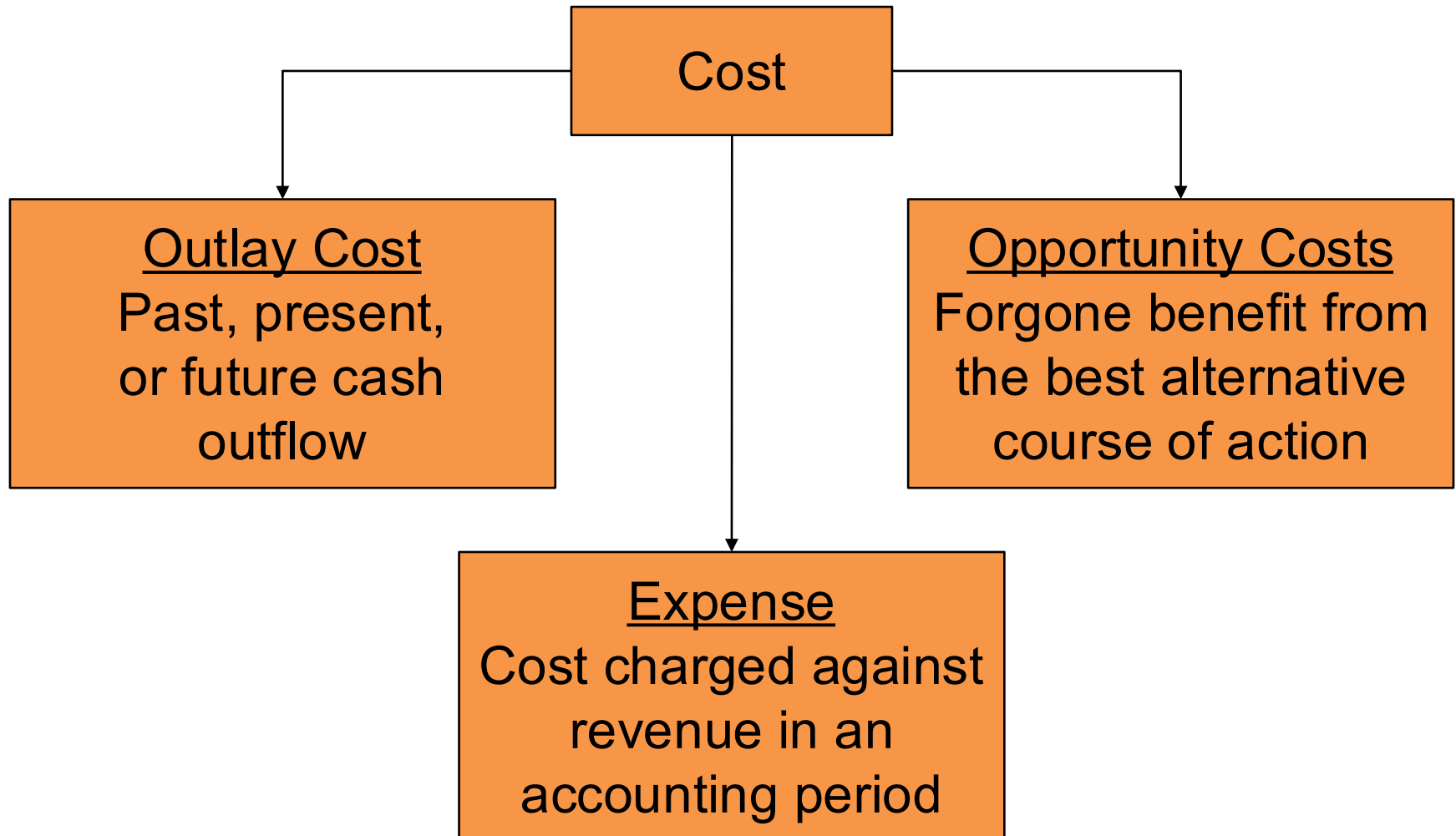
## JACKSON GEARS Income Statement

For the Year Ending December 31, Year 2  
(\$000)

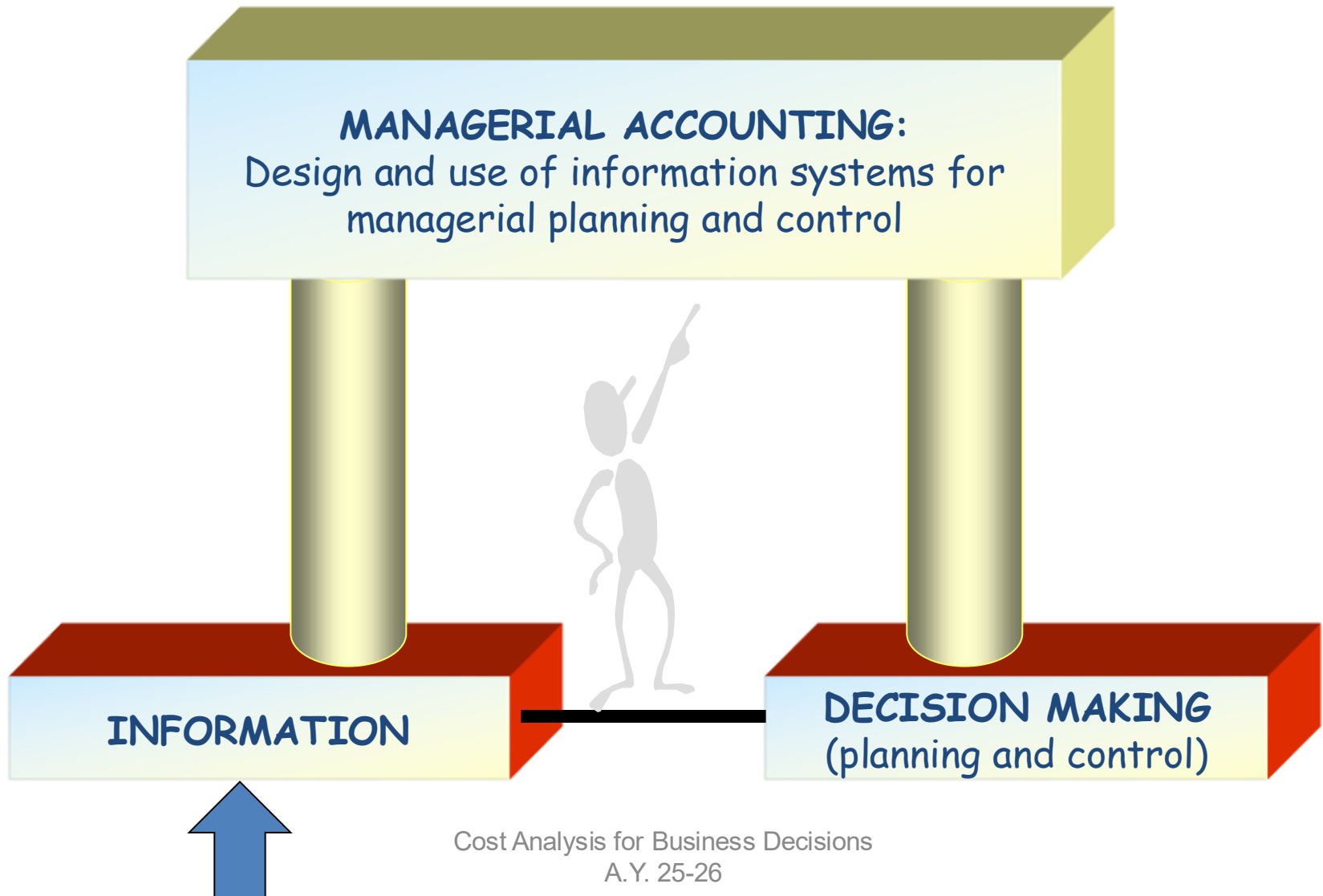
|                                                                                                      |                 |
|------------------------------------------------------------------------------------------------------|-----------------|
| Sales revenue . . . . .                                                                              | \$20,450        |
| Cost of goods sold  | <u>13,100</u>   |
| Gross margin . . . . .                                                                               | \$ 7,350        |
| Less marketing and administrative costs . . . . .                                                    | <u>3,850</u>    |
| Operating profit before taxes . . . . .                                                              | <u>\$ 3,500</u> |

Period costs recorded as  
an expense in the period  
the cost is incurred

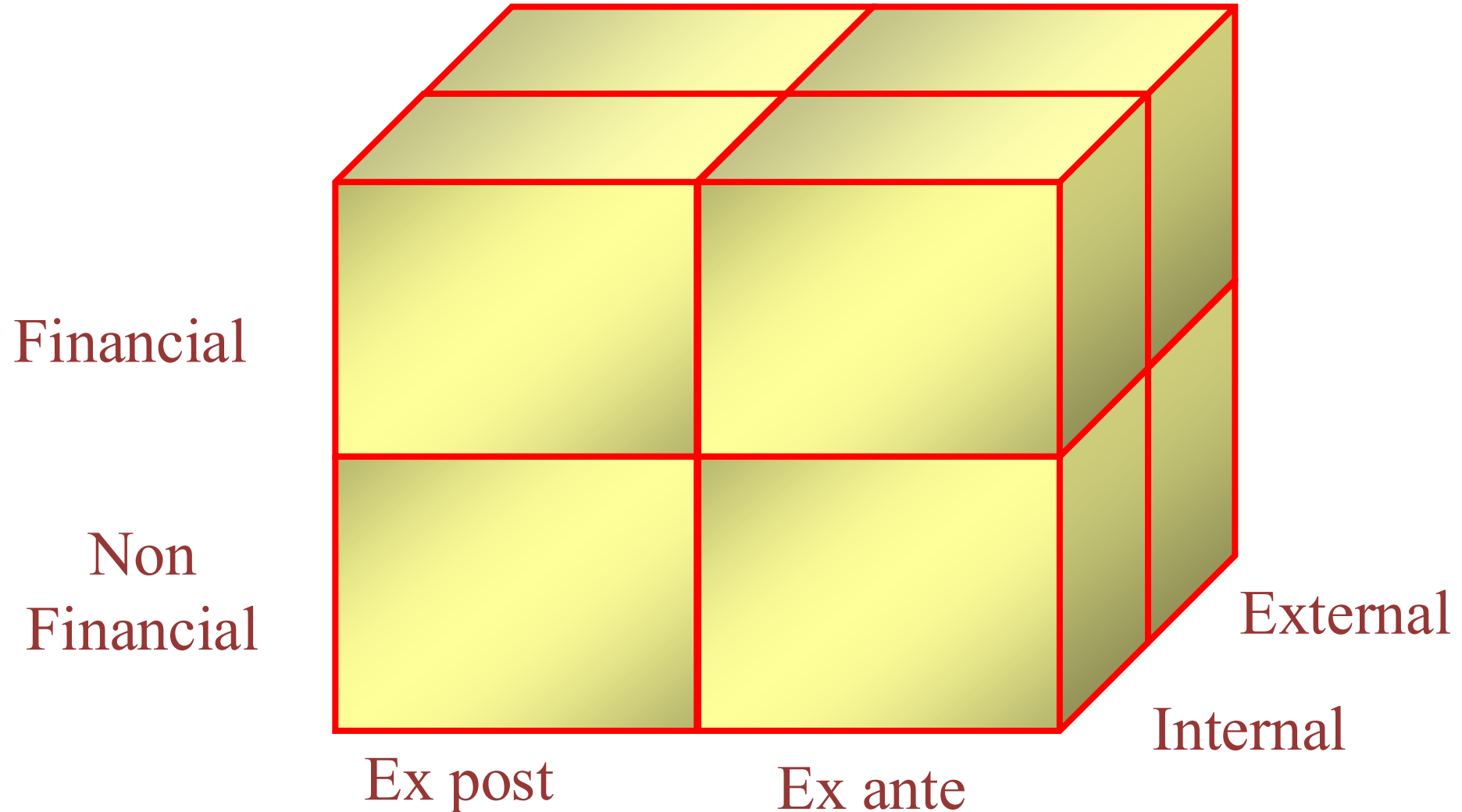
# Cost versus Expenses



# Managerial Accounting

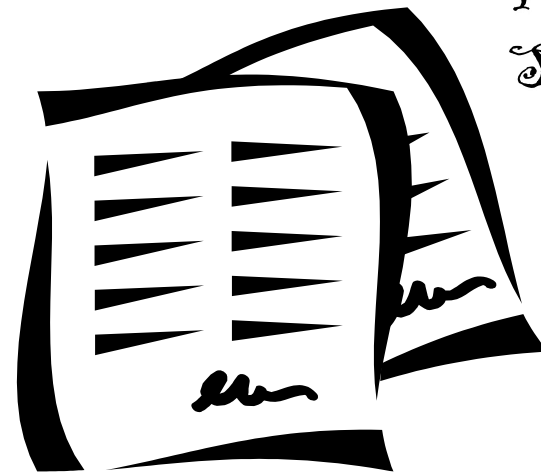
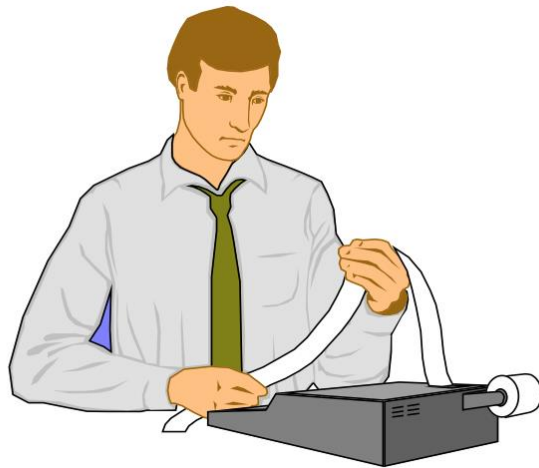


# Three-Way Classification Scheme of Information



# Accounting Information System

Process of gathering, organizing, and  
Communicating financial information



*Financial  
Statements*

# Users of Accounting Information

## Managerial Accounting

Internal managers

**Day-to-day operating decisions**  
**Long-range strategic decisions**

## Financial Accounting

External Users

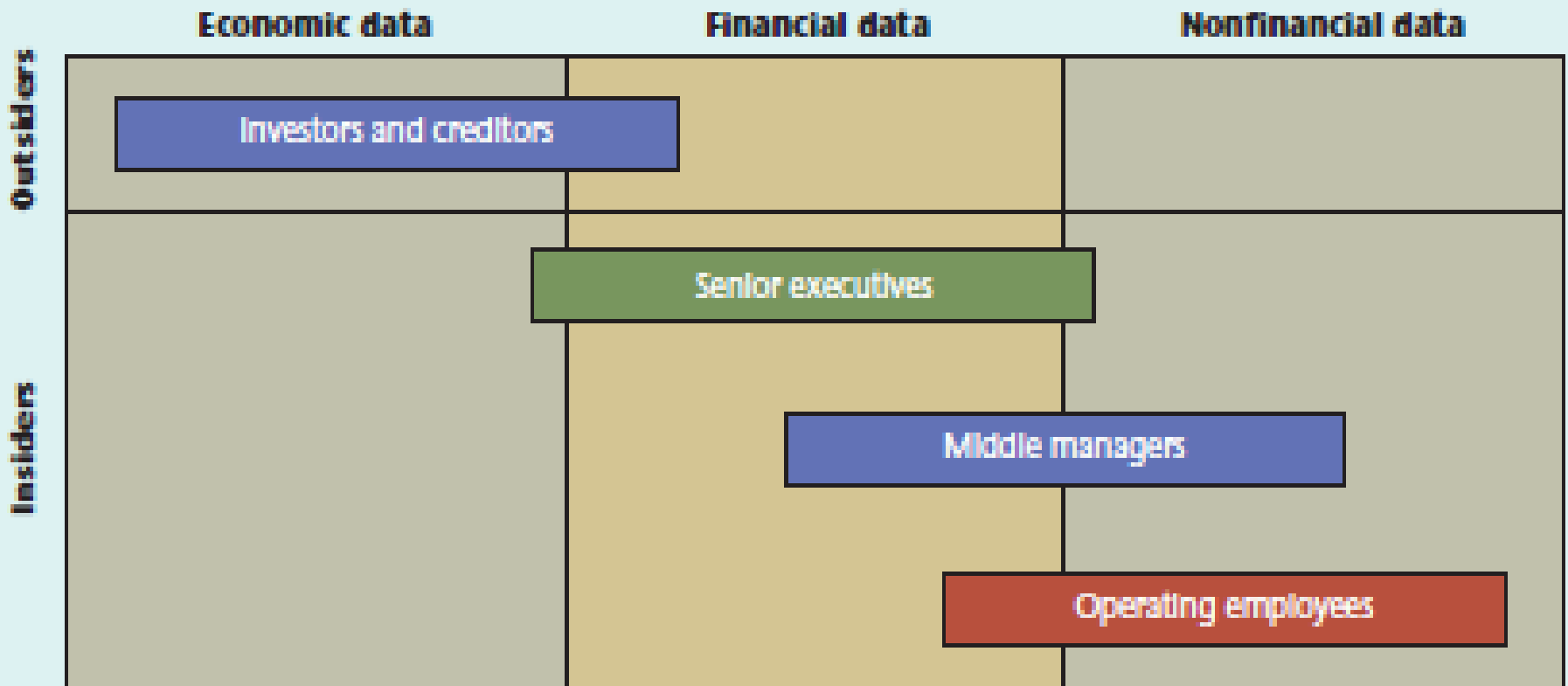
Investors: Stockholders

Creditors:  
Suppliers  
Bankers

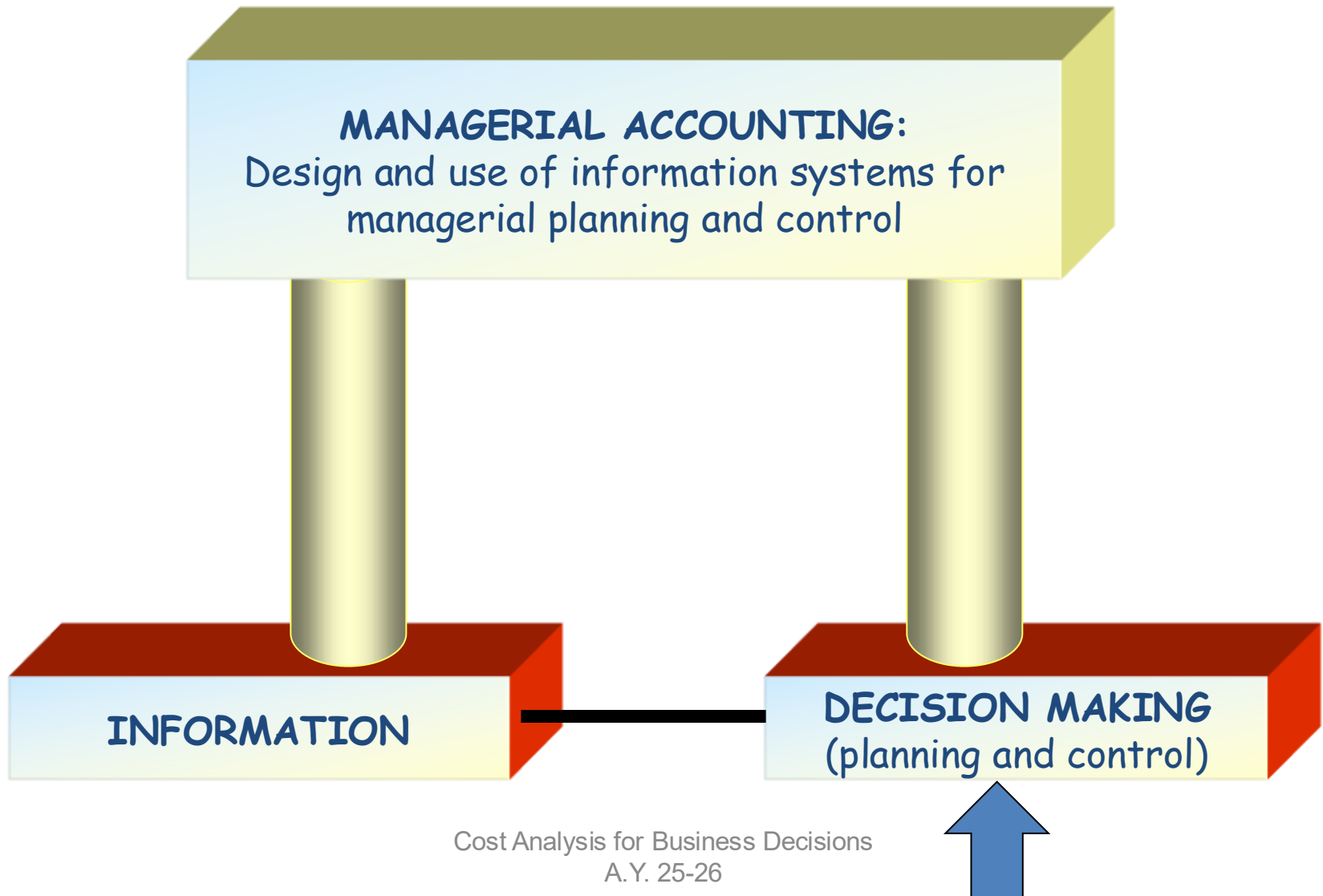
Government Authorities

# Comparison of Financial and Managerial Accounting

## Relationship Between Type of User and Type of Information



# Managerial Accounting



# Planning and Controlling Process

## What is decision making?

It is the purposeful choice from among a set of alternative courses of action designed to achieve some objective.

This is the core of the management process

# Decision Making

Scorekeeping:  
Evaluate  
Organizational  
Performance

Attention Directing:  
Compare Actual  
Results to Expected



Problem Solving:  
Assess Possible  
Courses of Action

# Work of Management

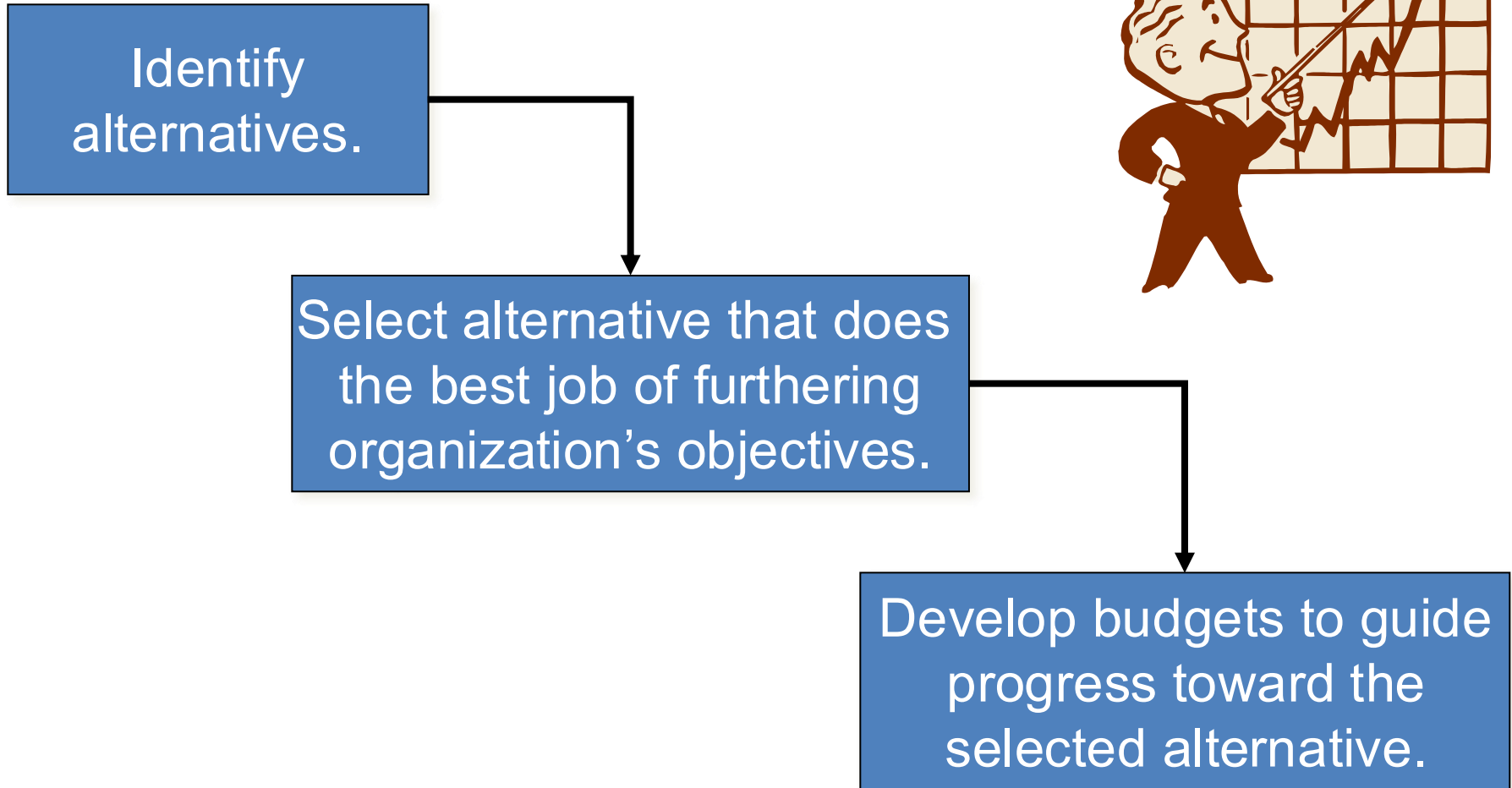
**Planning**

**Directing and  
Motivating**

**Controlling**



# Planning



# Directing and Motivating

Directing and motivating involves managing day-to-day activities to keep the organization running smoothly.

- Employee work assignments.
- Routine problem solving.
- Conflict resolution.
- Effective communications.



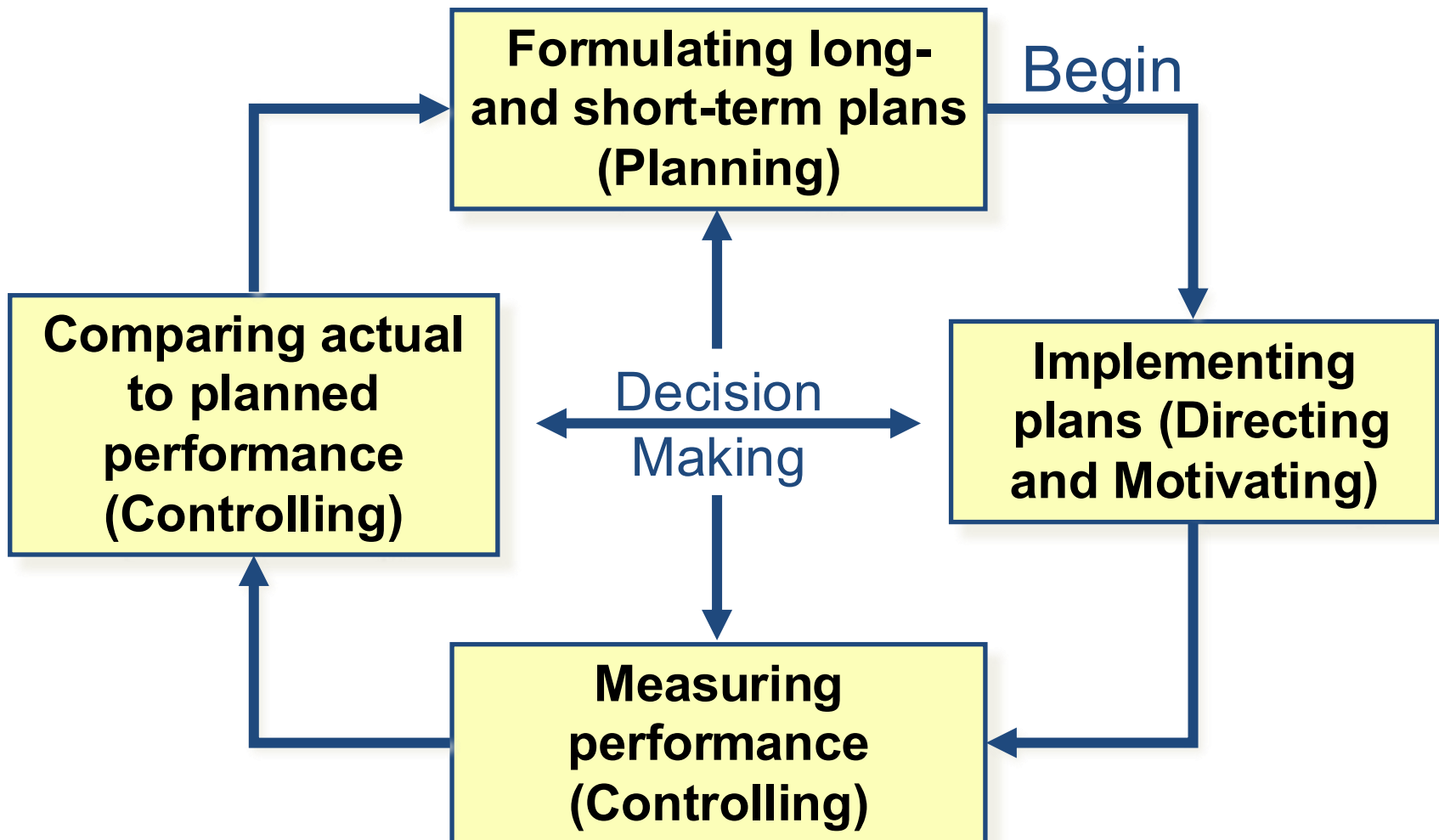
# Controlling

**The control function ensures that plans are being followed.**

**Feedback in the form of performance reports that compare actual results with the budget are an essential part of the control function.**



# Planning and Control Cycle



# Comparison of Financial and Managerial Accounting

| Comparative Features of Managerial versus Financial Accounting Information |                                                          |                                                                                                  |
|----------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Features                                                                   | Managerial Accounting                                    | Financial Accounting                                                                             |
| Users                                                                      | Insiders including executives, managers, and operators   | Outsiders including investors, creditors, government agencies, analysts, and reporters           |
| Information type                                                           | Economic and physical data as well as financial data     | Financial data                                                                                   |
| Level of aggregation                                                       | Local information on subunits of the organization        | Global information on the company as a whole                                                     |
| Regulation                                                                 | No regulation, limited only by the value-added principle | Regulation by SEC, FASB, and other determiners of GAAP                                           |
| Information characteristics                                                | Estimates that promote relevance and enable timeliness   | Factual information that is characterized by objectivity, reliability, consistency, and accuracy |
| Time horizon                                                               | Past, present, and future                                | Past only, historically based                                                                    |
| Reporting frequency                                                        | Continuous reporting                                     | Delayed with emphasis on annual reports                                                          |

## Exercise 1-1A *Identifying financial versus managerial accounting items*

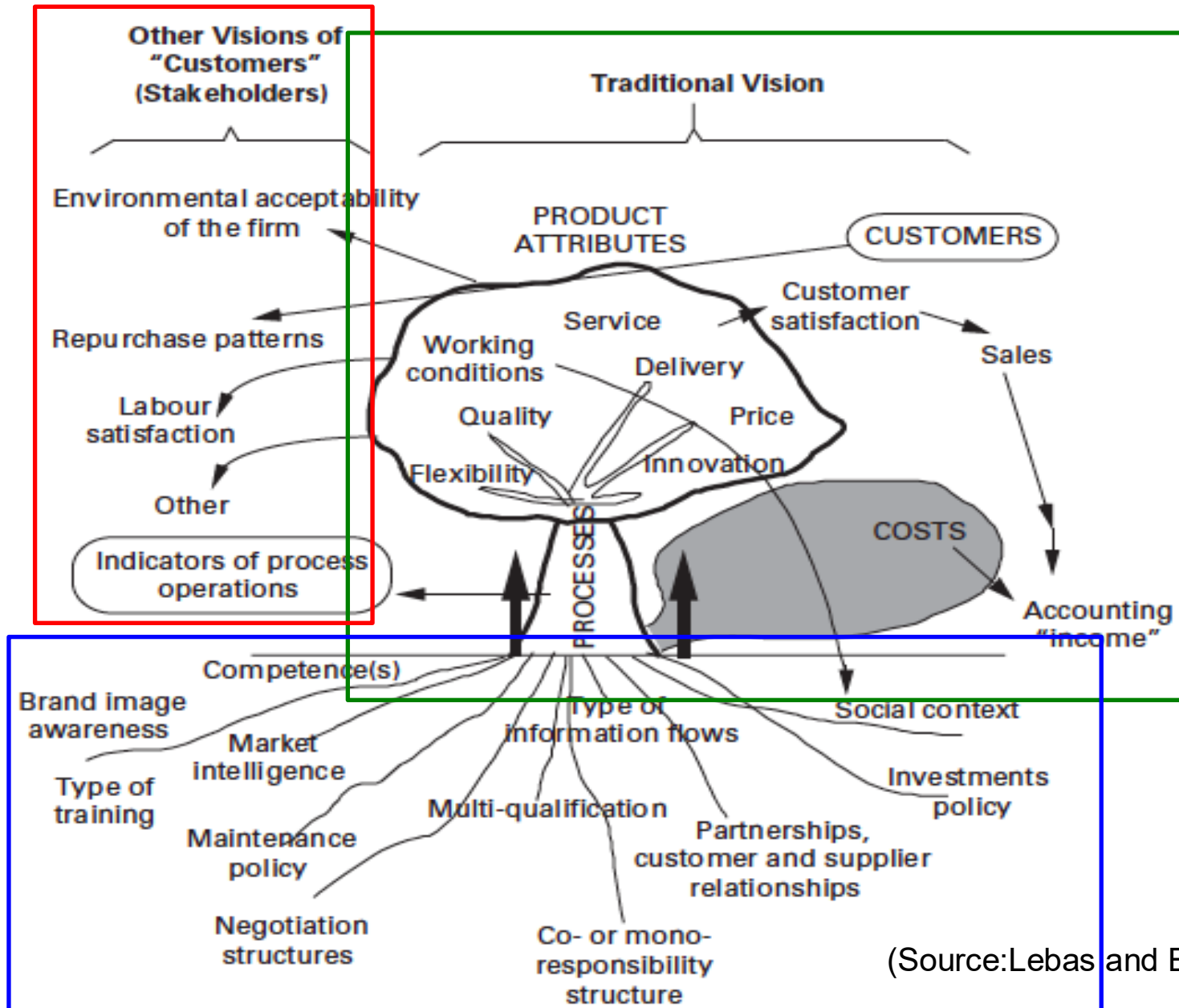
### Required

Indicate whether each of the following items is representative of managerial or of financial accounting.

- Information is based on estimates that are bounded by relevance and timeliness.
- Information is historically based and usually reported annually.
- Information is local and pertains to subunits of the organization.
- Information includes economic and nonfinancial data as well as financial data.
- Information is global and pertains to the company as a whole.
- Information is provided to insiders, including executives, managers, and employees.
- Information is factual and is characterized by objectivity, reliability, consistency, and accuracy.
- Information is reported continuously and has a current or future orientation.
- Information is provided to outsiders, including investors, creditors, government agencies, analysts, and reporters.
- Information is regulated by the SEC, FASB, and other sources of GAAP.

| MA                                                                                    | FA                                                                                    |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |                                                                                       |
|                                                                                       |    |
|    |                                                                                       |
|    |                                                                                       |
|                                                                                       |    |
|    |                                                                                       |
|                                                                                       |  |
|  |                                                                                       |
|                                                                                       |  |
|                                                                                       |  |

# The Performance Tree



(Source: Lebas and Euske, 2002)

# Learning Objective



**Identify the cost of  
manufacturing a  
product and show how  
these costs affect  
financial statements.**

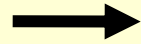


**LO2**

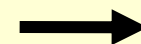
# Traditional Manufacturing Company



Forecast Sales



Order components



Store Inventory



Make Sales from  
Finished Goods  
Inventory



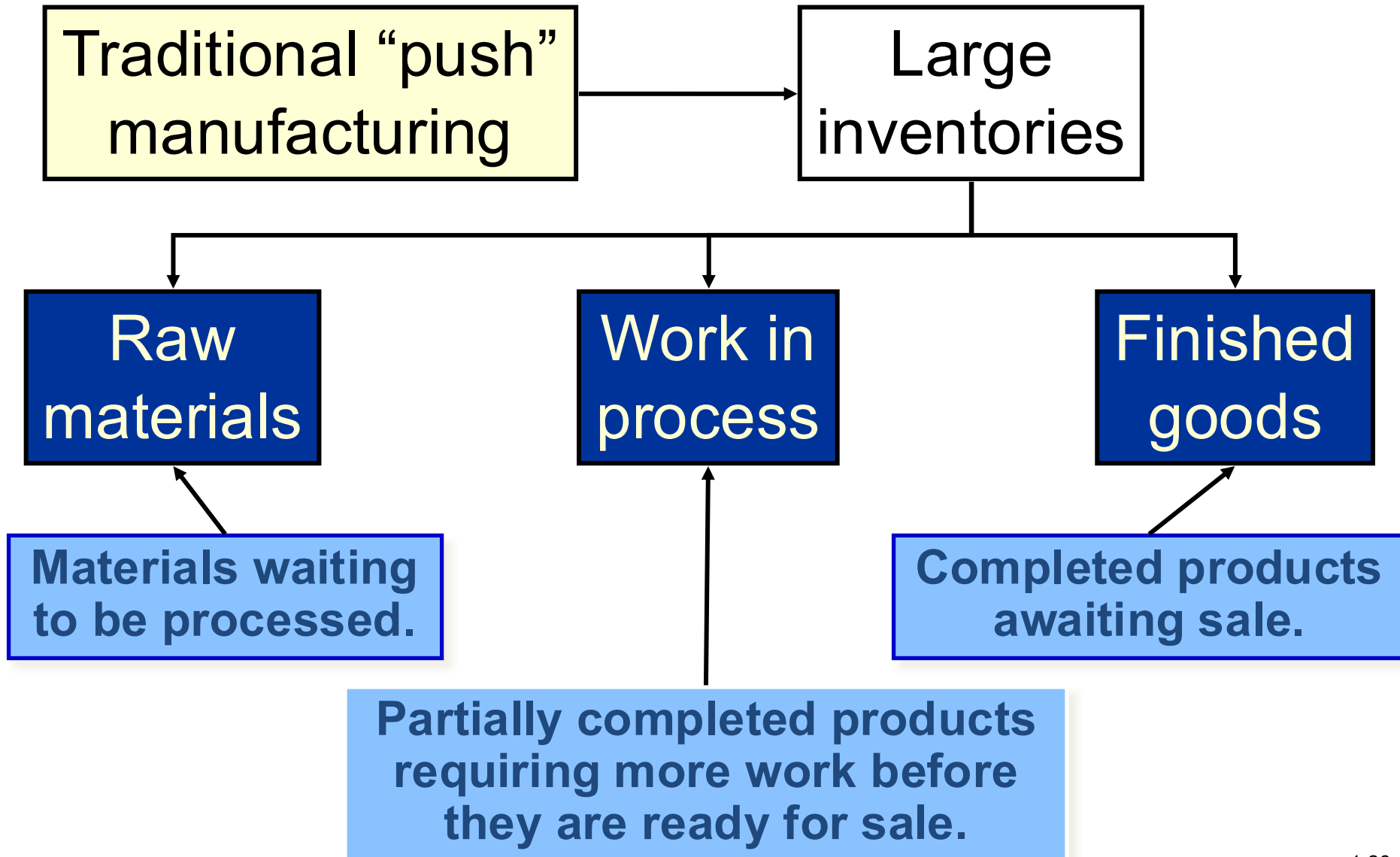
Store  
Inventory



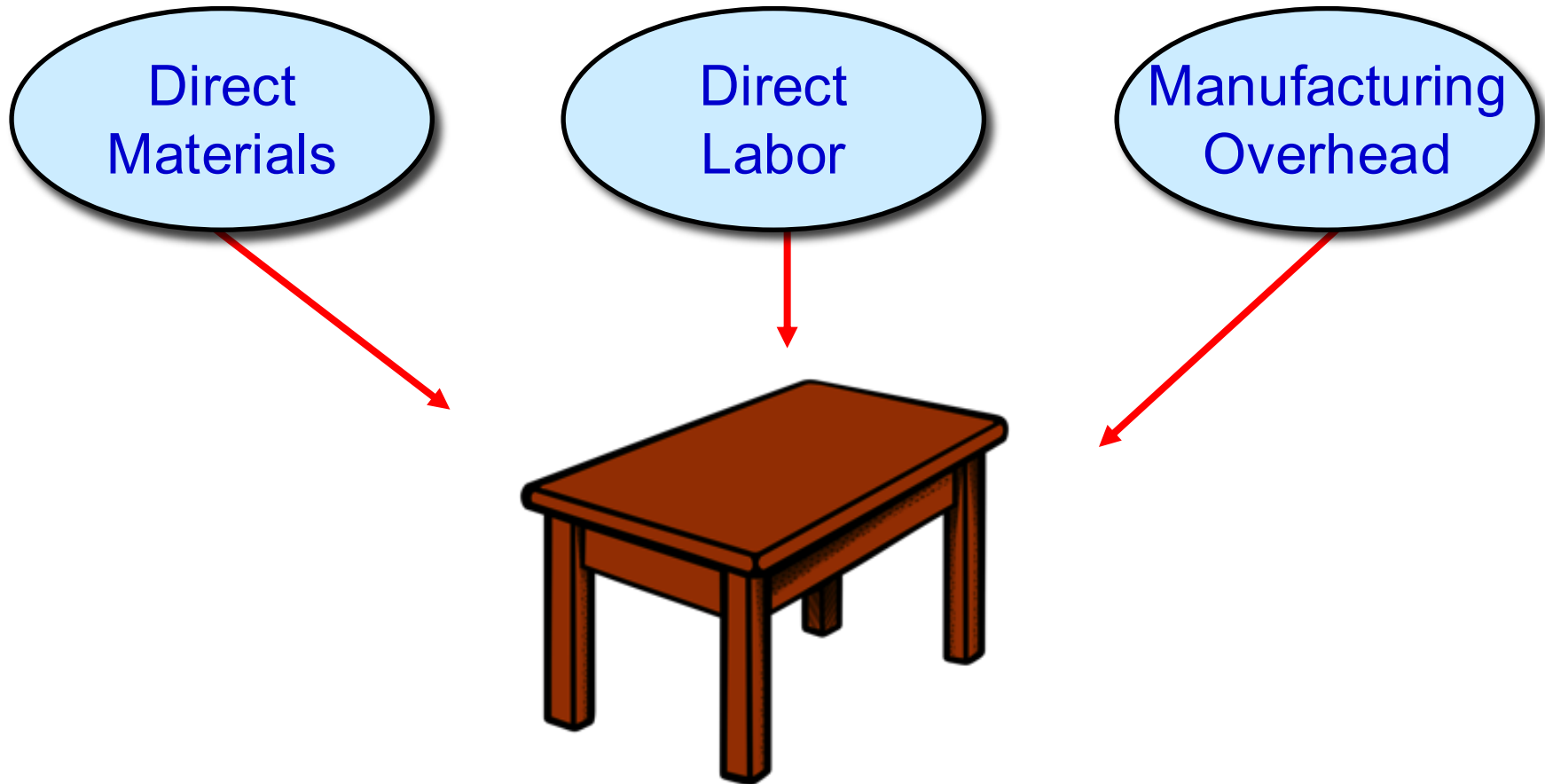
Produce goods in  
Anticipation of Sales



# Traditional Manufacturing Company



# Manufacturing Costs



## The Product

Cost Analysis for Business Decisions

A.Y. 25-26

# Direct Materials

Raw materials that become an integral part of the product and that can be conveniently traced directly to it.



**Example: the amount of wood (\$) needed to produce the table**

# Direct Labor

Those labor costs that can be easily traced to individual units of product.



**Example: Wages paid (\$) to table assembly workers**

# Manufacturing Overhead

Manufacturing costs that **cannot** be traced directly to specific units produced.

**Examples: Indirect labor and indirect materials**

**Wages paid to employees who are not directly involved in production work.**

**Examples:** maintenance workers, janitors and security guards.

**Materials used to support the production process.**

**Examples:** polish and cleaning supplies used in the table assembly plant.

# Non-manufacturing Costs

## Selling Costs

**Costs necessary to get the order and deliver the product.**

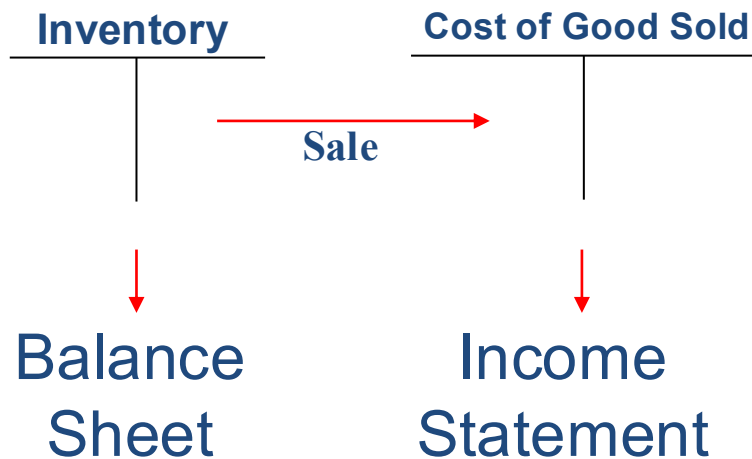
## Administrative Costs

**All executive, organizational, and clerical costs.**

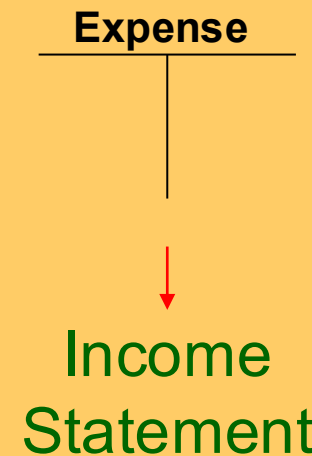


# Product Costs Versus Period Costs

**Product costs** include direct materials, direct labor, and manufacturing overhead.

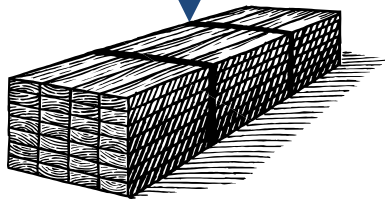


**Period costs** include all selling costs and administrative costs.



# Components of Product Cost

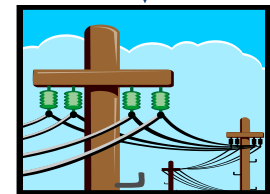
Materials



Labor

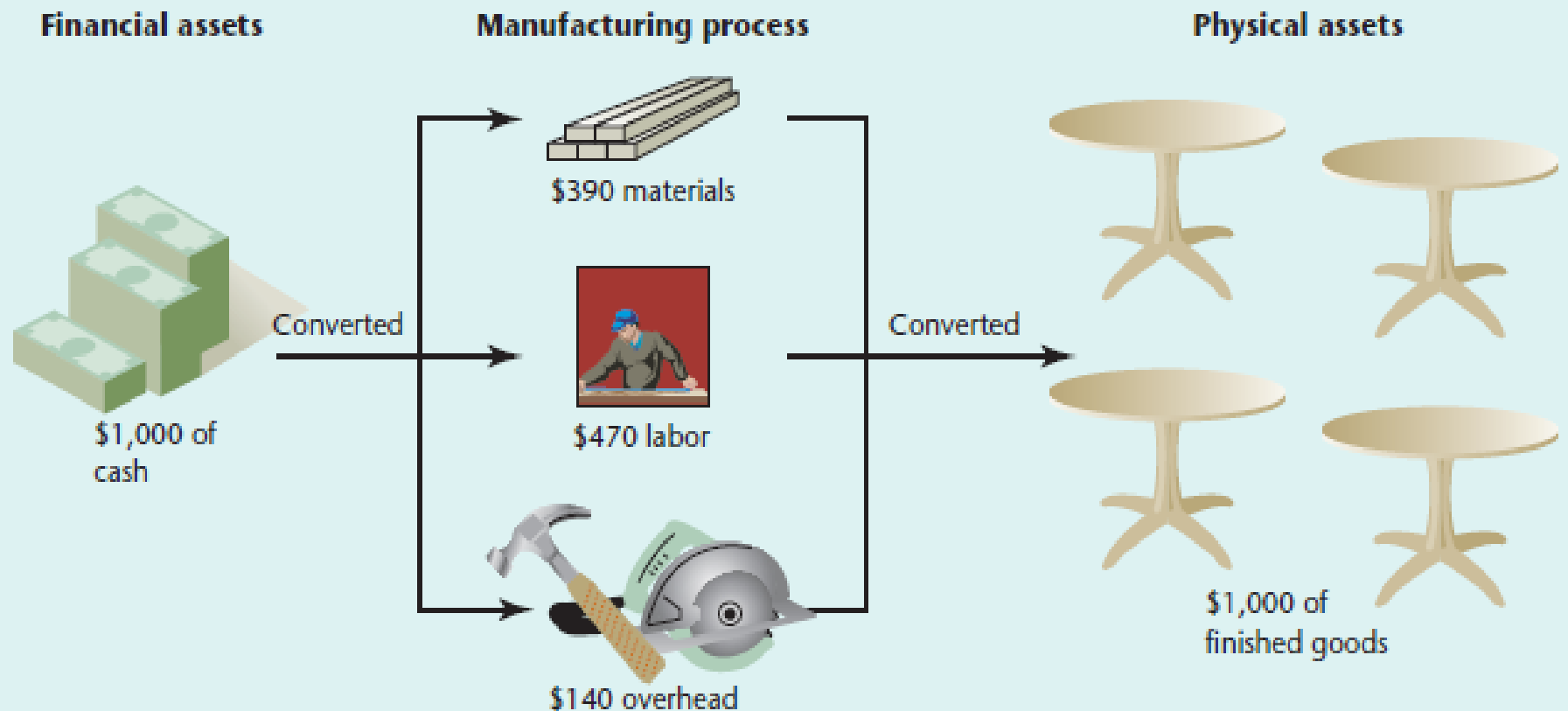


Overhead



# Components of Product Cost

## Transforming the Asset Cash Into the Asset Finished Goods Inventory



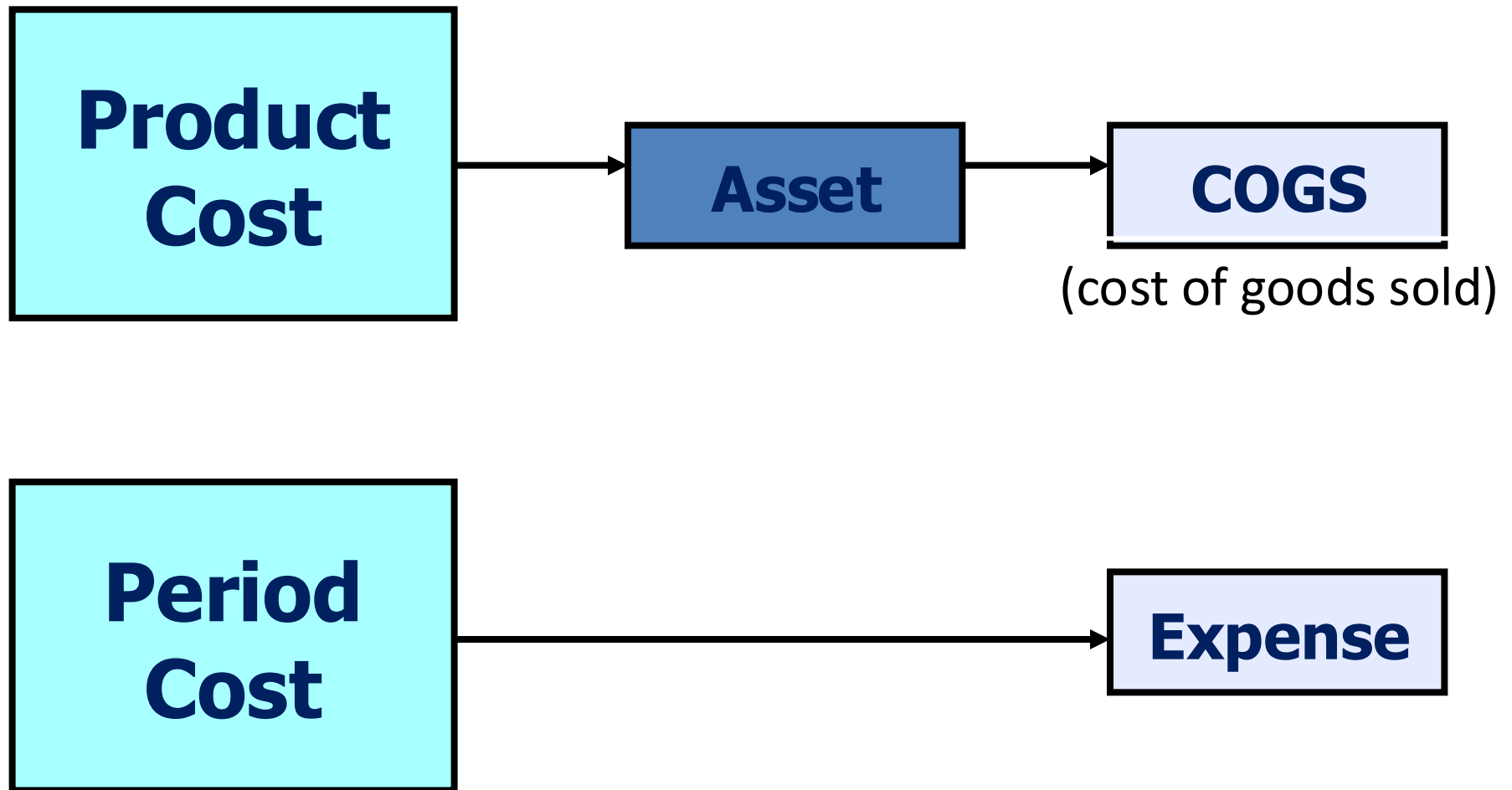
# Average Cost per Unit

$$\frac{\text{Total Cost}}{\text{Number of Units}} = \text{Average Cost per Unit}$$

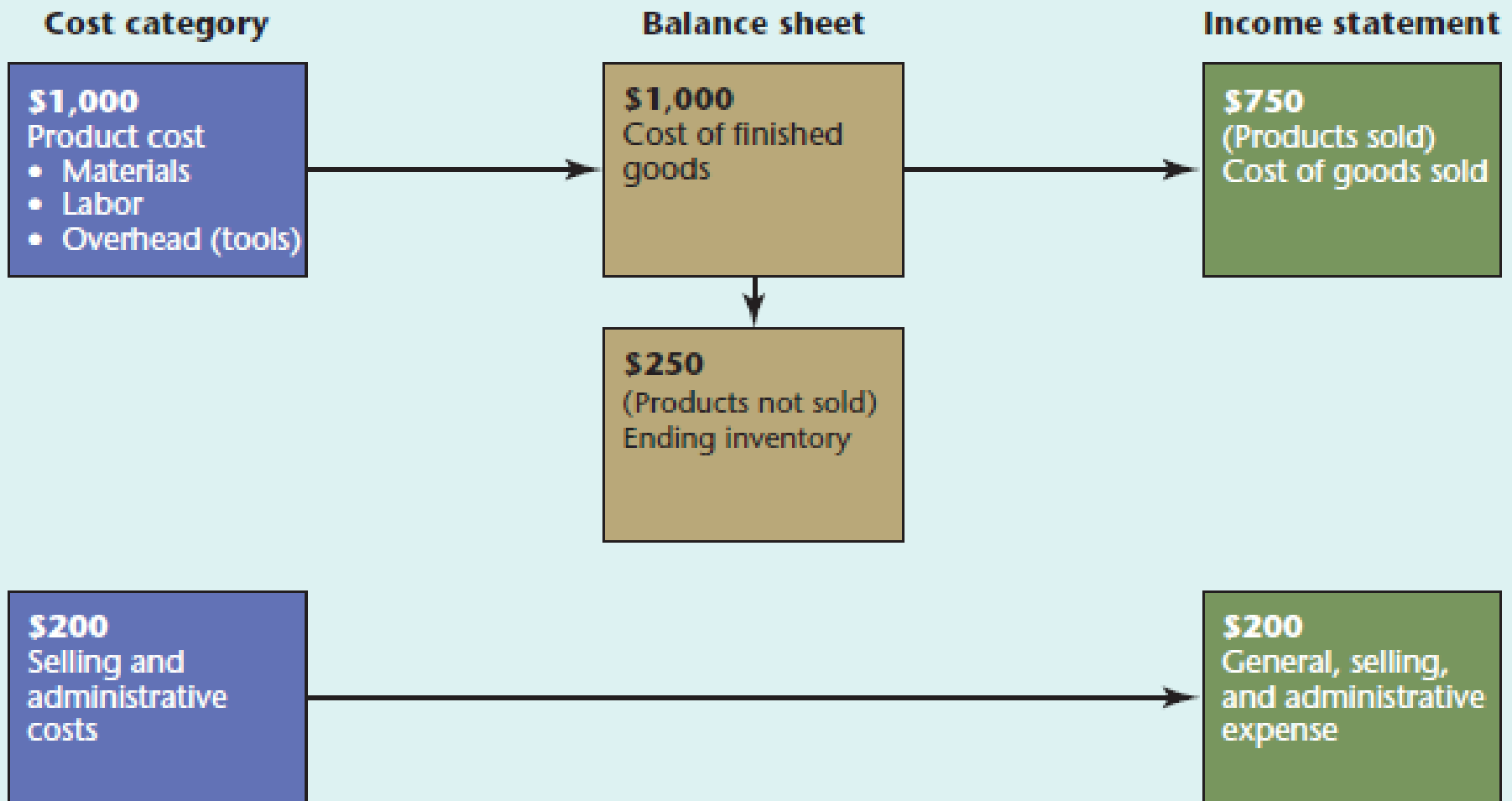
For example, Average Cost Per Unit

$$\frac{\$1,000}{4} = \$250$$

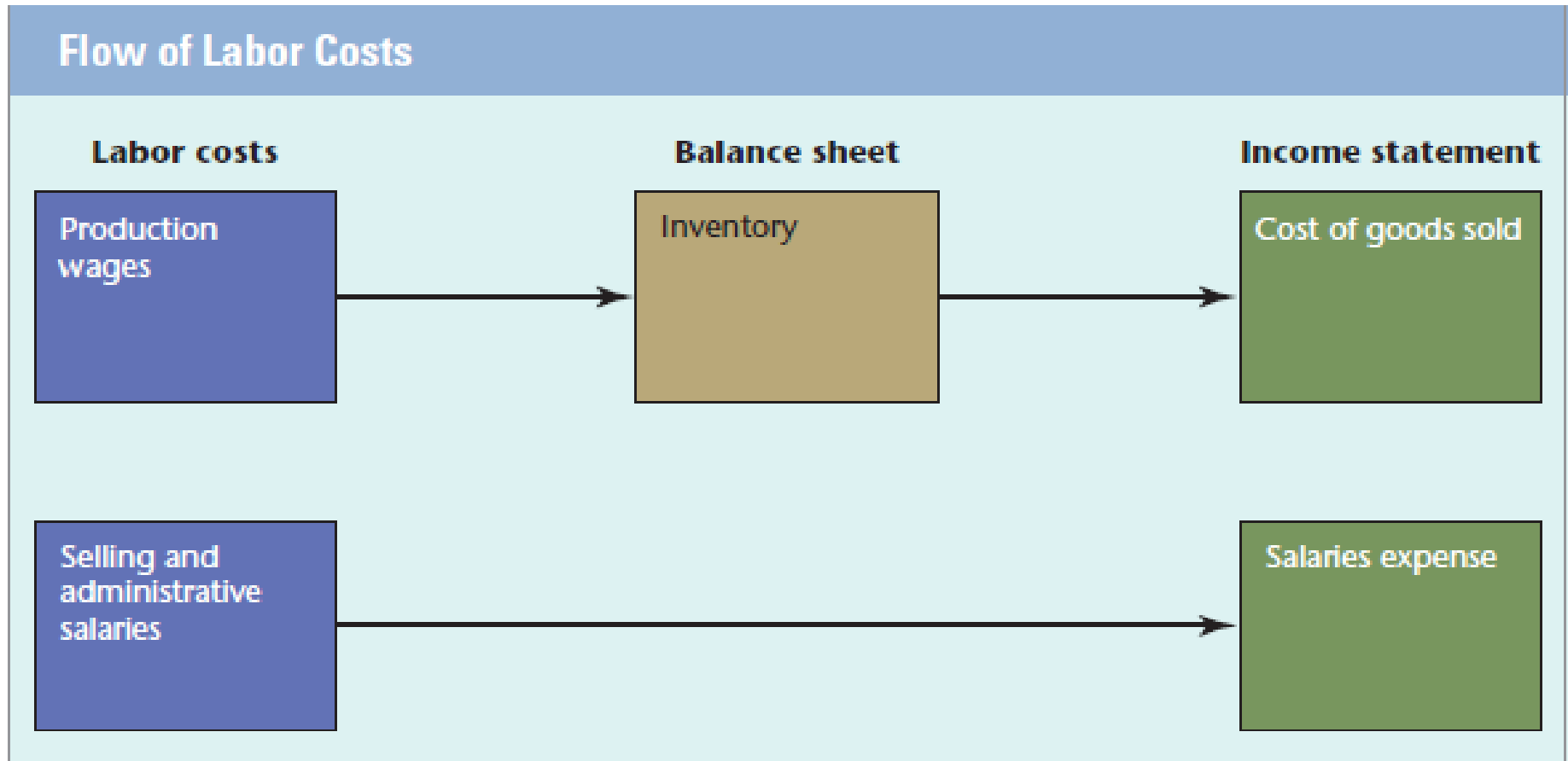
# Remember that cost can be: Assets or Expenses



## Cost Classification for Tabor Manufacturing Company



# Labor Costs



**Example:** Patillo, experienced the following accounting events during its first year of operation. Register them:  
*(please assume that all transactions except 6, 8, and 10 are cash outflow)*

1. Acquired \$15,000 cash by issuing common stock.
2. Paid \$2,000 for materials that were used to make products. All products started were completed during the period.
3. Paid \$1,200 for salaries of selling and administrative employees.
4. Paid \$3,000 for wages of production workers.
5. Paid \$2,800 for furniture used in selling and administrative offices.
6. Recognized depreciation on the office furniture purchased in Event 5. The furniture was acquired on January 1, had a \$400 estimated salvage value, and a four-year useful life. The annual depreciation charge is \$600  $[(\$2,800 - \$400) \div 4]$ .
7. Paid \$4,500 for manufacturing equipment.
8. Recognized depreciation on the equipment purchased in Event 7. The equipment was acquired on January 1, had a \$1,500 estimated salvage value, and a three-year useful life. The annual depreciation charge is \$1,000  $[(\$4,500 - \$1,500) \div 3]$ .
9. Sold inventory to customers for \$7,500 cash.
10. The inventory sold in Event 9 cost \$4,000 to make.

# Solution

## Effect of Product versus Selling and Administrative Costs on Financial Statements

| Event No. | Assets  |   |           |   |               |   |                | Equity |           |   |            |       |   |       |            |
|-----------|---------|---|-----------|---|---------------|---|----------------|--------|-----------|---|------------|-------|---|-------|------------|
|           | Cash    | + | Inventory | + | Office Furn.* | + | Manuf. Equip.* | =      | Com. Stk. | + | Ret. Earn. | Rev.  | – | Exp.  | = Net Inc. |
| 1         | 15,000  |   |           |   |               |   |                | =      | 15,000    |   |            |       |   |       |            |
| 2         | (2,000) | + | 2,000     |   |               |   |                |        |           |   |            |       |   |       |            |
| 3         | (1,200) |   |           |   |               |   |                | =      |           |   | (1,200)    |       | – | 1,200 | = (1,200)  |
| 4         | (3,000) | + | 3,000     |   |               |   |                |        |           |   |            |       |   |       |            |
| 5         | (2,800) | + |           |   | 2,800         |   |                |        |           |   |            |       |   |       |            |
| 6         |         |   |           |   | (600)         |   |                | =      |           |   | (600)      |       | – | 600   | = (600)    |
| 7         | (4,500) | + |           |   |               |   | 4,500          |        |           |   |            |       |   |       |            |
| 8         |         |   | 1,000     | + |               |   | (1,000)        |        |           |   |            |       |   |       |            |
| 9         | 7,500   |   |           |   |               |   |                | =      |           |   | 7,500      | 7,500 |   |       | = 7,500    |
| 10        |         |   | (4,000)   |   |               |   |                | =      |           |   | (4,000)    |       | – | 4,000 | = (4,000)  |
| Totals    | 9,000   | + | 2,000     | + | 2,200         | + | 3,500          | =      | 15,000    | + | 1,700      | 7,500 | – | 5,800 | = 1,700    |

\*Negative amounts in these columns represent accumulated depreciation.

# Total Product Cost

## Schedule of Inventory Costs

|                          |                |
|--------------------------|----------------|
| Materials                | \$2,000        |
| Labor                    | 3,000          |
| Manufacturing overhead*  | <u>1,000</u>   |
| Total product costs      | 6,000          |
| Less: Cost of goods sold | <u>(4,000)</u> |
| Ending inventory balance | <u>\$2,000</u> |

\*Depreciation  $[(\$4,500 - \$1,500) \div 3]$

# PATILLO MANUFACTURING COMPANY

## Financial Statements

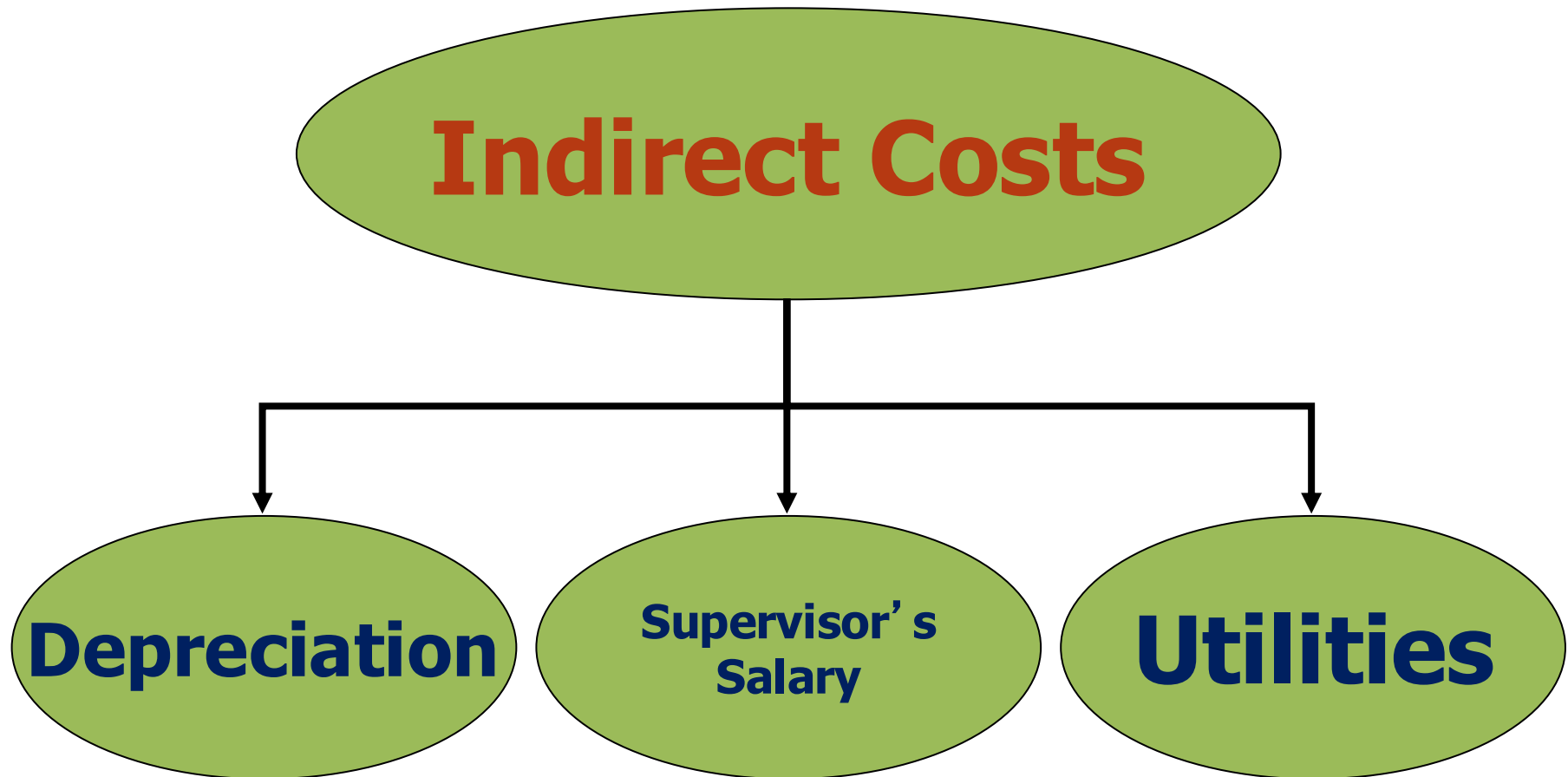
### Income Statement for 2016

|                                       |                 |
|---------------------------------------|-----------------|
| Sales revenue                         | \$ 7,500        |
| Cost of goods sold                    | <u>(4,000)</u>  |
| Gross margin                          | 3,500           |
| SG&A expenses                         |                 |
| Salaries expense                      | (1,200)         |
| Depreciation expense—office furniture | <u>(600)</u>    |
| Net income                            | <u>\$ 1,700</u> |

### Balance Sheet as of December 31, 2016

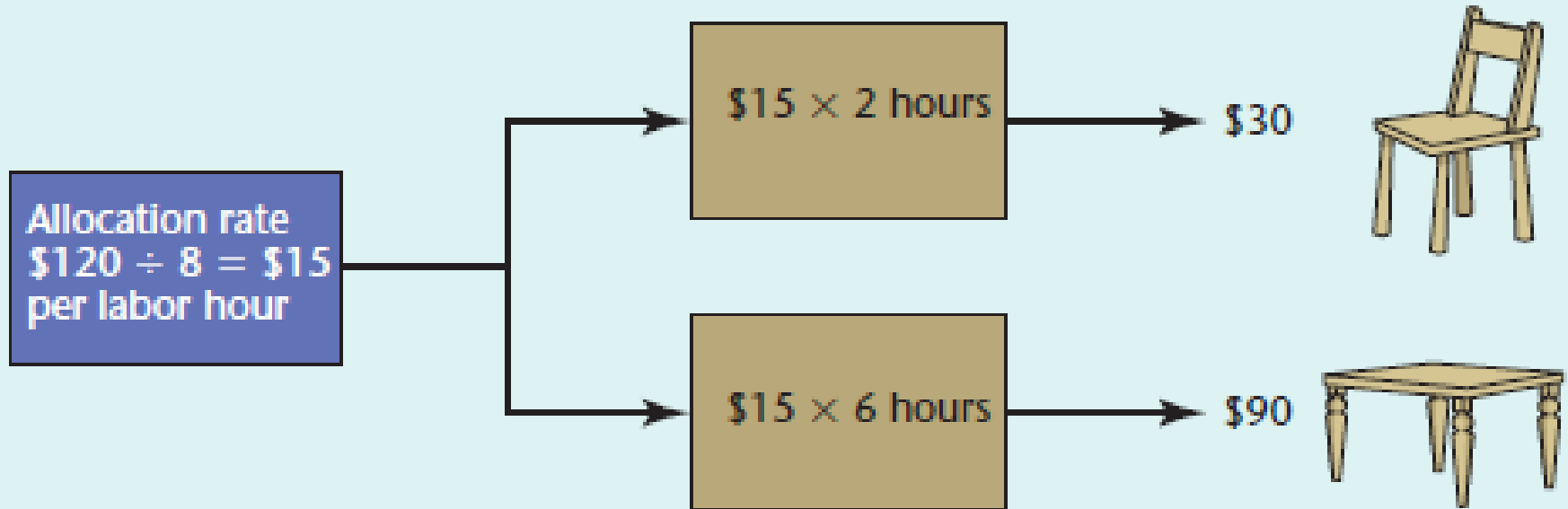
|                            |                |                 |
|----------------------------|----------------|-----------------|
| Cash                       |                | \$ 9,000        |
| Finished goods inventory   |                | 2,000           |
| Office furniture           | \$2,800        |                 |
| Accumulated depreciation   | <u>(600)</u>   |                 |
| Book value                 |                | 2,200           |
| Manufacturing equipment    | 4,500          |                 |
| Accumulated depreciation   | <u>(1,000)</u> |                 |
| Book value                 |                | <u>3,500</u>    |
| Total assets               |                | <u>\$16,700</u> |
| Stockholders' equity       |                |                 |
| Common stock               |                | \$15,000        |
| Retained earnings          |                | <u>1,700</u>    |
| Total stockholders' equity |                | <u>\$16,700</u> |

# Overhead Costs: A Closer Look

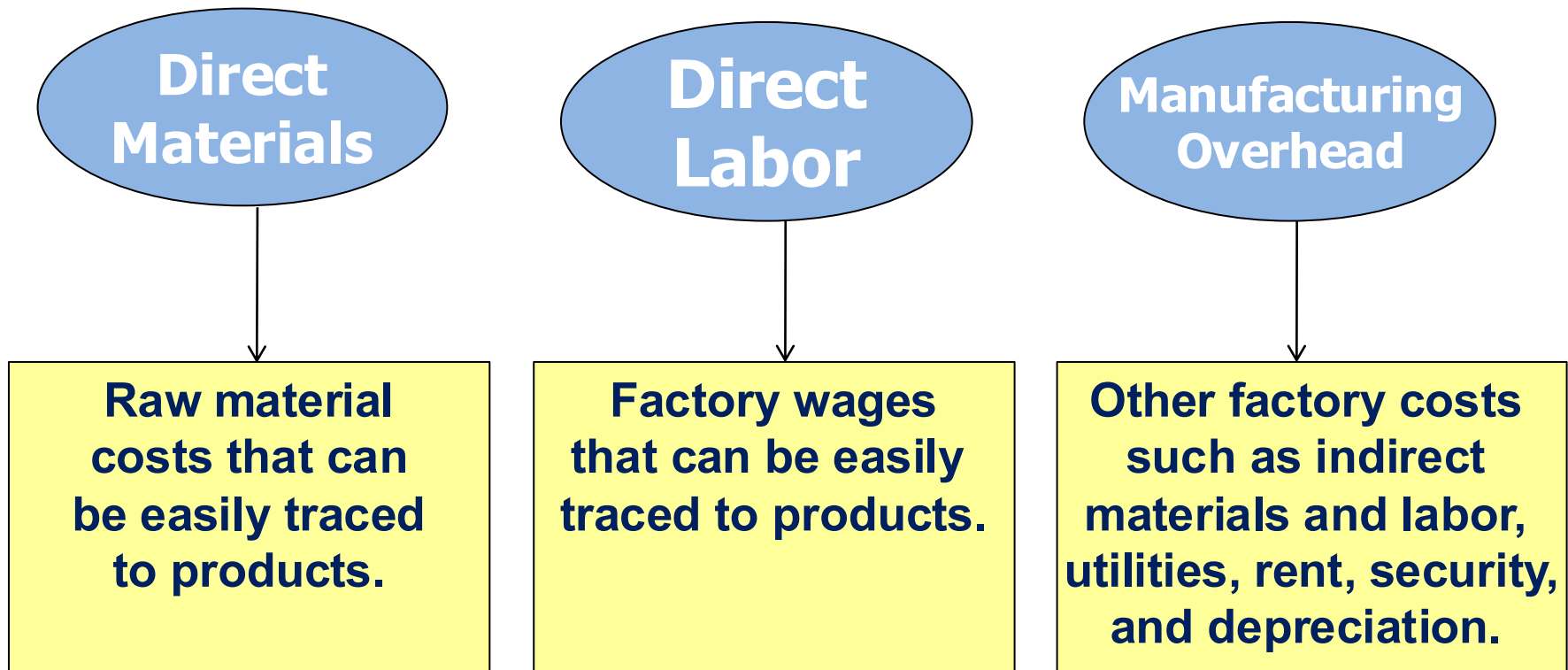


# Indirect Cost Allocation

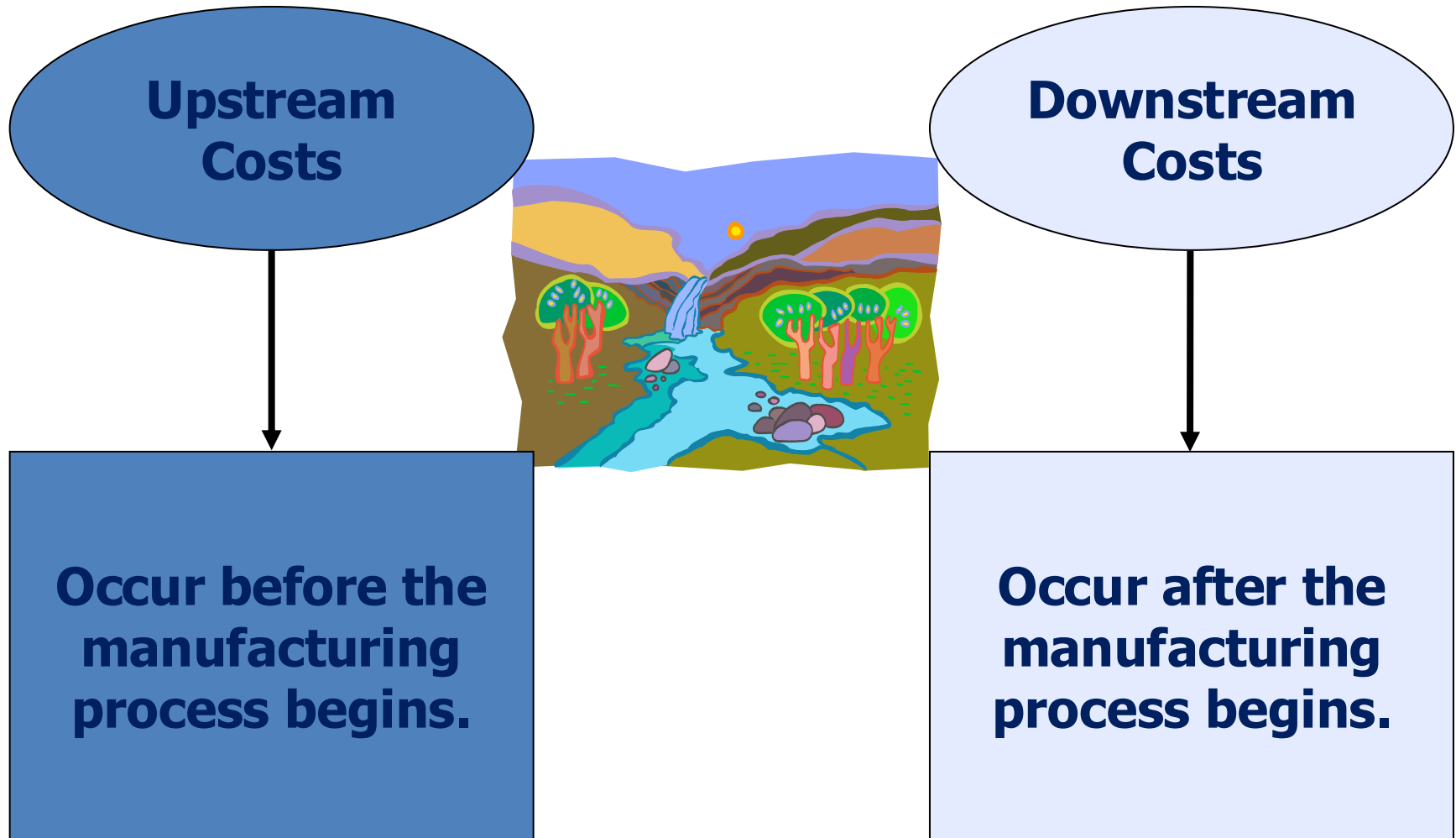
## Cost Allocation



# Manufacturing Product Cost Summary



# Upstream and Downstream Costs



# Product Costing in Service and Merchandising Companies

## Service Companies

**Provide products to customers that are consumed immediately**

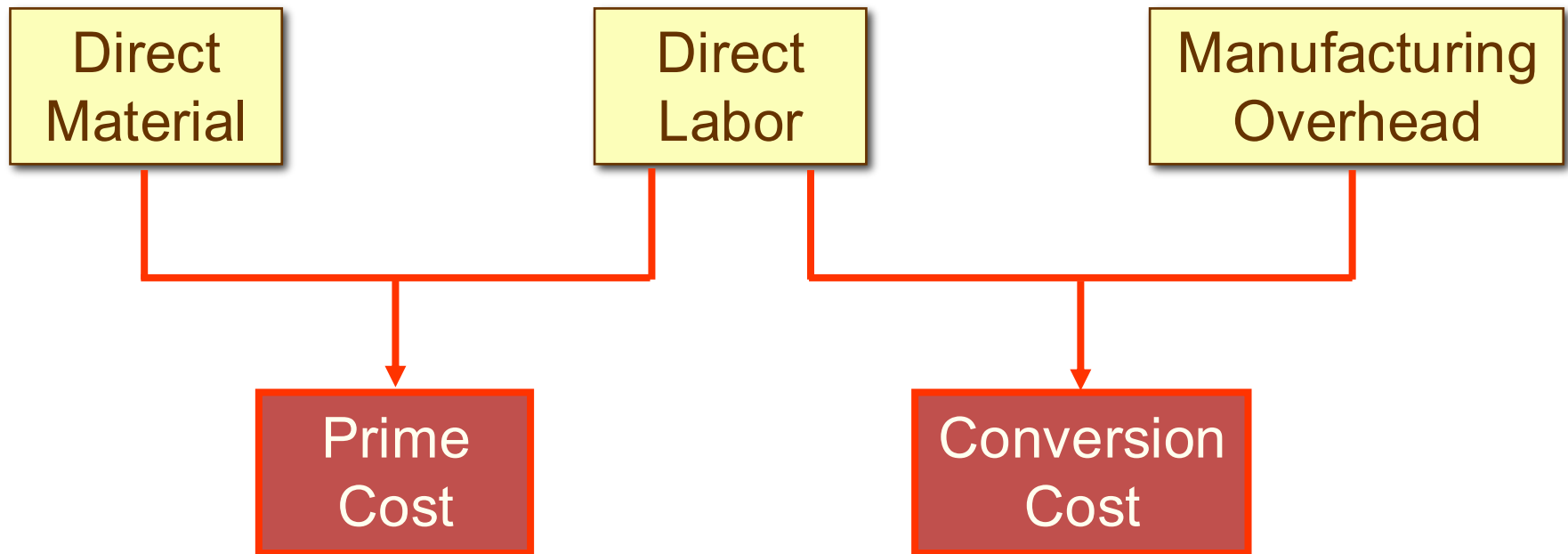
## Merchandising Companies

**Sell products other companies make**

**Service and merchandising companies also incur labor and overhead costs. However, these costs are normally treated as general, selling and administrative expenses rather than accumulated in inventory accounts.**

# Classifications of Costs

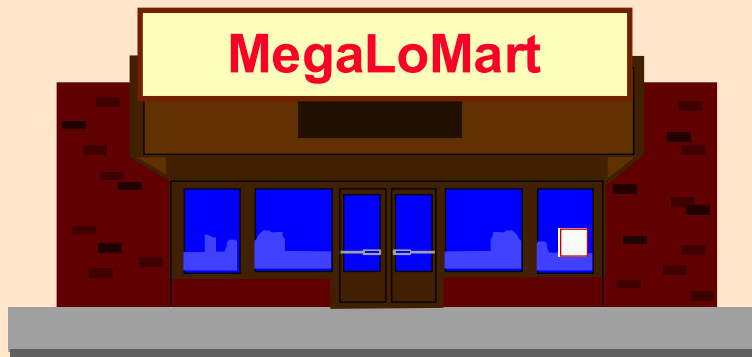
Manufacturing costs are often classified as follows:



# Comparing Merchandising and Manufacturing Activities

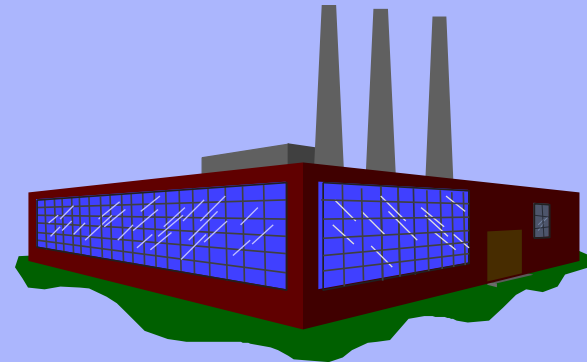
## Merchandisers . . .

- Buy finished goods.
- Sell finished goods.



## Manufacturers . . .

- Buy raw materials.
- Produce and sell finished goods.



# Balance Sheet

## Merchandiser

### Current assets

- ◆ Cash
- ◆ Receivables
- ◆ Prepaid Expenses
- ◆ Merchandise Inventory

## Manufacturer

### Current Assets

- u Cash
- u Receivables
- u Prepaid Expenses
- u Inventories
  - Raw Materials
  - Work in Process
  - Finished Goods

# Balance Sheet

## Merchandiser

### Current assets

- ◆ Cash
- ◆ Receivables
- ◆ Prepaid Expenses

Partially complete products – some material, labor, or overhead has been added.

## Manufacturer

### Current Assets

u Cash

Materials waiting to be processed.

u Inventories

- Raw Materials
- Work in Process
- Finished Goods

Completed products awaiting sale.

# The Income Statement

Cost of goods sold for manufacturers differs only slightly from cost of goods sold for merchandisers.

## Merchandising Company

|                                |                          |
|--------------------------------|--------------------------|
| Cost of goods sold:            |                          |
| Beg. merchandise inventory     | \$ 14,200                |
| + Purchases                    | <u>234,150</u>           |
| Goods available for sale       | \$ 248,350               |
| - Ending merchandise inventory | <u>(12,100)</u>          |
| = Cost of goods sold           | <u><u>\$ 236,250</u></u> |

## Manufacturing Company

|                                   |                         |
|-----------------------------------|-------------------------|
| Cost of goods sold:               |                         |
| Beg. finished goods inv.          | \$ 14,200               |
| + Cost of goods manufactured      | <u>234,150</u>          |
| Goods available for sale          | \$248,350               |
| - Ending finished goods inventory | <u>(12,100)</u>         |
| = Cost of goods sold              | <u><u>\$236,250</u></u> |

# Basic Equation for Inventory Accounts

**Beginning  
balance**

+

**Additions  
to inventory**

=

**Ending  
balance**

+

**Withdrawals  
from  
inventory**



# Schedule of Cost of Goods Manufactured

**Calculates the cost of raw material, direct labor and manufacturing overhead used in production.**

**Calculates the manufacturing costs associated with goods that were finished during the period.**

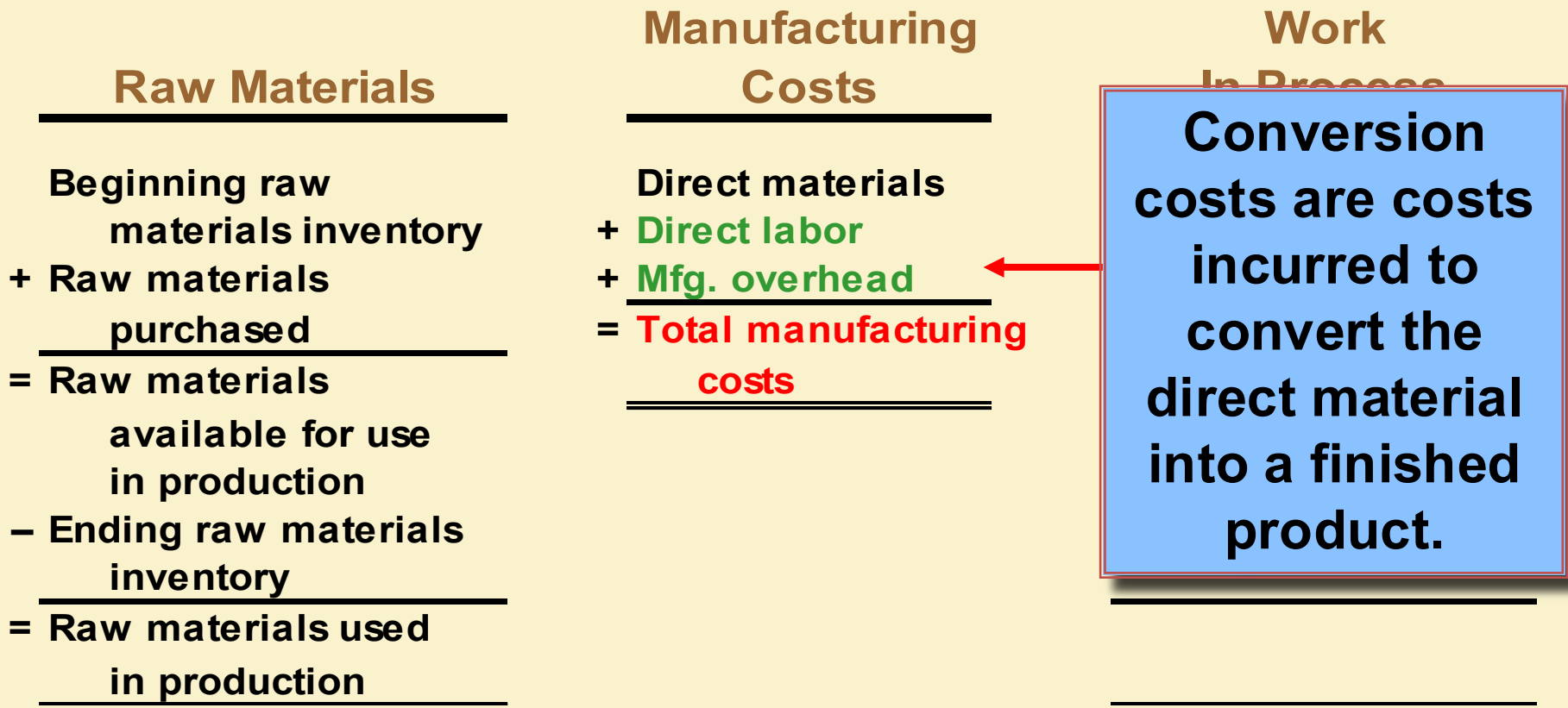


# Product Cost Flows

| Raw Materials                                   | Manufacturing Costs     | Work In Process |
|-------------------------------------------------|-------------------------|-----------------|
| Beginning raw materials inventory               |                         |                 |
| + Raw materials purchased                       |                         |                 |
| = Raw materials available for use in production |                         |                 |
| – Ending raw materials inventory                |                         |                 |
| = <b>Raw materials used in production</b>       | <b>Direct materials</b> |                 |

As items are removed from raw materials inventory and placed into the production process, they are called direct materials.

# Product Cost Flows



# Product Cost Flows

| <u>Raw Materials</u>                             | <u>Manufacturing Costs</u>                | <u>Work In Process</u>                 |
|--------------------------------------------------|-------------------------------------------|----------------------------------------|
| Beginning raw materials inventory                | Direct materials                          | Beginning work in process inventory    |
| + Raw materials purchased                        | + Direct labor                            |                                        |
|                                                  | + <u>Mfg. overhead</u>                    | + <b>Total manufacturing costs</b>     |
| = Raw materials available for use in production  | = <b><u>Total manufacturing costs</u></b> | = Total work in process for the period |
| - Ending raw materials inventory                 |                                           |                                        |
| = <b><u>Raw materials used in production</u></b> |                                           |                                        |

**All manufacturing costs incurred during the period are added to the beginning balance of work in process.**

# Product Cost Flows

## Raw Materials

Beginning raw materials inventory  
 + Raw materials purchased  
 = Raw materials available for use in production  
 – Ending raw materials

## Manufacturing Costs

Direct materials  
 + Direct labor  
 + Mfg. overhead  
 = Total manufacturing costs

## Work In Process

Beginning work in process inventory  
 + Total manufacturing costs  
 = Total work in process for the period  
 – Ending work in process inventory  
 = **Cost of goods manufactured**

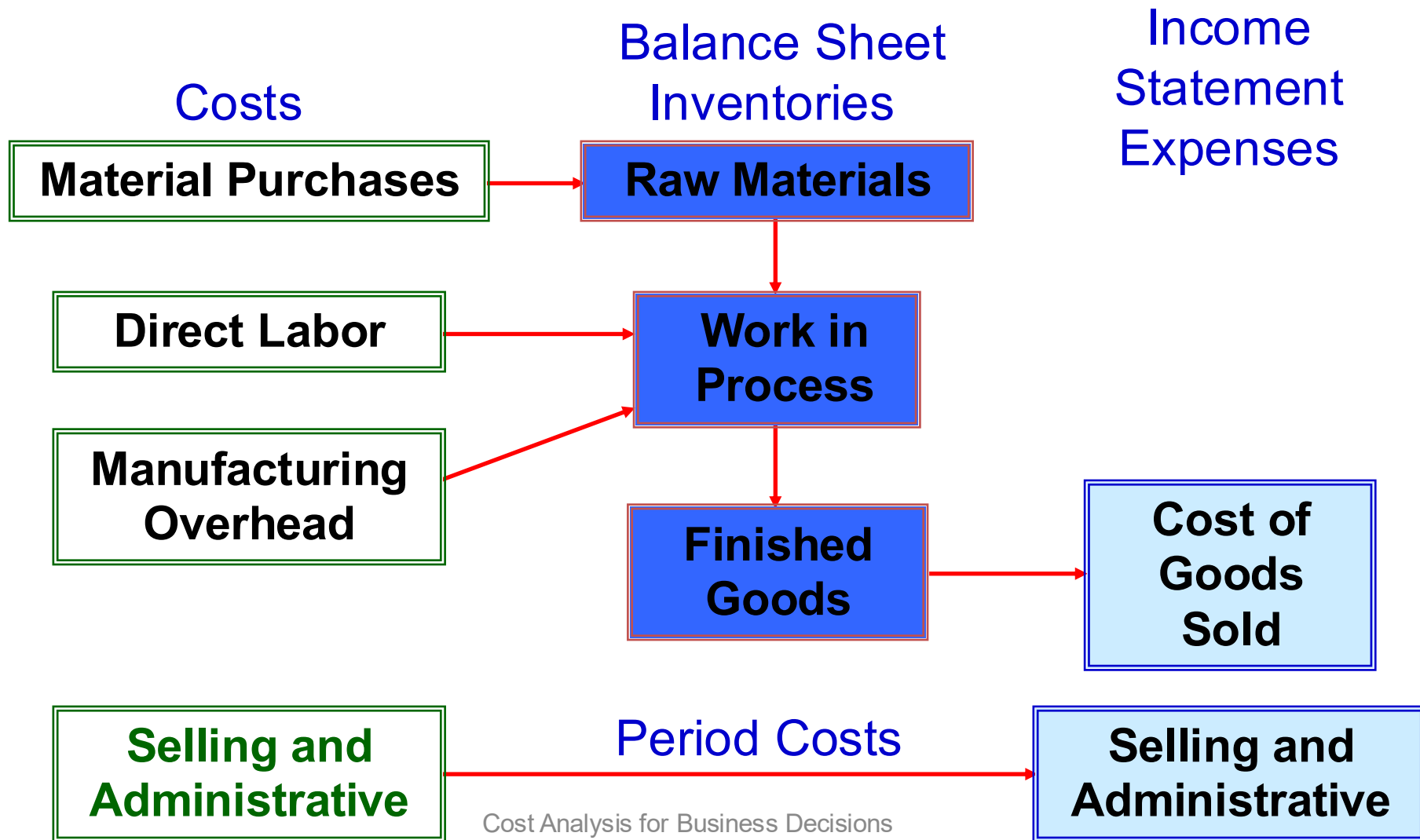
**Costs associated with the goods that are completed during the period are transferred to finished goods inventory.**



# Product Cost Flows

| <b>Work<br/>In Process</b>             | <b>Finished Goods</b>               |
|----------------------------------------|-------------------------------------|
| Beginning work in process inventory    | Beginning finished goods inventory  |
| + Manufacturing costs for the period   | + <b>Cost of goods manufactured</b> |
| <hr/>                                  | <hr/>                               |
| = Total work in process for the period | = Cost of goods available for sale  |
| - Ending work in process inventory     | - Ending finished goods inventory   |
| <hr/>                                  | <hr/>                               |
| = <b>Cost of goods manufactured</b>    | <b>Cost of goods sold</b>           |
| <hr/> <hr/>                            | <hr/> <hr/>                         |

# Manufacturing Cost Flows



# Exercise: Demonstration Problem 1

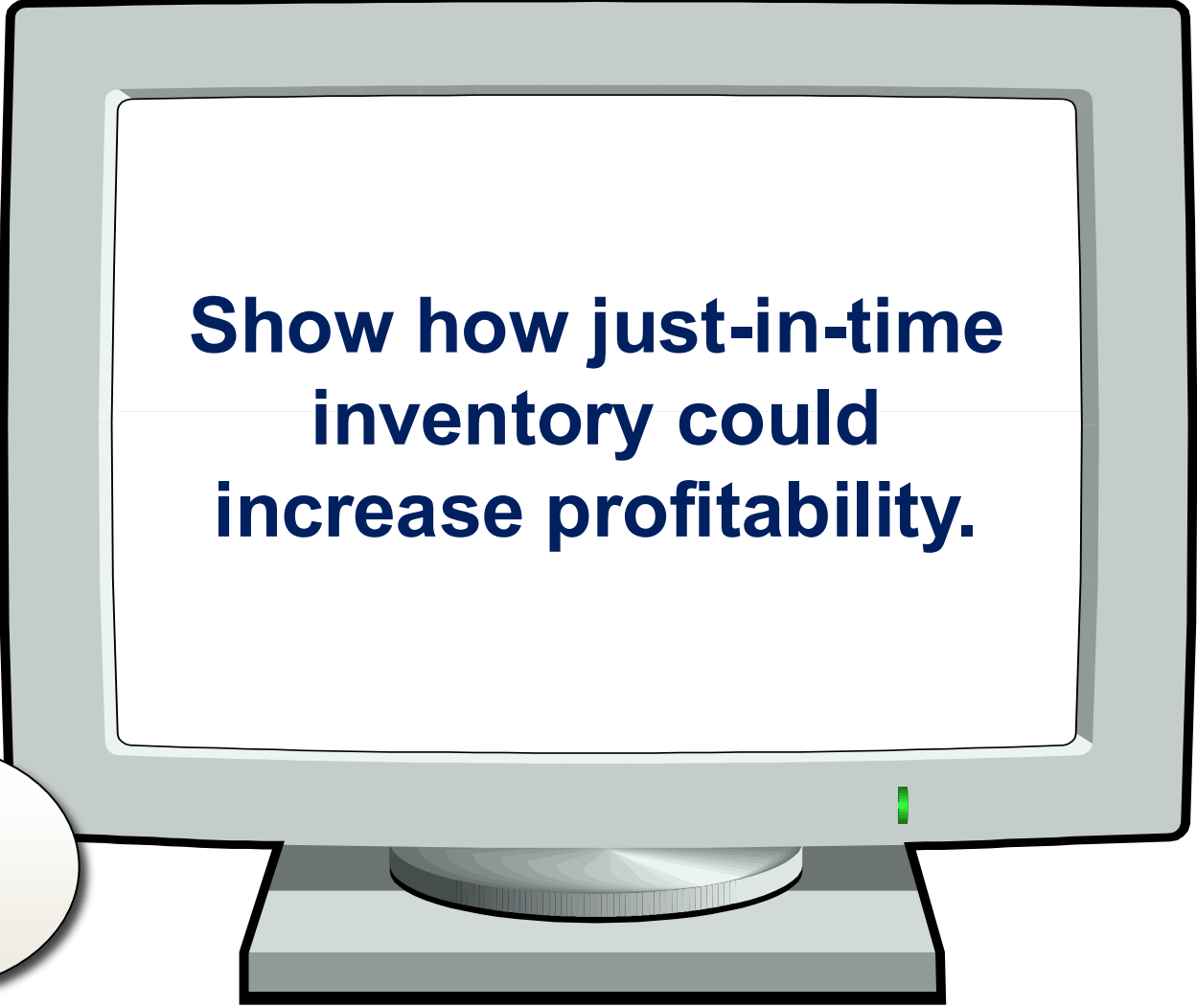


Eiffel Manufacturing Company makes small replicas of major landmarks that it sells to souvenir shops. The company was started on January 1, 2014, when it acquired \$60,000 cash from the issue of common stock. During 2014, the company purchased and used raw materials that cost \$16,000 cash. It paid wages of \$22,000 cash to the workers who made the replicas. Finally, manufacturing overhead costs, including rental fees paid for facilities and equipment, amounted to \$12,000 cash. The company started and completed the production of 1,000 replicas during 2014.

## Required:

- Determine the amount of expense Eiffel incurred in 2014, assuming none of the replicas was sold in 2014.
- Record the accounting events associated with making the 1,000 replicas in a financial statements model (please use the Horizontal Statement Model)
- Determine the cost per unit of the 1,000 replicas. Determine the sales price per unit assuming the products are sold for cost plus 40% of cost.
- Record the sale of 800 replicas.
- Record the payment of a \$4,000 sales commission to the salesperson who sold the replicas

# Learning Objective

A stylized illustration of a computer monitor with a grey frame and a white screen. The screen displays the learning objective text. The monitor has a small green light on the bottom right and sits on a grey base.

**Show how just-in-time  
inventory could  
increase profitability.**

A circular label with a light beige background and a dark border, containing the text 'LO3' in blue.

**LO3**

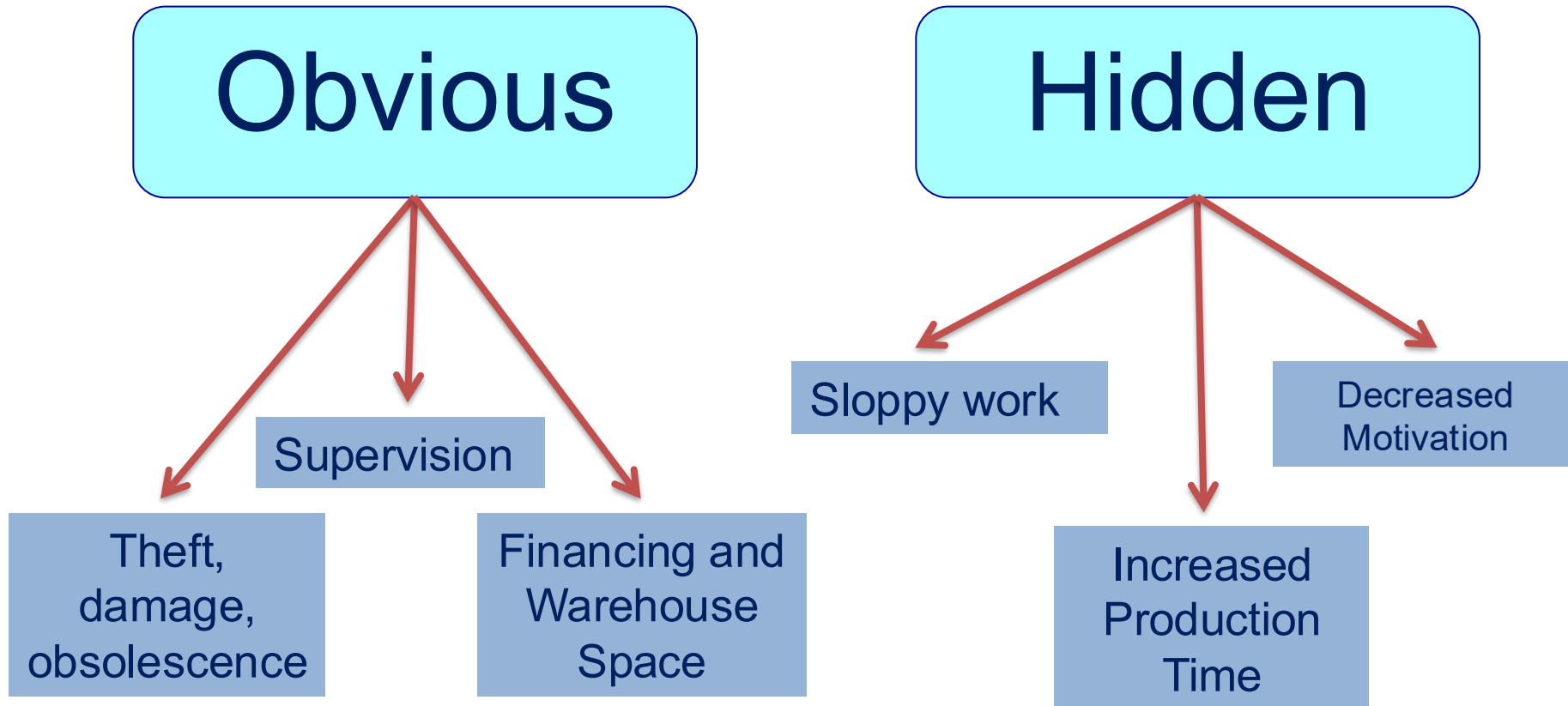
# Just-in-Time

Many businesses have been able to simultaneously reduce their inventory holding costs and increase customer satisfaction by making products available just-in-time (JIT) for customer consumption.

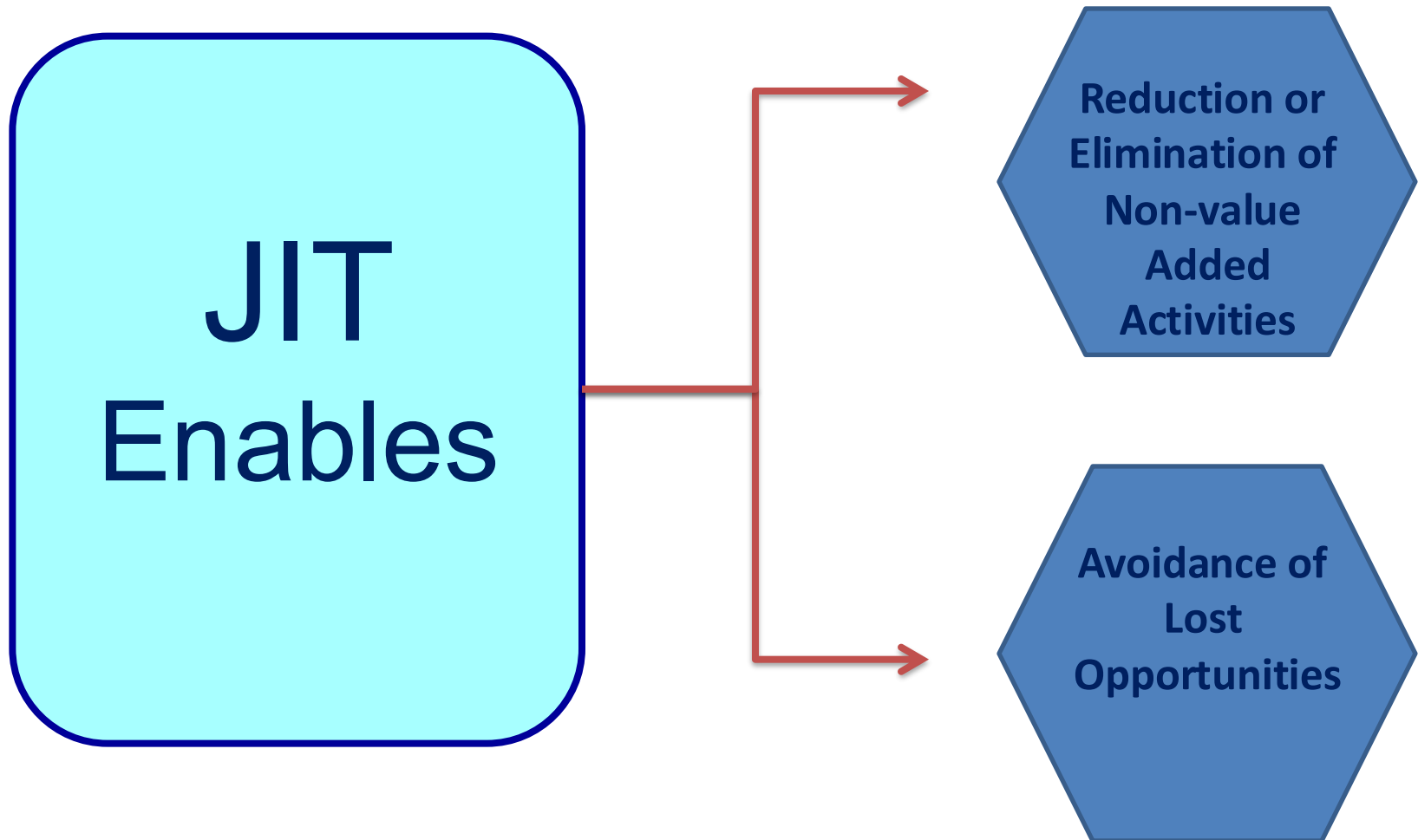
**For example, hamburgers that are cooked to order are fresher and more individualized than those that are prepared in advance and stored until a customer orders one.**



# Inventory Holding Costs



# Just-in-Time Inventory



# Learning Objective



**Identify the key  
components of  
corporate  
governance.**



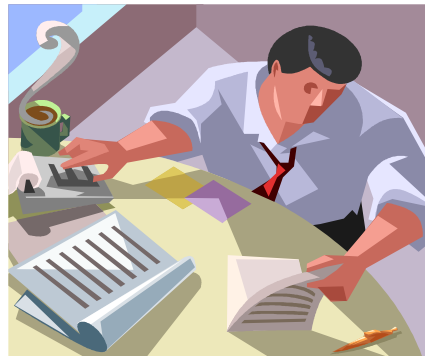
**LO4**

# Corporate Governance

Corporate governance is a set of relationships between the board of directors, management, shareholders, auditors, and other stakeholders that determine how a company is operated.



**Board of Directors**



**Auditors**



**Management**

# The Motive to Manipulate

## Strong Financials



Promotions  
Pay raises  
Bonuses  
Stock options

## Weak Financials



Passed over for promotions  
Demoted  
Fired

# Marion Manufacturing Company

Marion Manufacturing Company (MMC) had the following transactions:

1. MMC was started when it acquired \$12,000 from issuing common stock.
2. MMC incurred \$4,000 of costs to design its product and plan the manufacturing process.
3. MMC incurred specifically identifiable product costs of \$8,000.
4. MMC made 1,000 units of product and sold 700 of the units for \$18 each.

Let's look at two scenarios for MMC.

# Marion Manufacturing Company

## Scenario

### 1

The \$4,000 of design and planning costs are classified as selling and general and administrative.

## Scenario 2

The \$4,000 of design and planning costs are classified as product costs, meaning they are first accumulated in the inventory account and then expensed when the goods are sold.

# Financial Statements Under Alternative Cost Classification Scenarios

| Income Statements                  | Scenario 1                 | Scenario 2                 |
|------------------------------------|----------------------------|----------------------------|
| Sales revenue (700 × \$18)         | \$12,600                   | \$12,600                   |
| Cost of goods sold                 | <u>(5,600)<sup>1</sup></u> | <u>(8,400)<sup>3</sup></u> |
| Gross margin                       | 7,000                      | 4,200                      |
| Selling and administrative expense | <u>(4,000)</u>             | <u>0</u>                   |
| Net income                         | <u>\$ 3,000</u>            | <u>\$ 4,200</u>            |

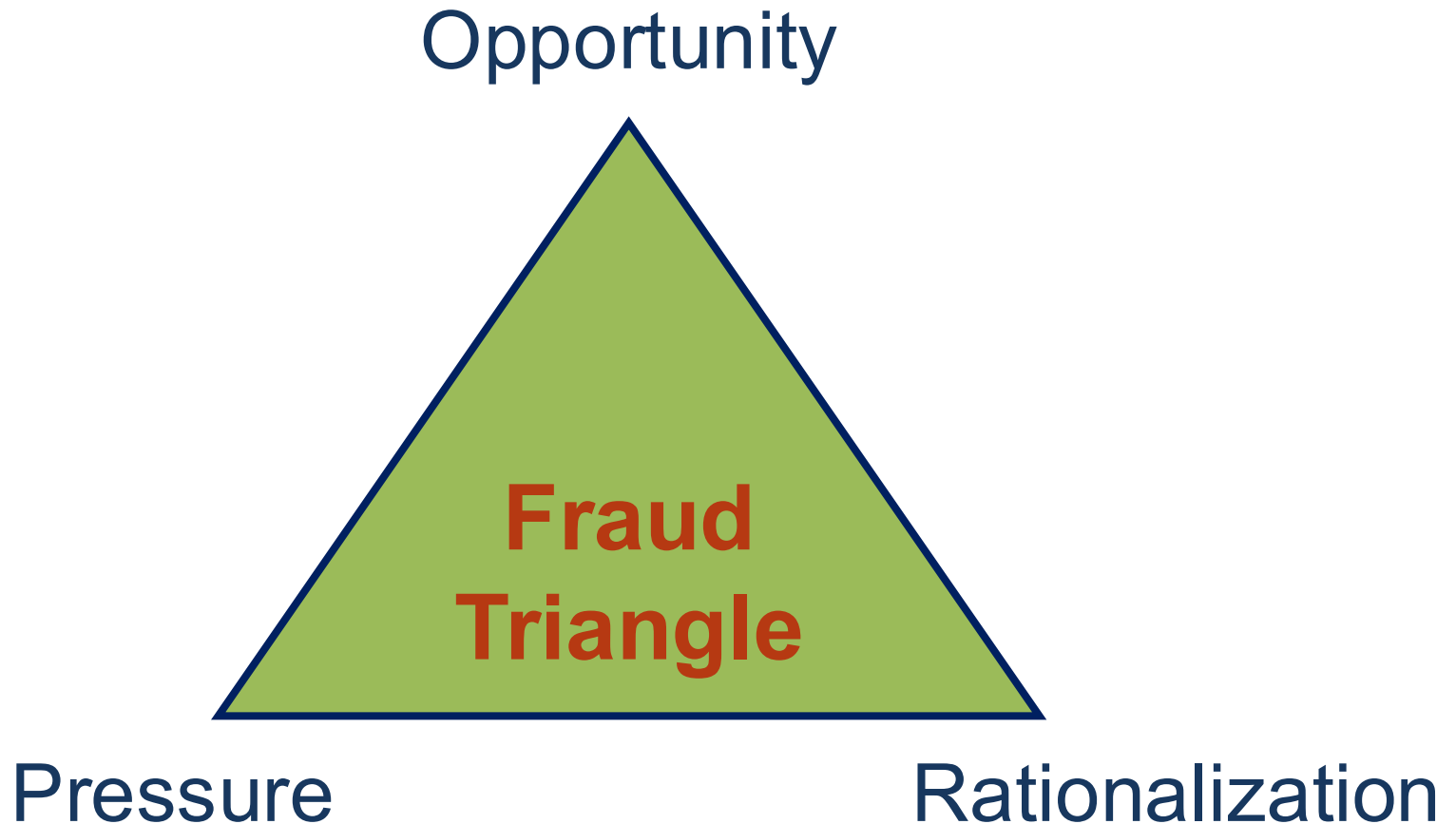
## Balance Sheets

|                             |                          |                          |
|-----------------------------|--------------------------|--------------------------|
| <b>Assets</b>               |                          |                          |
| Cash                        | \$12,600                 | \$12,600                 |
| Inventory                   | <u>2,400<sup>2</sup></u> | <u>3,600<sup>4</sup></u> |
| Total assets                | <u>\$15,000</u>          | <u>\$16,200</u>          |
| <b>Stockholders' equity</b> |                          |                          |
| Common stock                | \$12,000                 | \$12,000                 |
| Retained earnings           | <u>3,000</u>             | <u>4,200</u>             |
| Total stockholders' equity  | <u>\$15,000</u>          | <u>\$16,200</u>          |

# Ethical Considerations

- ❧ Certified Management Accountants are guided by the IMA *Statement of Ethical Professional Practice*
- ❧ The statement provides standards on
  - ❧ Competence
  - ❧ Confidentiality
  - ❧ Integrity
  - ❧ Credibility
  - ❧ Resolution of ethical conflict

# Common Features of Criminal and Ethical Misconduct



# Internal Control Practices

**Separating  
Duties**

**Hiring  
Competent  
Personnel**

**Bonding  
Employees**

**Requiring  
Extended  
Absences**

**Establishing Clear  
Lines of  
Authority &  
Responsibility**

**Using  
Prenumbered  
Documents**

**Establishing  
Physical Controls**

**Performing  
Evaluations at  
Regular Intervals**

# Exercise: Demonstration Problem 2



Klyn Manufacturing Company experienced the following accounting events during its first year of operation.

Except for the depreciation adjusting entries, all transactions are cash transactions.

- 1.Acquired \$50,000 cash from the issue of common stock.
- 2.Paid \$6,800 for the materials that were used to make its products. All products started were completed during the period.
- 3.Paid salaries of \$4,300 to selling and administrative employees.
- 4.Paid wages of \$7,200 to production workers.
- 5.On January 1, paid \$9,000 to buy furniture used in selling and administrative offices.
- 6.Recorded annual depreciation on the furniture referred to in Event 5. The furniture had a \$1,000 estimated salvage value and a 5-year useful life.

..continue..

# Exercise: Demonstration Problem 2



..continue..

7. On January 1, paid \$23,000 to buy manufacturing equipment.
8. Recorded annual depreciation on the equipment referred to in Event 7. It had a \$3,000 estimated salvage value and a 4-year useful life.
9. Completed 4,000 units of product. Determine the cost per unit and the sales price per unit assuming the sales price is cost plus 60% of cost. Record the sale of 3,000 units of product.
10. Code the recognition of cost of goods sold for the units sold in Event 9.

## Required

Show how these events would affect the balance sheet and income statement by recording them in a horizontal financial statements model (by equation method).