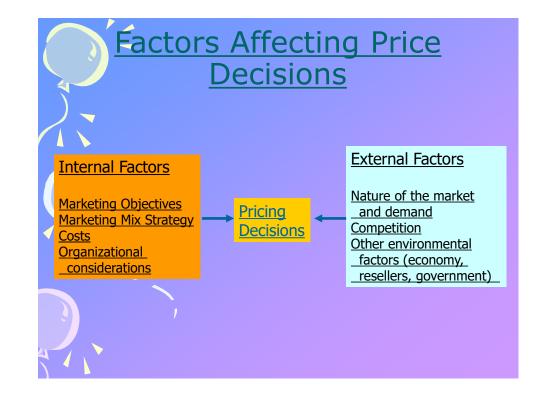




Price is the sum of all the values that consumers exchange for the benefits of having or using the product or service. Price has been the major factor affecting buyer choice; nonprice factors have become increasingly important in buyer-choice behavior. Price is the only element in the marketing mix that produces revenues; all others represent costs.

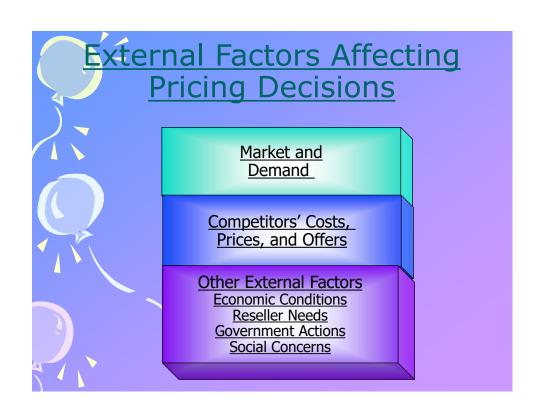


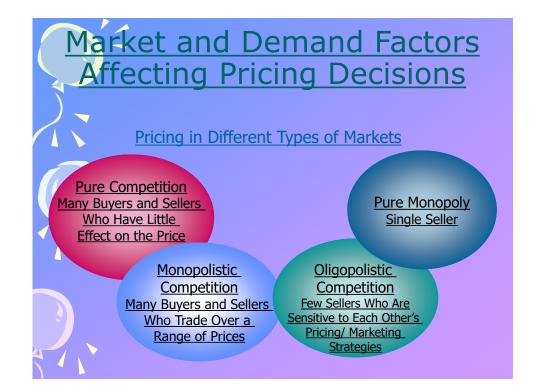


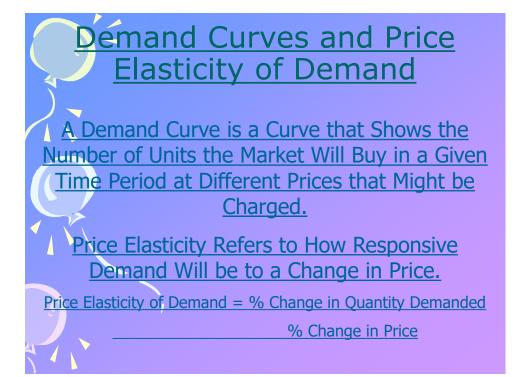


<u>Internal Factors Affecting Pricing</u> <u>Decisions: Marketing Objectives</u>

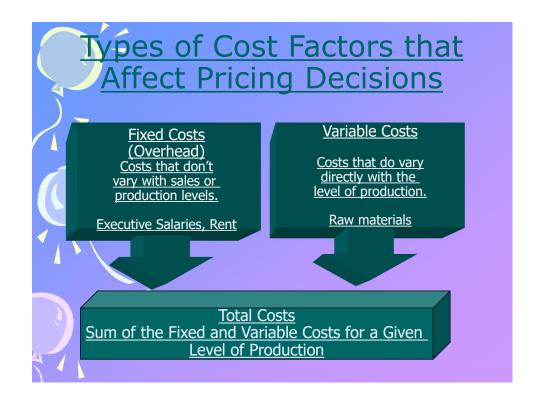
- Other specific objectives include:
 - Set prices low to prevent competition from entering the market,
 - Prices might be reduced temporarily to create excitement or draw more customers.
- Nonprofit and public organization may have other pricing objectives such as:
 - University aims for partial cost recovery,
 - Hospital may aim for full cost recovery,
 - Theater may price to fill maximum number of seats.







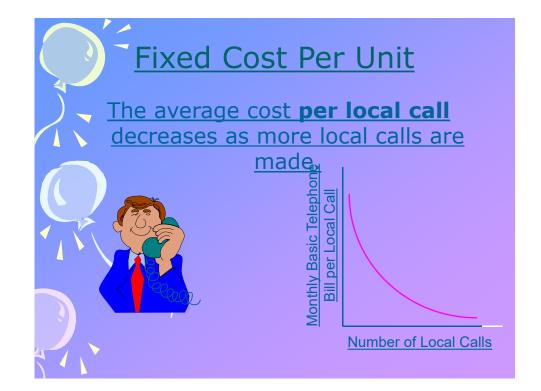


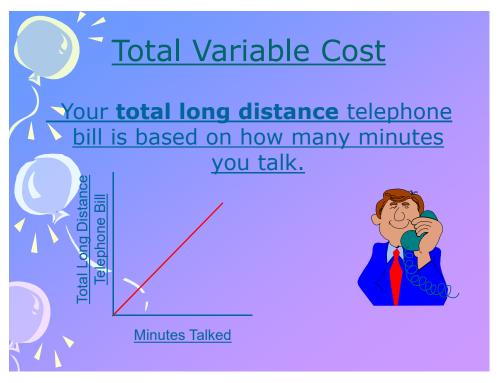


Cost Classifications for Predicting Cost Behavior

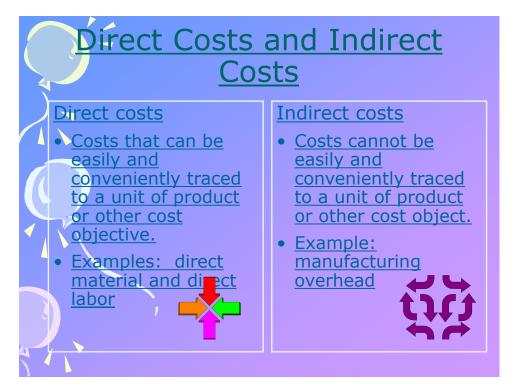
Behavior of Cost (within the relevant range)		
Cost	In Total	Per Unit
Variable	Total variable cost changes as activity level changes.	Variable cost per unit remains the same over wide ranges of activity.
Fixed	Total fixed cost remains the same even when the activity level changes.	Fixed cost per unit goes down as activity level goes up.

Your monthly basic telephone bill probably does not change when you make more local calls. Number of Local Calls





The cost per long distance minute talked is constant. For example, 10 cents per minute. Minutes Talked Minutes Talked



Opportunity Costs The potential benefit

The potential benefit that is given up when one alternative is selected over another. Example: If you were not attending college, you could be earning \$15,000 per year. Your opportunity cost of attending college for one year is \$15,000.



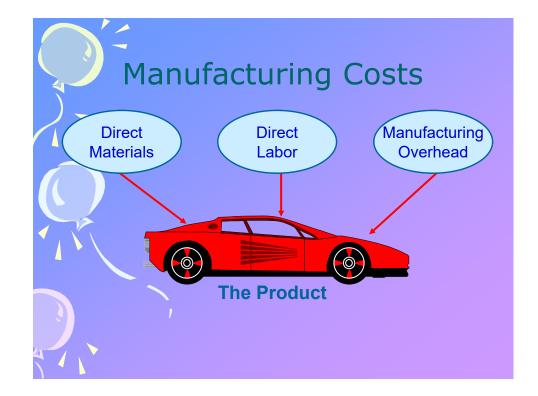
Sunk Costs

Sunk costs cannot be changed by any decision. They are not differential costs and should be ignored when making decisions.

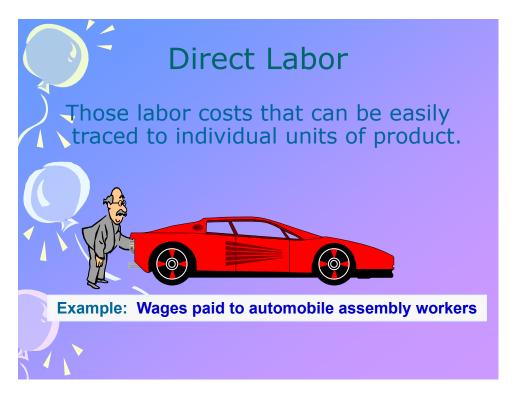
Example: You bought an automobile that cost \$10,000 two years ago. The \$10,000 cost is sunk because whether you drive it, park it, trade it, or sell it, you cannot cheep \$10,000 cost.

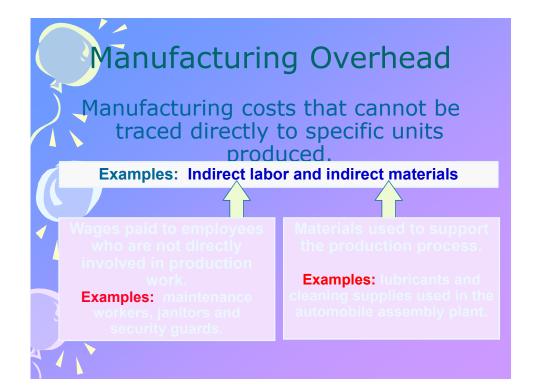
Manufacturing costs

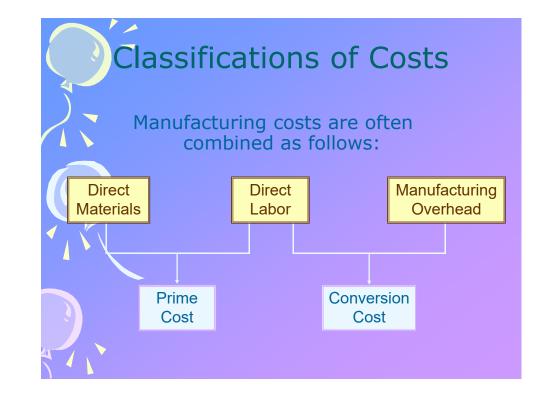
- All manufacturing costs, other than direct material and direct labour costs
- Production costs which cannot be traced to individual products
- Support (or service) departments
- Indirect materials
- Indirect labour



Those materials that become an integral part of the product and that can be conveniently traced directly to it. Example: A radio installed in an automobile











What are overhead costs?

- Product costing perspective
 - indirect manufacturing costs, or
 - all indirect costs
- Responsibility centre perspective
 - indirect costs of responsibility centres

Allocating indirect costs: general principles

- Using cost pools
 - direct costs can be traced directly to cost objects
 - indirect costs are *allocated* to cost objects
- Cost pools are often used to simplify the allocation process
 - a collection of costs that are to be allocated to cost objects, with a common allocation base

Cont.

Allocating indirect costs: general principles

- Determining cost allocation bases
 - cost allocation base some factor or variable that is used to allocate costs in a cost pool to cost objects
 - should be selected on cause-andeffect grounds: a cost driver
 - costs should at least show strong correlation between the costs and the allocation base

Allocating overhead costs to products

- Reliable product costs are important to many decisions
- Three approaches to allocating overhead costs to products
 - -plantwide approach
 - departmental overhead rates
 - activity-based costing

Plantwide approach

- All manufacturing overhead costs form a single cost pool and one overhead rate is calculated for the entire production plant
 - step 1 identify the overhead cost driver
 - step 2 calculate an overhead rate per unit of cost driver
 - step 3 apply manufacturing overhead costs to products using a predetermined overhead rate

Activity-based costing (or ABC) system

- Focuses attention on the costs of activities required to produce a product or service
- overhead costs are assigned to activities
 activity costs are applied to products using a rate, based on the activity cost per unit of cost driver
- Activities
 - a unit of work done within the business

Departmental overhead rates

- Two-stage cost allocation process
 - overhead costs allocated to production departments, by
 - tracing and allocating all manufacturing overhead costs to production and support departments
 - reassigning all support department costs to production departments
 - separate manufacturing overhead rates are calculated for each production department, using different cost drivers

Departmental overhead rates vs activity-based costing

- Departmental
 - stage 1 allocation bases used are ideally determined by causal relationships
 - stage 2 one cost driver per department, with cost drivers being measures of production
- Activity-based costing
 - focuses on costs of activities
 - many cost drivers which may be volume or non-volume related

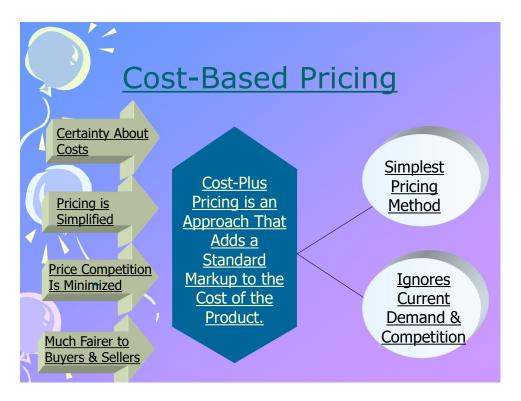
Costs and benefits of alternative approaches

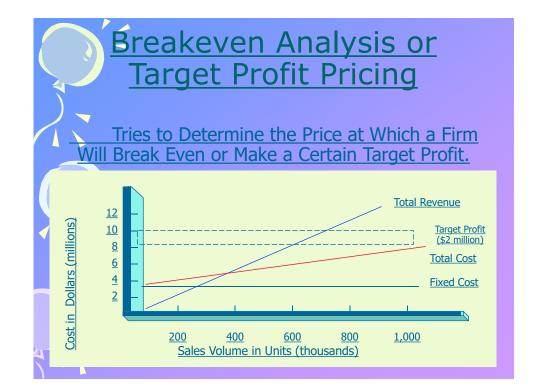
- Plantwide and departmental overhead costing systems tend to overcost high-volume relatively simple products and undercost low-volume complex products
- ABC systems using multiple cost drivers and overhead rates are more complicated and costly to operate, but produce more accurate information for decision making

Types of Cost Factors that Affect Pricing Decisions

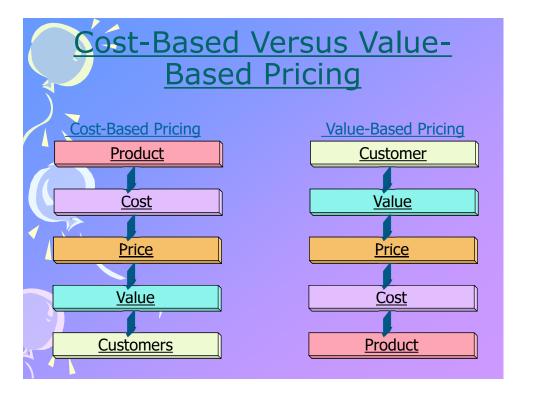
- As a firm gains experience in production, it learns how to do it better.
- The experience curve (or the learning curve) indicates that average cost drops with accumulated production experience.
- Strategy: company should price products low; sales increases; costs continue to decrease; and then lower prices further.
 - Risks are present with this strategy.















- Psychological pricing
 - to get a customer to respond on an emotional, rather than rational basis
 - .e.g 99c not €1.01 'price point perspective
- Product line pricing
 - rationale of a product range
 - e.g. MARS 32c, Four-pack 99c, Bite-size €1.29

Pricing variations

- <u>'off-peak'</u> pricing, early booking discounts,etc
- <u>e.g Grundig offers a 'cash back' incentive for expensive</u> goods
- Optional product-pricing
 - e.g. optional extras BMW famously under-equipped

Ten ways to 'increase' prices without increasing price according Winkler

- Revise the discount structure
- Change the minimum order size
- Charge for delivery and special services
- Invoice for repairs on serviced equipment
- Charge for engineering, installation

Specific pricing strategies

- Captive product pricing
 - products that complement others, e.g Gillette razors (low price) and blades (high price)
- Product-bundle pricing
 - sellers combine several products at the same price, e.g software, books, CDs.
- Promotional pricing
 - BOGOF e.g. toothpaste, soups, etc
- Geographical pricing
 - different prices for customers in different parts of the world, e.g.Include shipping costs, or place on PLC
- Value pricing
 - <u>usually during difficult economic conditions, e.g. Value</u> menus at McDonalds

Ten ways to 'increase' prices without increasing price - Winkler

- Charge for overtime on rushed orders
- Collect interest on overdue accounts
- Produce less of the lower margin models in the line
- Write penalty clauses into contracts
- Change the physical characteristics of the product