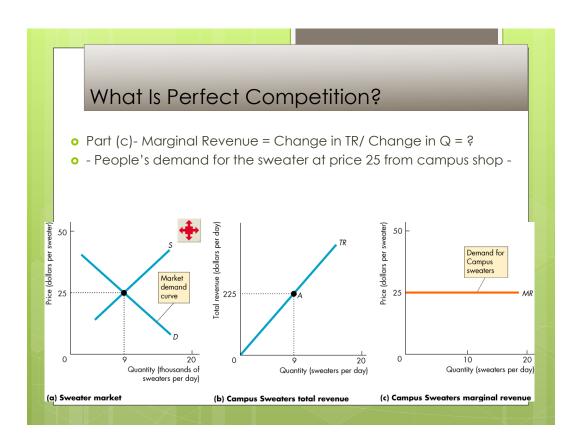


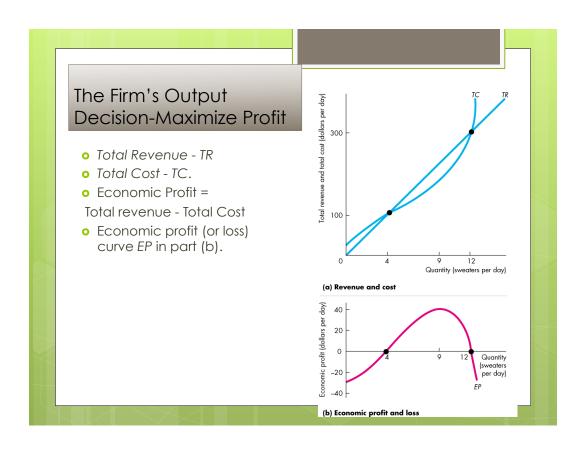
What Is Perfect Competition?

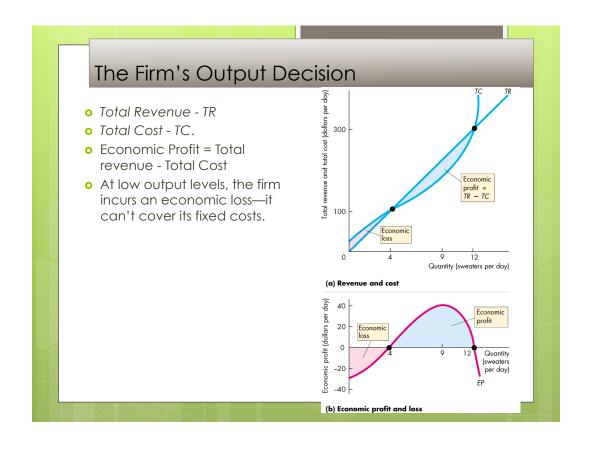
- Many firms; identical products; many buyers.
- No Restrictions to entry.
- Established firms have no advantages over new ones.
- Sellers and buyers are well informed about prices.

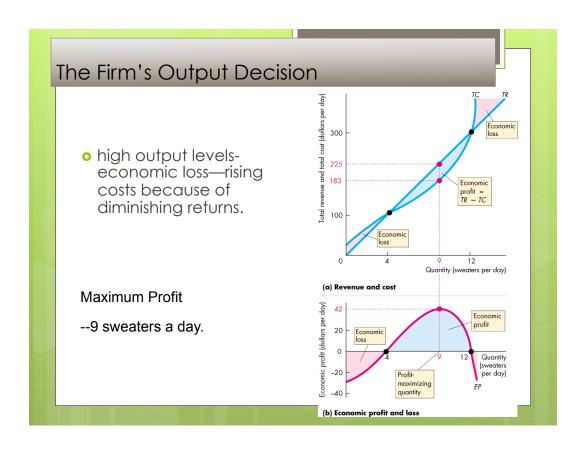
What Is Perfect Competition?

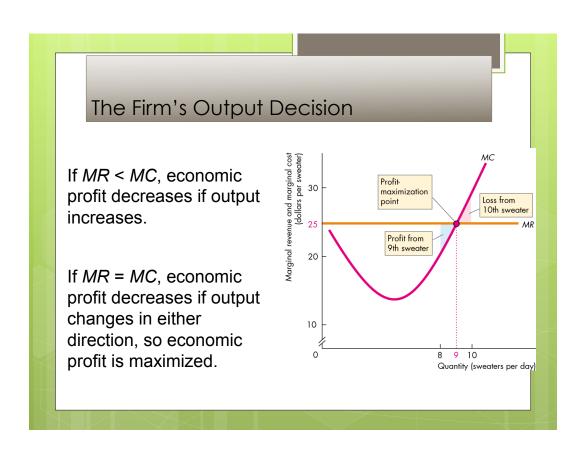
- How Perfect Competition Arises
- When firm's minimum efficient scale is small relative to market demand
 - Room for many firms in the industry.
- good or service perfect substitutes
- Each firm is a price taker











The Firm's Output Decision

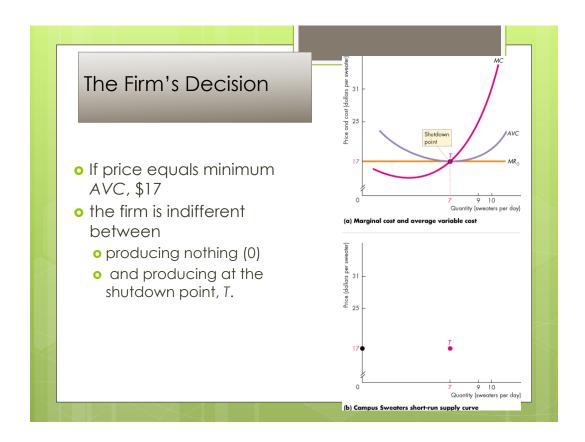
The Firm's Supply Curve

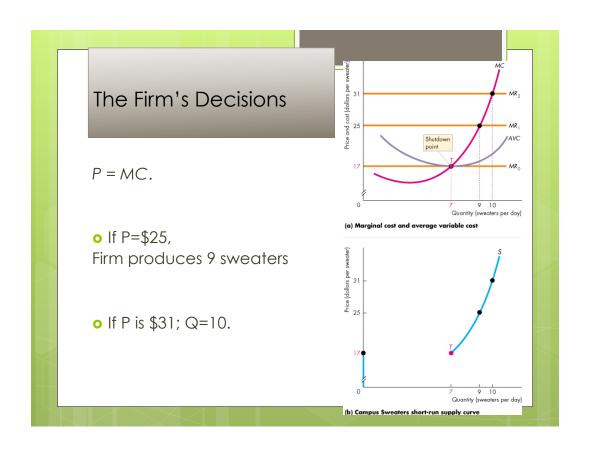
- How does output vary with prices.
 - the firm's supply is linked to its marginal cost curve.

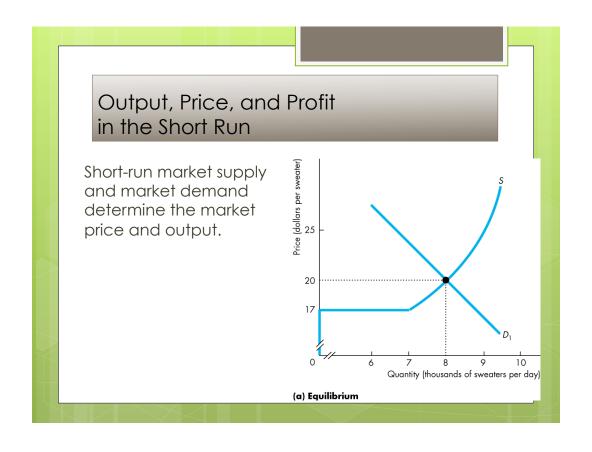
firm produces the output at which

• marginal revenue = marginal cost

Note: marginal revenue = price

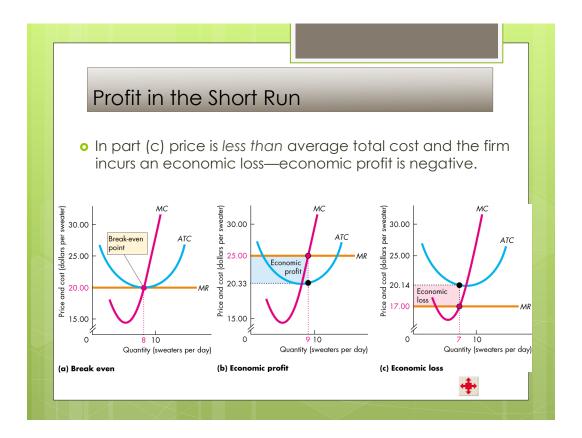






Profit in the Short Run

- Maximum profit is not always a positive economic profit.
- Economic Profit- firm's average total cost at the profitmaximizing output with the market price.
- Figure 12.8 on the next slide shows the three possible profit outcomes.



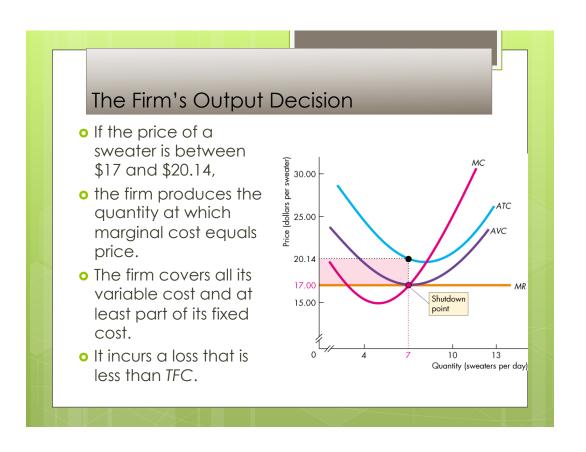
The Firm's Output Decision

- Loss Comparison
- Economic loss = TFC + TVC TR
- $= TFC + (AVC P) \times Q$
- If the firm shuts down, Q is 0 and the firm still has to pay its TFC.
- So the firm incurs an economic loss equal to TFC.
- This economic loss is the largest that the firm must bear.

The Firm's Output Decision

- Temporary Shutdown Decision
 - economic loss decide to exit the market or to stay in the market.
 - stay in the market- decide whether to produce something or to shut down temporarily.
 - The firm incurs a loss equal to TFC from either action.
 - Shutdown point- AVC is at its minimum.

The Firm As Output Decision sweater. • 7*3.14 • The firm incurs a loss equal to TFC. The firm incurs a loss of the fir



Output, Price, and Profit in the Long Run

- In short-run equilibrium, a firm may make an economic profit, break even, or incur an economic loss.
- Only one of them is a long-run equilibrium because firms can enter or exit the market.

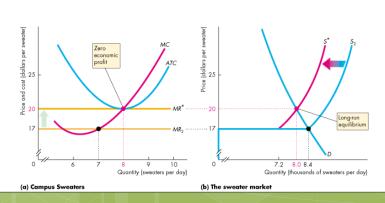


Output, Price, and Profit in the Long Run

- Entry and Exit
 - New firms enter an industry in which existing firms make an economic profit.
 - Firms exit an industry in which they incur an economic loss.
 - Figure 12.9 shows the effects of entry and exit.

Output, Price, and Profit in the Long Run

- Firms exit as long as firms are incurring economic losses.
- In the long run, the market supply decreases, the market price rises until firms make zero economic profit.



Competition and Efficiency

- Equilibrium and Efficiency
- In competitive equilibrium, resources are used efficiently—the quantity demanded equals the quantity supplied, so marginal social benefit equals marginal social cost.
- The gains from trade for consumers is measured by consumer surplus.
- The gains from trade for producers is measured by producer surplus.
- Total gains from trade equal total surplus. In long-run equilibrium total surplus is maximized.

Competition and Efficiency

- Figure 12.12(b) shows the market.
- Along the market demand curve D =MSB, consumers are efficient.
- Along the market supply curve S = MSC, producers are efficient.

