

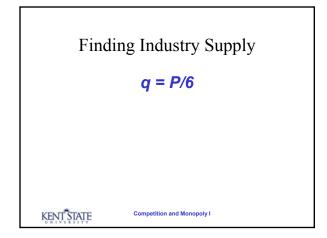
Competition and Monopoly I

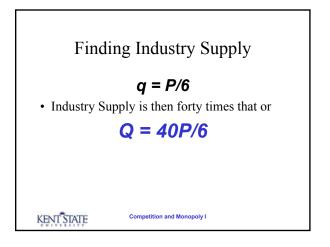
Finding Firm Supply • We know industry demand Q = 600 - 10P• We must find industry supply. The cost function is  $27 + 3q^2 \Rightarrow MC = 6q$ Each firm produces where MC = P 6q = P

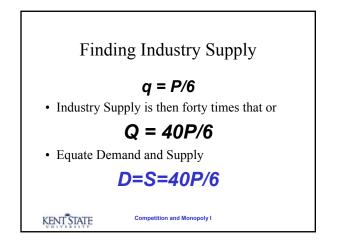
Competition and Monopoly I

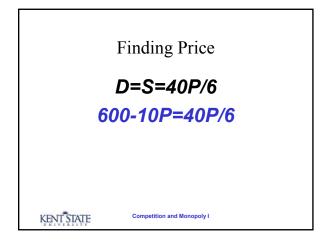
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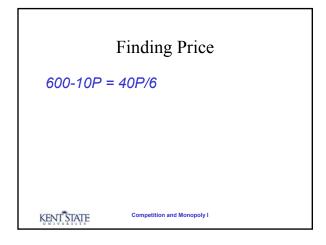
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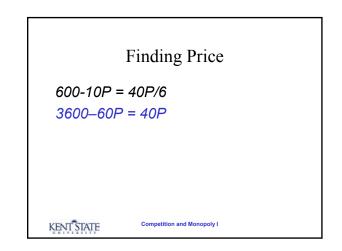


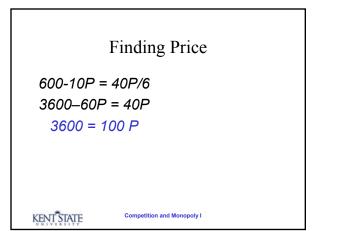


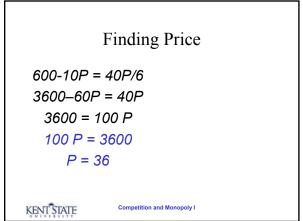


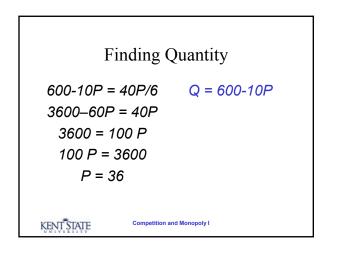


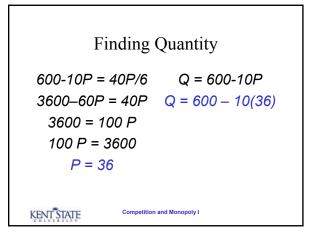


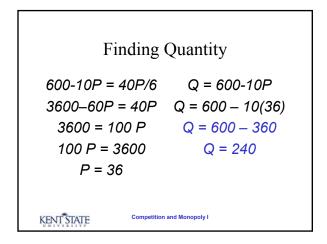


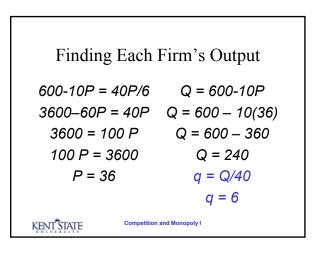


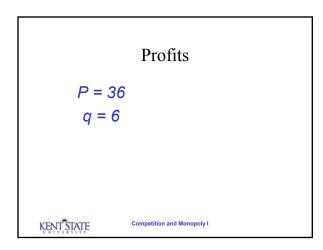


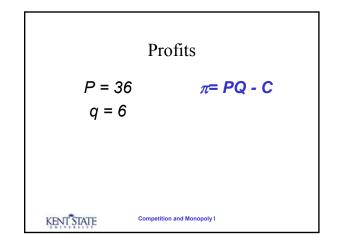


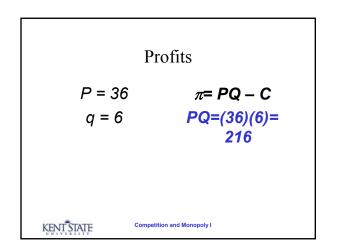


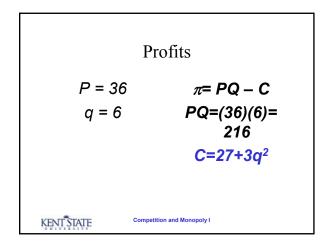


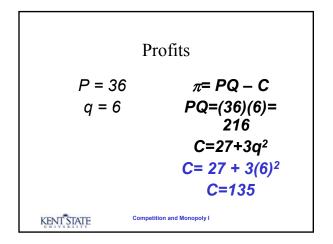


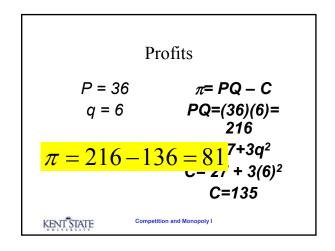


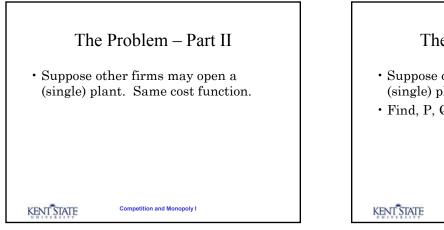


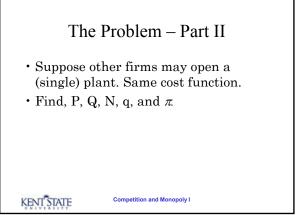


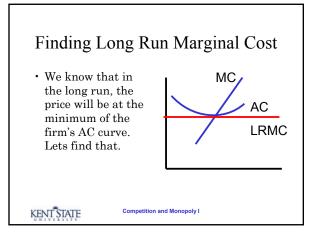


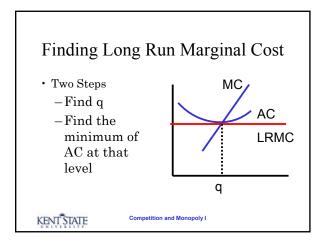


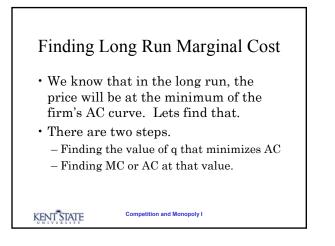


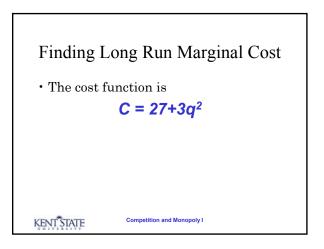


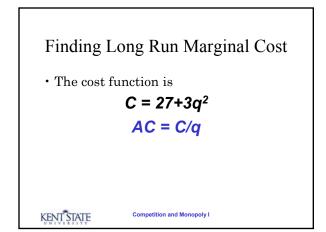


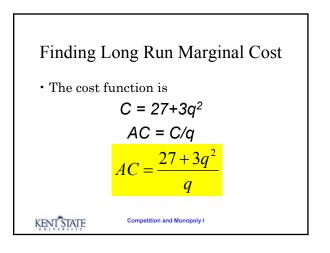


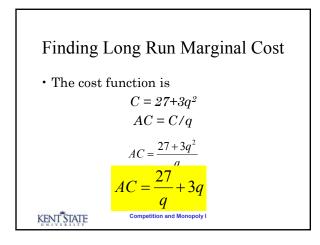


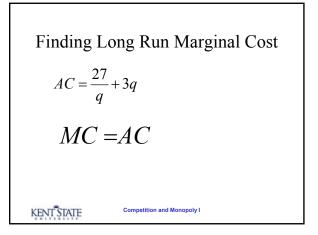


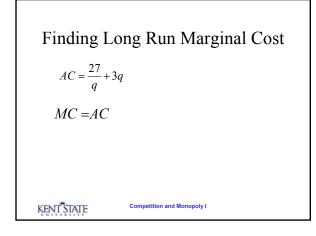


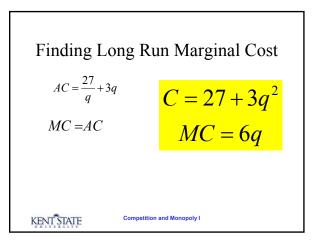


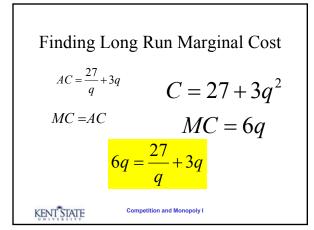


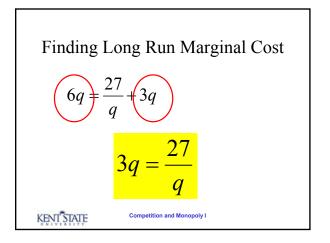


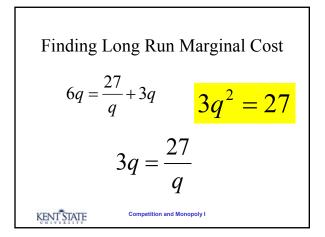


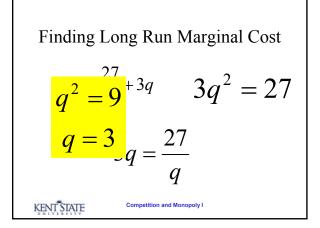


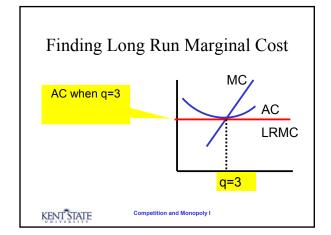


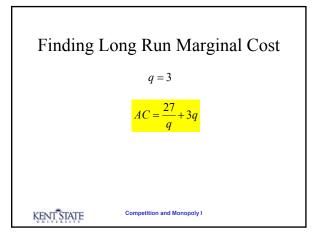












Finding Long Run Marginal Cost  

$$q = 3$$
  
 $AC = \frac{27}{q} + 3q$   
 $AC = \frac{27}{3} + 3(3) = 18$   
Competition and Monopoly I

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