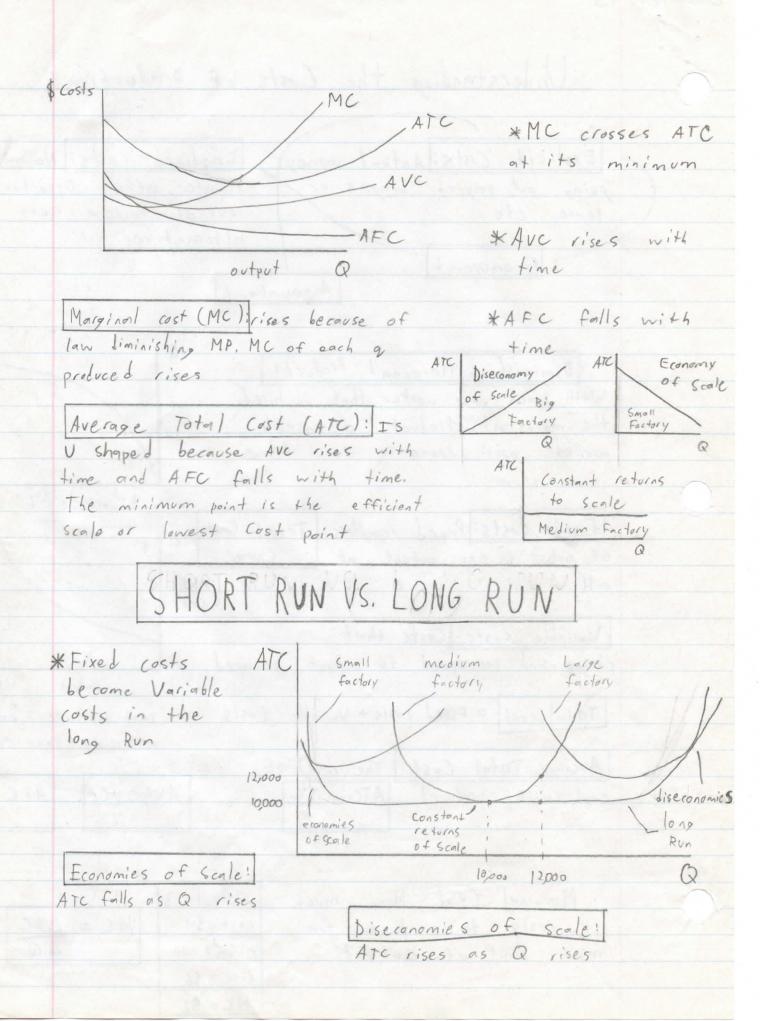
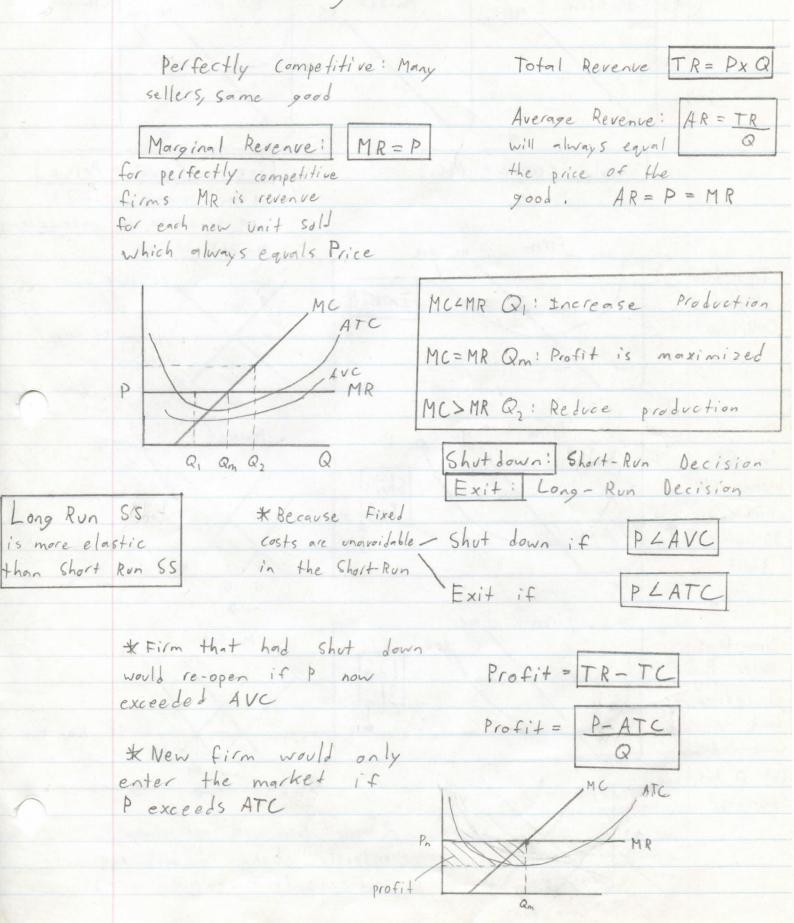
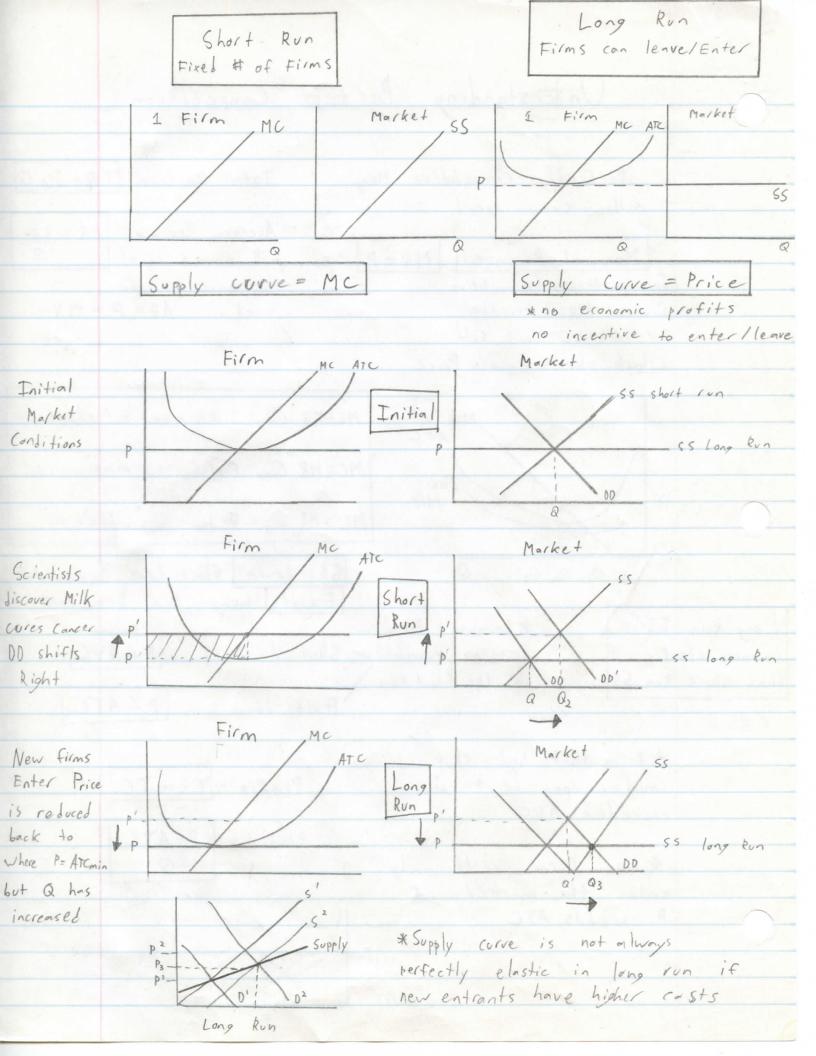
Chapter 13 Understanding the Costs of Production Explicit Costsi Actual money Implicit Costs! No money going out, paying wages or transfer, often Opportunity leace, etc cost of forgone next best alternative Economist Accountant Diminishing Marginal Product: With each new worker that is hired, 18 the marginal Product of each worker will decrease over time Fixed Costs: Payed regardless Total Cost TC of output if any output at Curve: Variable Costs: Costs that change and correspond to output produced output Q Total cost = Fixed costs + Variable Costs cost increase exponentially as output increases Average Total Cost! The cost of each unit produced ATC = IC AVC=VC AFC = FC Marginal Cost: How much Output 3 it costs to produce one MC = ATC Cost = \$4 more unit of output output 4 Cost = \$6

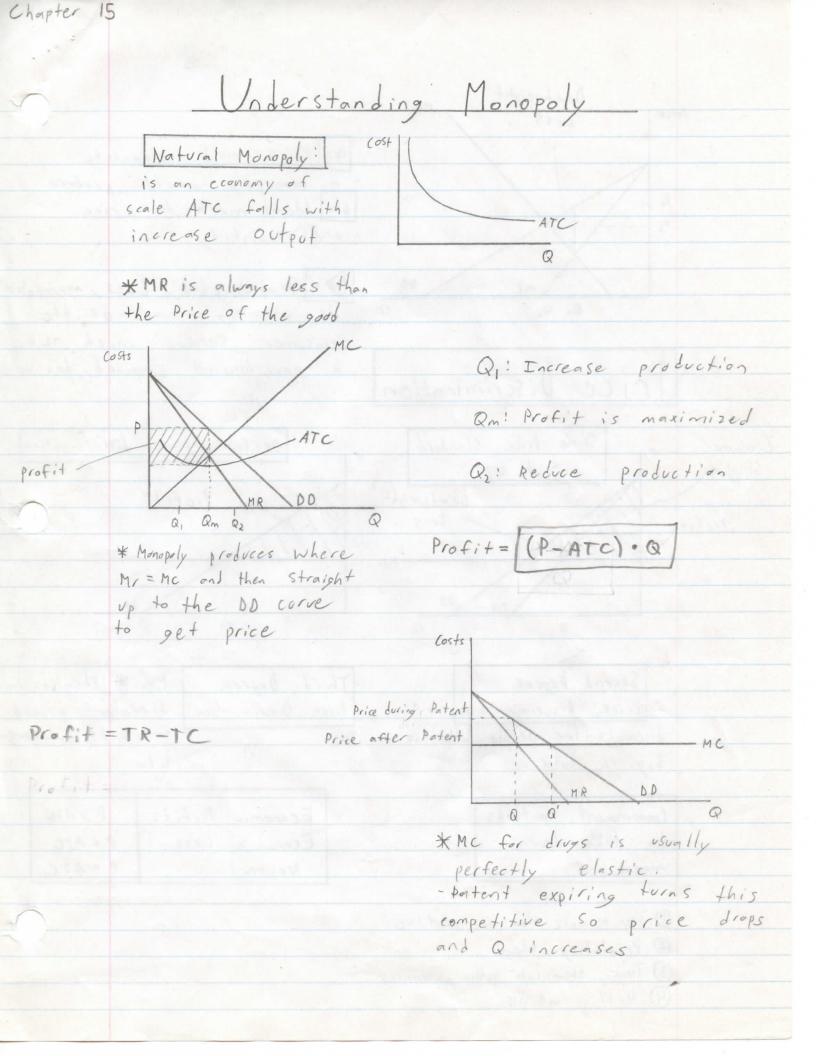
MC = \$2

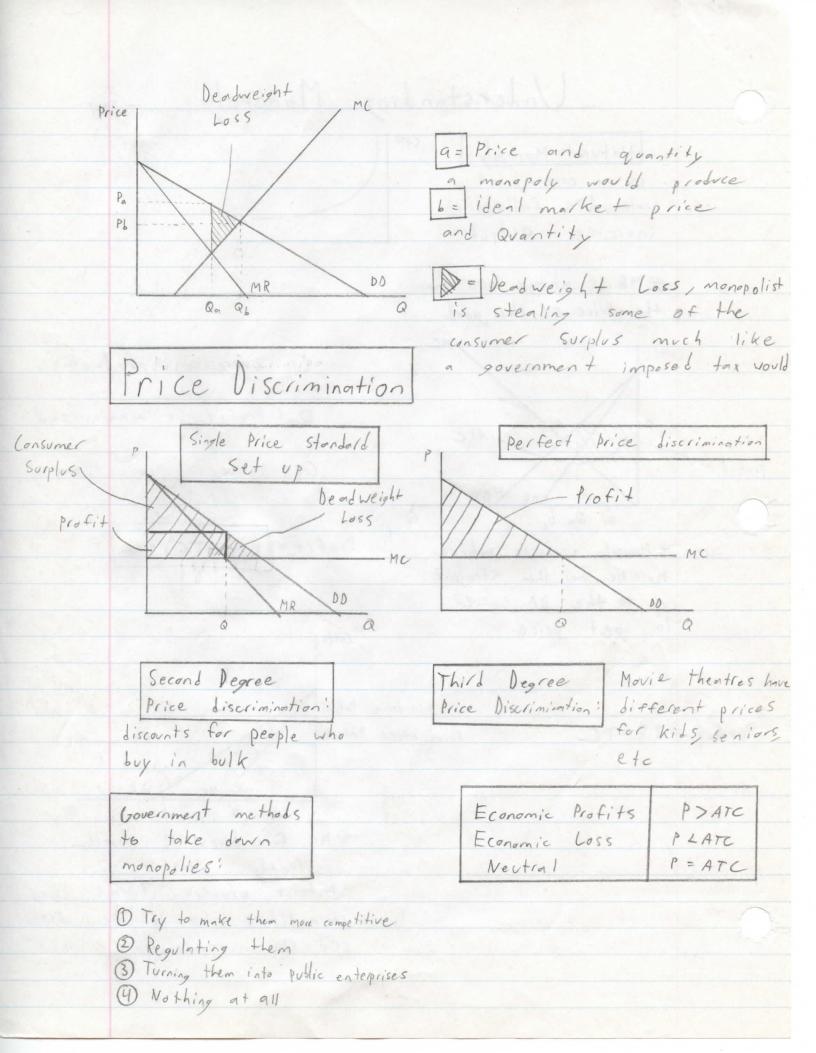


## Understanding Perfect Competition









Chapter 16 UnderStanding Monopolistic Competition Monopolistic Competition: Short Run! 1 Many Sellers 2 Different Products 3) No barriers to entry or exit Long Run! Price ors Manopoly As more firms enter or leave economic Profits go to zero and Price = ATC ONG Manopolistic Competition perfect competition Qefficient \* Niether makes profit but manapolistic is inneficient because it produces below the efficient level of output at a higher price

Understanding Oligopoly Oligopoly: O Few sellers 2) Same product A's Output \* If neither Chents 1 Monopoly 3 Monopoly A Profit = 20 A Profit = 22 Monopoly B'5 output B Profit = 20 B Profit = 15 A Profit=15 A Profit=17 B Profit=22 B Profit=17 \* Dominant Strategy by both A and B leads

Chapter 17