

UNIT 1

SUPPLY AND DEMAND

Demand: Quantity demanded of goods and services and money and labor in the

- Law of Demand - Quantity demanded varies inversely with quantity demanded
 1. Substitution Effect
 2. Income Effect
 3. Law of Diminishing Marginal Utility, Marginal Utility
- **Supply (Microeconomic) in Supply**
 1. Short-run Production
 2. Production and Distribution
 3. Production and Distribution
 - Short-run: Fixed vs. Variable
 - Long-run: All Variable
 4. Short-run Production

| | | | |
|--------------------|------------|--------------------|------------|
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |
 5. Short-run Production

| | | | |
|--------------------|------------|--------------------|------------|
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |

Supply: Quantity supplied of goods and services and labor and money and labor in the

- Law of Supply - Quantity supplied varies directly with quantity demanded
 1. Substitution Effect
 2. Income Effect
 3. Law of Diminishing Marginal Utility, Marginal Utility
- **Supply (Microeconomic) in Supply**
 1. Short-run Production
 2. Production and Distribution
 3. Production and Distribution
 - Short-run: Fixed vs. Variable
 - Long-run: All Variable
 4. Short-run Production

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|--------------------|------------|--------------------|------------|
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| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |
| • Short-run: Fixed | • Variable | • Short-run: Fixed | • Variable |



Consumer Surplus
 $CS = \frac{1}{2} (P_{max} - P_e) \cdot Q_e$

Producer Surplus
 $PS = \frac{1}{2} (P_e - P_{min}) \cdot Q_e$

Supply and Demand

• Supply and Demand: Quantity of goods and services and money and labor in the

- **Supply and Demand**

| | | | |
|----------|----------|----------|----------|
| • Supply | • Demand | • Supply | • Demand |
| • Supply | • Demand | • Supply | • Demand |
| • Supply | • Demand | • Supply | • Demand |
- **Supply and Demand**

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| • Supply | • Demand | • Supply | • Demand |
| • Supply | • Demand | • Supply | • Demand |



Supply and Demand

- **Supply and Demand**

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| • Supply | • Demand | • Supply | • Demand |
| • Supply | • Demand | • Supply | • Demand |
| • Supply | • Demand | • Supply | • Demand |
- **Supply and Demand**

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| • Supply | • Demand | • Supply | • Demand |
| • Supply | • Demand | • Supply | • Demand |
| • Supply | • Demand | • Supply | • Demand |

Consumer Surplus



Supply and Demand



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