

# UNIT 1

## SUPPLY AND DEMAND

**Demand:** Describes quantity of goods and services that consumers are **able** to buy

- **Law of Demand:** - Change in quantity demanded when one quantity changes

1. Substitution Effect
2. Income Effect
3. Law of Diminishing Marginal Utility

• **3 Sources (Determinants) of Demand:**

1. **Number and Purchasing Power**
  - a. **Number of Consumers**
    - 1. **Population Growth**
      - Demand curve shifts to the **right**
    - 2. **Immigration**
      - Demand curve shifts to the **right**
    - 3. **Emigration**
      - Demand curve shifts to the **left**
  - 2. **Income**
    - **Normal Goods**
      - Demand curve shifts to the **right**
    - **Normal Goods**
      - Demand curve shifts to the **left**
2. **Price of Related Goods**
  - 1. **Substitutes**
    - Demand curve shifts to the **right**
  - 2. **Complements**
    - Demand curve shifts to the **left**

**Supply:** Describes quantity of goods and services that producers are **able** to sell (provide)

- **Law of Supply:** - Change in quantity supplied when one quantity changes

• **3 Sources (Determinants) of Supply:**

1. **Technology and Costs (Production)**
2. **Factor Inputs**
3. **Weather**
4. **Government Action: Tax or Subsidy**
5. **Expectations of Future Prices**



**Consumer Surplus:**

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

Where  $P_{max}$  is the maximum willingness to pay and  $P_e$  is the equilibrium price.

**Supply:**

- **Supply:** - the total amount of a good or service that producers are **able** to produce

**Factors of Supply:**

- 1. **Technology**
- 2. **Factor Inputs**
- 3. **Weather**
- 4. **Government Action**
- 5. **Expectations of Future Prices**

**Factors of Supply:**

- 1. **Technology**
- 2. **Factor Inputs**
- 3. **Weather**
- 4. **Government Action**
- 5. **Expectations of Future Prices**

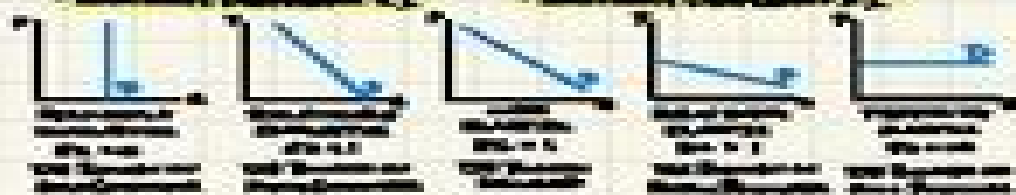
• **Shifts in Supply:**

- **Shifts in Supply:** - change in the quantity of a good or service that producers are able to produce
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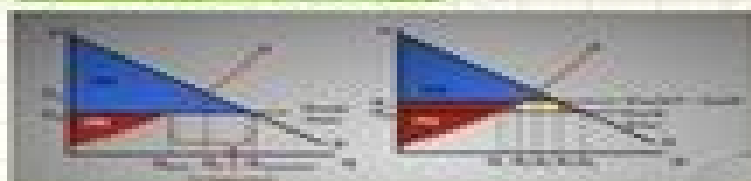
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**Consumer Surplus:**



**Supply:**



# Economics Macroeconomics Performance Study Guide Test

**Janice Boucher Breuer**



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obd ii changes things by making them the same what is the obd ii standard obd ii standardizes communication for the data link connector shape and pinout trouble codes and communication protocols obd ii allows any generic scan tool to connect and talk to any car this is good news for non specializing technicians

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