



















#### Mixed tariffs

- A choice between ad valorem and/or specific tariffs depending on the condition attached: whichever is greater (normally); or whichever is lower (sometimes)
- A minimum or maximum of tow kinds of tariffs.
  - E.g:
    - India imposes a tariff on fabrics of 15% or Rs.
       87 per m2, depending on whichever is greater
    - A minimum of 10% or 2USD/kg on fish imported







## Other types of tariff

- Bound tariffs
  - Bound tariffs are specific commitments made by individual WTO member government
  - The maximum tariff level for a given commodity line.
- Applied MFN tariffs
  - Tariffs actually applied to all imports except where preferences
  - Bound tariffs ≥ Applied tariffs
  - No or little binding overhang for most developed countries but high for developing countries.







### Assumptions

- Two countries: Home and Foreign
- Both countries produces and consumes wheat.
- Wheat price (P<sub>w</sub>) is quoted in terms of Home currency
- Suppose: in the absence of trade the price of wheat in Foreign (P\*<sub>w</sub>) is lower than that in Home (P<sub>w</sub>).
  - With trade, Foreign will export wheat => construct an export supply curve
  - With trade, Home will import wheat => construct an import demand curve





















- The price in Home rises to  $P_{T}$ 
  - Domestic producers should supply more and domestic consumers should demand less.
  - The quantity of imports falls from  $Q_W$  to  $Q_T$
- The price in Foreign falls to P<sup>\*</sup><sub>τ</sub>
  - Foreign producers should supply less and foreign consumers should demand more.
  - The quantity of exports falls from  $Q_W$  to  $Q_T$
- Home import demand = Foreign export supply when  $P_T P_T^* = t$



# Measuring the costs and benefits (cont.)

- A tariff raises the price of a good in the importing country
  - Hurt consumers
  - Benefit producers
  - Benefit government
- A tariff lowers the price of a good in the exporting country
  - Hurt producers
  - Benefit consumers





























	ERP with multiple inputs ERP with many inputs			
		A pair of shoes	Leather	Embroider
	Price in free trade (USD)	100	60	10
	Import tariff (%)	20	20	30
	Price with tariff (USD)	120	72	13
A JE H	<ul> <li>Value added of a pair of shoes in free trade: 30 USD</li> <li>Value added of a pair of shoes with tariff: 35 USD</li> <li>Nominal tariff on a pair of shoes is 20%</li> <li>ERP for a pair of shoes: 16.67% = (35-30)/30</li> </ul>			

### Mid-term exam

- Friday Next week (2/11/2018)
- Time: 90 minutes
- Closed book examination
- Structure:
  - 25 MCQs (Multiple choice questions): 50%
  - 2 short essay questions: 50%
- Cover from chapter 1 to chapter 7

