

An Example

Output Per Day of Work			
	T-shirts	Music CDs	Relative Cost
United States	20	10	2:1
Mexico	5	1	5:1

KENT STATE

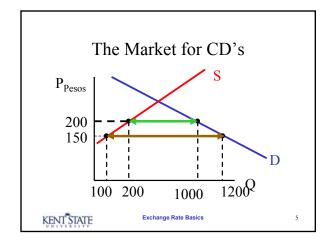
Exchange Rate Basics

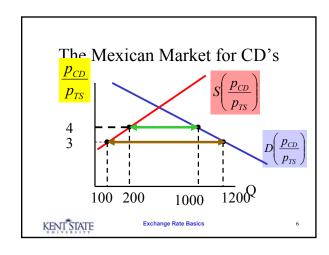
The price of a t-shirt

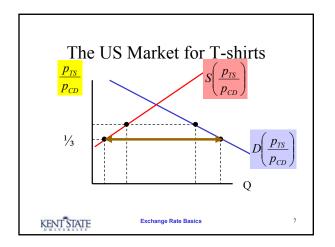
- · With International Trade
 - The price of a Music CD, in terms of a T-shirt, the terms of trade, must be the same in both countries.
 - The price must be between 2 and 5 t-shirts; just what depends on supply and demand
 - We will *assume* (so that we can get on with this example) that the actual price is 3:1.

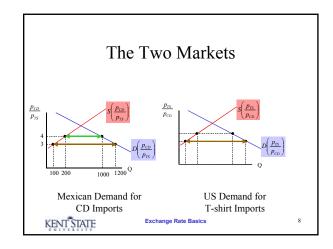
KENT STATE

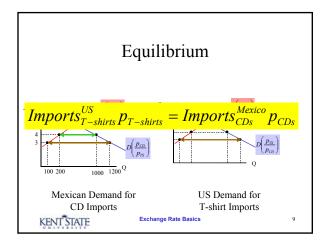
xchange Rate Basics

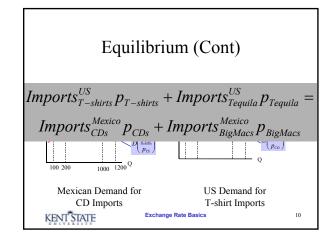


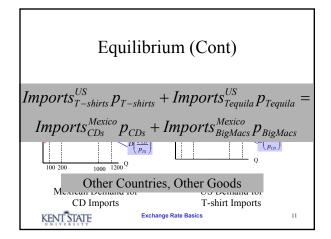


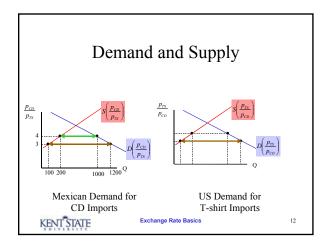


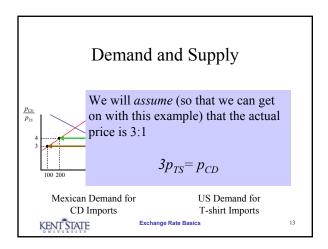












Determining Exchange Rates

- Domestic monetary policies in the US mean that CDs cost \$15 each.
- Domestic monetary policy in Mexico means that T-shirts cost 50 Pesos.

$$3p_{TS} = p_{CD}$$

KENT STATE

Exchange Rate Basics

14

Determining Exchange Rates

- Domestic monetary policies in the US mean that CDs cost \$15 each. (T-shirts = \$5)
- Domestic monetary policy in Mexico means that T-shirts cost 50 Pesos. (CDs = 150P)

$$3p_{TS} = p_{CD}$$

KENT STATE

Exchange Rate Basics

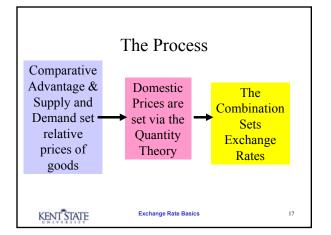
Determining Exchange Rates

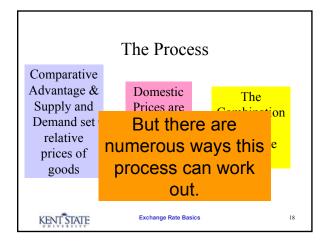
- Domestic monetary policies in the US mean that CDs cost \$15 each. (T-shirts = \$5)
- Domestic monetary policy in Mexico means that T-shirts cost 50 Pesos. (CDs = 150P)

$$3p_{TS} = p_{CD}$$

KENT STATE

Exchange Rate Basics





Four Scenarios

- Floating Exchange Rates
 - Exchange rates are determined by supply and demand

KENT STATE

Exchange Rate Basics

Four Scenarios

- Floating Exchange Rates
- Fixed Exchange Rates
 - The government manages the exchange rate

KENT STATE

Exchange Rate Basics

20

Four Scenarios

- Floating Exchange Rates
- Fixed Exchange Rates
- · Currency Boards
 - A form of fixed exchange rates

KENT STATE

Exchange Rate Basics

Four Scenarios

- Floating Exchange Rates
- Fixed Exchange Rates
- · Currency Boards
- · Monetary Unions
 - Several nations, one currency

KENT STATE

21

Exchange Rate Basics

End

© 2005 Charles W. Upton.
All rights reserved