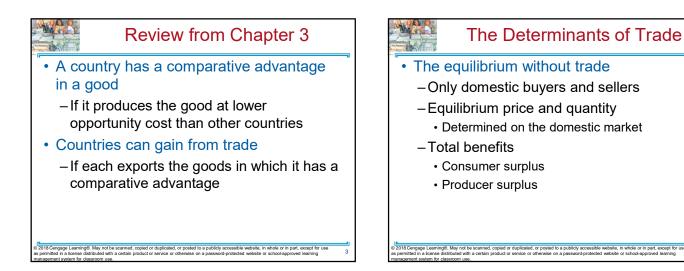


Look for the answers to these questions:

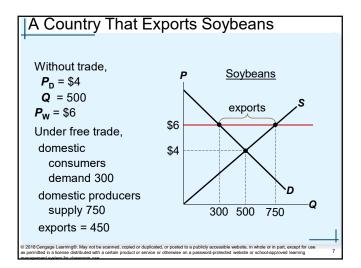
- What determines how much of a good a country will import or export?
- Who benefits from trade? Who does trade harm? Do the gains outweigh the losses?
- If policymakers restrict imports, who benefits? Who is harmed? Do the gains from restricting imports outweigh the losses?
- What are some common arguments for restricting trade? Do they have merit?

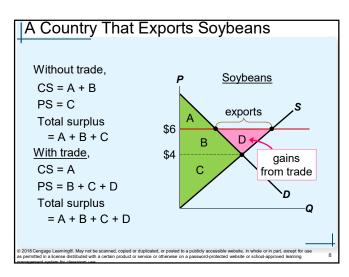
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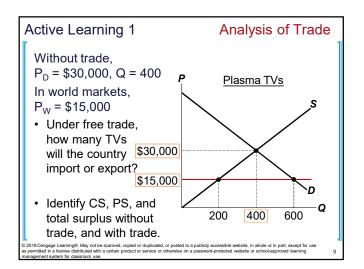


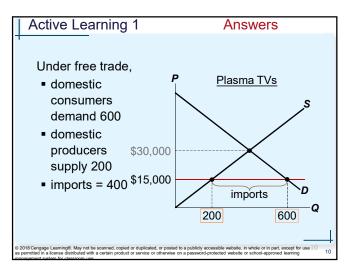


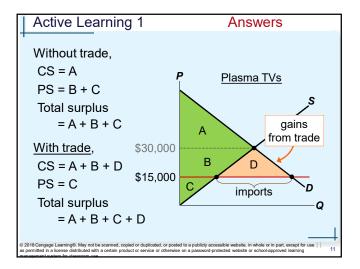
| The Small Economy Assumption |
|---|
| • A small economy (like Taiwan) is a price taker in world markets: |
| –Not always true—especially U.S. & China |
| – Its actions have no effect on P_W |
| When a small economy engages in free trade, P_w is the only relevant price: |
| No seller would accept less than P_w (can sell the good for P_w in world markets) |
| No buyer would pay more than P_w (can buy the good for P_w in world markets) |
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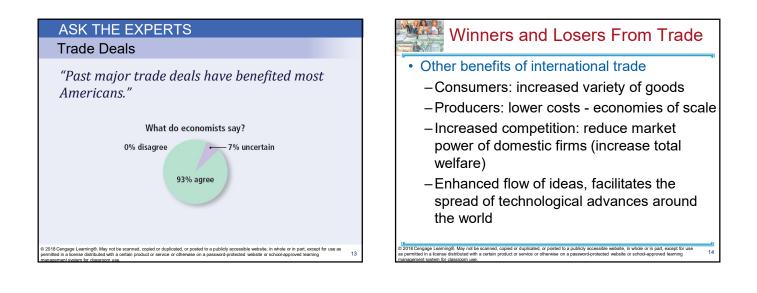


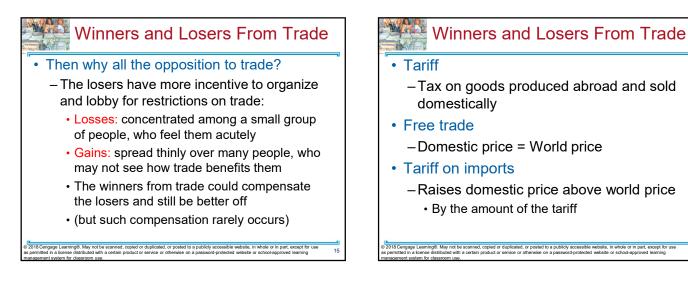


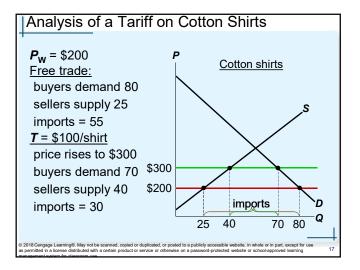


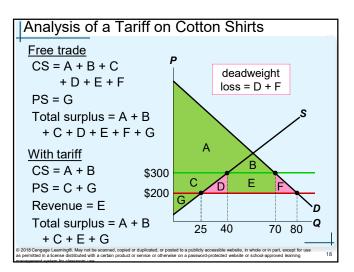


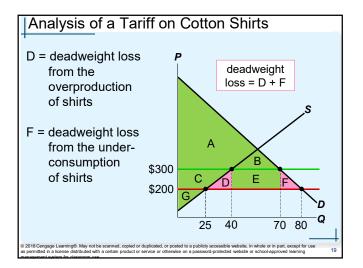
| S | ummary: The W | elfare Eff | ects of Tra | ade | |
|--|--------------------|---|---|-----|--|
| | | <i>P</i> _D < <i>P</i> _W | <i>P</i> _D > <i>P</i> _W | | |
| | direction of trade | exports | imports | | |
| | consumer surplus | falls | rises | | |
| | producer surplus | rises | falls | | |
| | total surplus | rises | rises | | |
| Whether a good is imported or exported, trade creates winners and losers. | | | | | |
| But the gains exceed the losses. | | | | | |









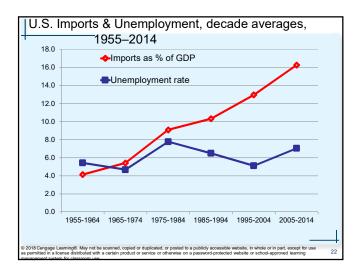




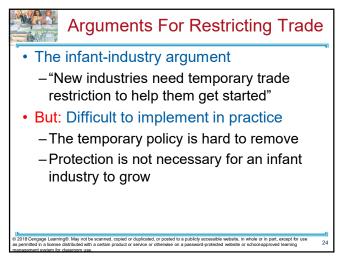


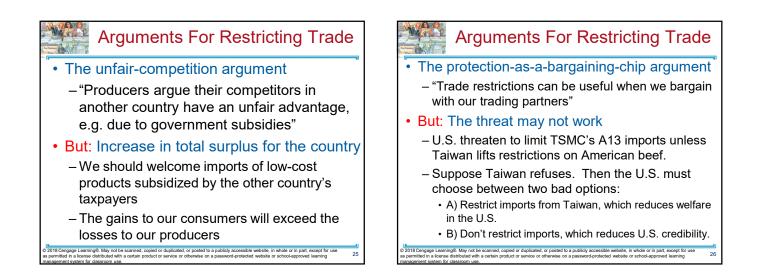
- But: Free trade creates jobs at the same time that it destroys them
 - Total unemployment does not rise as imports rise, because job losses from imports are offset by job gains in export industries....

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- Trade agreements and the WTO
- North American Free Trade Agreement (NAFTA)
 - 1993, lowered trade barriers among the United States, Mexico, and Canada
- General Agreement on Tariffs and Trade (GATT)
 - Continuing series of negotiations among many of the world's countries with the goal of promoting free trade

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Trade agreements and the WTO

• GATT

- United States helped to found GATT
 - After World War II
 - In response to the high tariffs imposed during the Great Depression
- Successfully reduced the average tariff among member countries from about 40% to 5%
- Enforced by the WTO
- 2015: 162 countries; more than 97 % of world trade

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Trade agreements and the WTOAdvantages of the multilateral approach

- Potential to result in freer trade than unilateral approach
 - Reduce trade restrictions abroad and at home
- -Political advantage
 - Producers are fewer and better organized than consumers
 - Greater political influence

Summary

- A country will export a good if the world price of the good is higher than the domestic price without trade. Trade raises producer surplus, reduces consumer surplus, and raises total surplus.
- A country will import a good if the world price is lower than the domestic price without trade. Trade lowers producer surplus but raises consumer and total surplus.
- A tariff benefits producers and generates revenue for the government, but the losses to consumers exceed these gains.

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Summary

- Common arguments for restricting trade include: protecting jobs, defending national security, helping infant industries, preventing unfair competition, and responding to foreign trade restrictions.
- Some of these arguments have merit in some cases, but economists believe free trade is usually the better policy.

Chapter 9: International Trade

- Imports benefit consumers
- Exports benefit producers
- Trade benefit the entire economy
 Should Taiwan sign FTA or ECFA with other

International Trade

Homework:

countries?

Mankiw, Ch.9, Problem 3, 4, 7-10

Chapter 9: International Trade

- > 2007 Essay Q5
- > 2008 (Multi-Choice Q9-Q11, Q15)
- > 2009 Essay B
- > 2010 (True/False Q2, Q9)
- > 2012 Essay A7-A9 (True/False Q9)
- > 2013 Essay III (True/False Q3)
- ▶ 2014 Essay C-2
- 2015 Essay C
- > 2018 Essay B1-B5