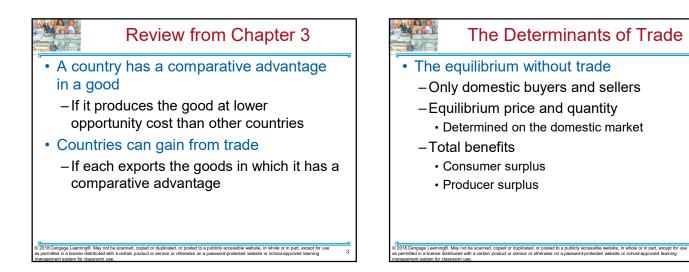


Look for the answers to these questions:

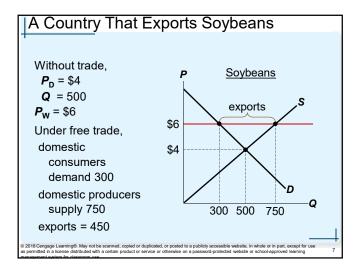
- What determines how much of a good a country will import or export?
- Who benefits from trade? Who does trade harm? Do the gains outweigh the losses?
- If policymakers restrict imports, who benefits? Who is harmed? Do the gains from restricting imports outweigh the losses?
- What are some common arguments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

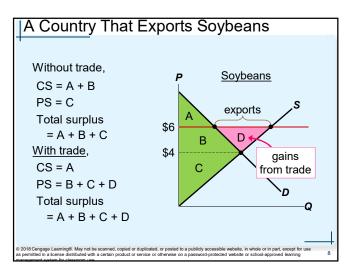
2018 Cengage Learning®. May not be scanned, copied or duplicated, or posted to a publicly accessible website, in whole or in part, except for use s permitted in a license distributed with a certain product or service or otherwise on a password-protected website or school-approved learning

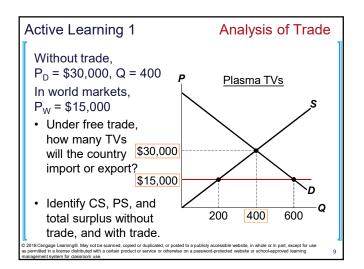


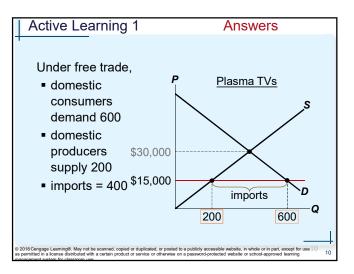


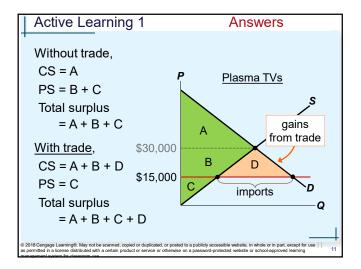




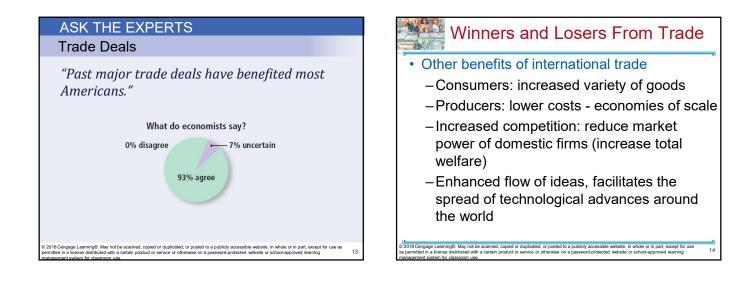


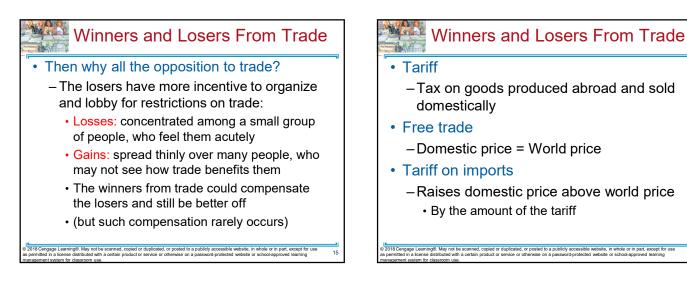


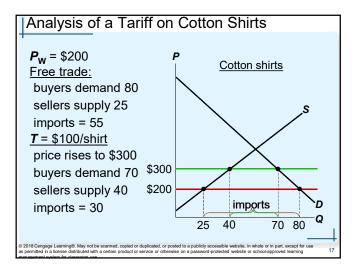


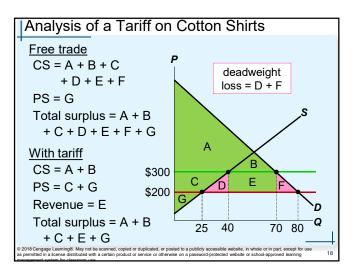


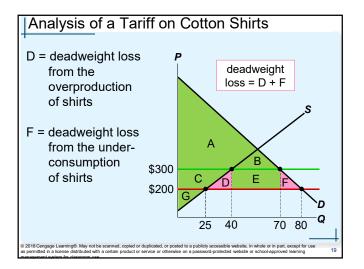
Summary: The Welfare Effects of Trade				
		<i>P</i> _D < <i>P</i> _W	<i>P</i> _D > <i>P</i> _W	
	direction of trade	exports	imports	
	consumer surplus	falls	rises	
	producer surplus	rises	falls	
	total surplus	rises	rises	
Whether a good is imported or exported, trade creates winners and losers.				
But the gains exceed the losses. 2016 Cengage Learning®. May not be scanned, copied or duplicated, or posted to a publicly accessible websile, in whole or in part, except for use 2 12				

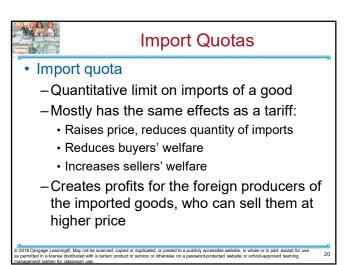








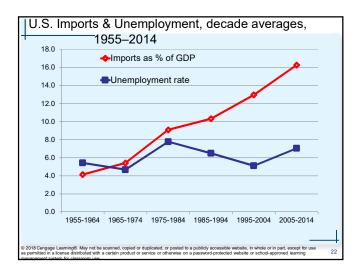






- But: Free trade creates jobs at the same time that it destroys them
 - Total unemployment does not rise as imports rise, because job losses from imports are offset by job gains in export industries....

not be scanned, copied or duplicated, or posted to a publicly accessible website, in whole or in part, ep ad with a certain product or service or otherwise on a password-protected website or school-approved in







Arguments For Restricting Trade Arguments For Restricting Trade The protection-as-a-bargaining-chip argument The unfair-competition argument - "Trade restrictions can be useful when we bargain - "Producers argue their competitors in with our trading partners" another country have an unfair advantage, But: The threat may not work e.g. due to government subsidies" - U.S. threaten to limit TSMC's A12 imports unless But: Increase in total surplus for the country Taiwan lifts restrictions on American beef. -We should welcome imports of low-cost Suppose Taiwan refuses. Then the U.S. must products subsidized by the other country's choose between two bad options: taxpayers · A) Restrict imports from Taiwan, which reduces welfare - The gains to our consumers will exceed the in the U.S. • B) Don't restrict imports, which reduces U.S. credibility. losses to our producers ing@. May not be scanned, copied or duplicated, or posted to a publicly accessible website, in whole or in part, except for use distributed with a certain product or service or otherwise on a password-protected website or school-approved learning ng@. May not be scanned, copied or duplicated, or posted to a publicly accessible website, in whole or in part, except for us distributed with a certain product or service or otherwise on a password-protected website or school-approved learning



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

engage Learning®. May not be scanned, copied or duplicated, or posted to a publicly accessible website, in whole or in part, except for use as in a license distributed with a certain product or service or otherwise on a password-protected website or school-approved learning

Trade agreements and the WTO

• GATT

- United States helped to found GATT
 After World War II
 - 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

018 Cengage Learning®. May not be scanned, copied or duplicated, or posted to a publicly accessible website, in whole or in part, except for use as mitted in a license distinctured with a certain product or service or otherwise on a password-protected website or school-approved learning

Trade agreements and the WTO Advantages 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.

018 Cengage Learning®. May not be scanned, copied or duplicated, or posted to a publicly accessible website, in whole or in part, except for use permitted in a license distributed with a certain product or service or otherwise on a password-protected website or school-approved learning

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 <u>Trade</u>

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

International Trade

Homework:

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)

International Trade

- > 2013 Essay III (True/False Q3)
- ▶ 2014 Essay C-2
- ▶ 2015 Essay C