

### **Professional Development**

### **Winter Institute**

Microeconomic Foundations: A Teacher's Guide



Presented by: Susanna Pierce McConnell

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Date: January 22, 2024



### About Me



# Susanna McConnell



### AP Microeconomics Teacher, Curriculum Consultant, Master Teacher

Susanna Pierce McConnell is a curriculum consultant, Master teacher for the Council of Economics Education, on the Teacher Advisory Board at Marginal Revolution and an AP Economics at Westlake High School. She strives to make teaching and learning meaningful for teachers and students. In her past 16 years in education, she has taught social studies in the US and abroad, participated in Harvard's Globalizing the Classroom Fellowship, and has traveled with US teachers to schools in Japan and South Africa on two remarkable Study Tours. Susanna founded the Teacher Innovation Academy on her high school campus where she facilitated PD for 6 years for 30 educators who strive to share best practices through innovation. Susanna earned degrees in Spanish and International Economics and her Master of Arts in Teaching from Trinity University in San Antonio. Her greatest joys are finding the many connections of economics to the real world, traveling, speaking Spanish, and spending time with her family.

# Agenda (CST)



8:00: Welcome, Updates, Norms

8:05: Participant Insights

8:10: Student Challenges + Solutions

Principles of Demand and Supply

8:50: Mini Break (5 mins)

8:55: Student Challenges + Solutions

Market Structures

9:25: Wrap Up and Reflection





# Session 1: Demand and Supply

# Objectives



- Participants will:
  - Deepen their grasp of microeconomics principles, encompassing demand, supply, and market equilibrium.
  - Engage with interactive exercises to enhance their aptitude in conveying microeconomic concepts.
  - Introduce real-world examples to render microeconomics relatable and captivating for teachers.
  - reflect on the implementation into their own classroom.



### **National Standards**

- Standard 7: Markets and Prices: A market exists when buyers and sellers interact. This interaction determines market prices and thereby allocates scarce goods and services.
- **Standard 8: Role of Prices**: Prices send signals and provide incentives to buyers and sellers. When supply or demand changes, market prices adjust, affecting incentives.



What city are you in, years of experience, and a difficult concept when teaching supply and demand?

Susanna: Austin, 16, moving along curve

Let's Connect: SEL

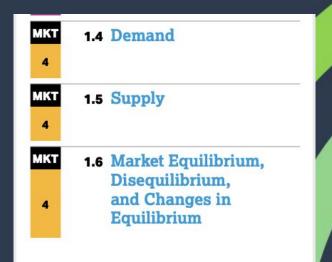


Add your response in the Chat box!









#### **Unit 2: Microeconomics**

- 2.1 Demand (includes HL only sub-topics)
- 2.2 Supply (includes HL only sub-topics)
- 2.3 Competitive market equilibrium

# What causes market fluctuations?

Demand, the Law of Demand, and Non-Price Determinants, Supply, the Law of Supply, Market Equilibrium

## Calendar of Markets in AP Micro



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
February 5	February 6	February 7	February 8	February 9
Unit 2 Video Notes	Demand (2.1)	MRU Review Supply (2.2)	Market Equilibrium + Disequilibrium (2.6 + 2.7) MRU Review	Double Shifts  HW: NO HW
HW: Unit 2 Video Notes, due	HW:	HW:	HW:	



Challenges	Solutions
<ul><li>1. Pre-existing Knowledge of "Demand"</li><li>Shifting vs. Movement Along</li></ul>	Teaching Model MRU: Video, MRU Interactive
2. Shifters of Demand vs. Supply	Teaching Model: MRU: Demand or Supply? MRU: Demand, MRU: Supply
3. Market Outcomes with Single and Double Shifts	Teaching Model  MRU: Double Shift, MRU: Eq.
4. Engagement: Real World	Current Events: Messi Effect, Taylor Swift

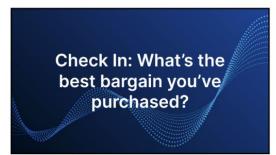


# (CEE Problem #1: Demand vs. Quantity

Demanded

# Lecture: Demand vs. Quantity Demanded CEE

### September 13, 2022 Check In: Best Sale? Review: Video - Auction Notes: Demand vs. Quantity Demanded Practice: Dry Erase Practice Problems, Day 1 (Demand) HW: Unit 2 Summary Video, due Thursday @11:59











curve from 1 point to another.

The law of demand

Price change

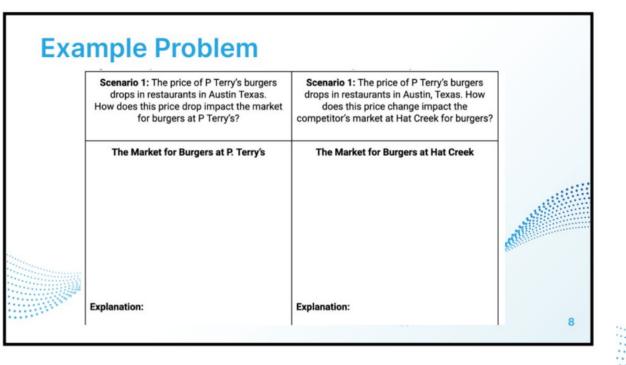
curve to the right or left.

Consumer behavior

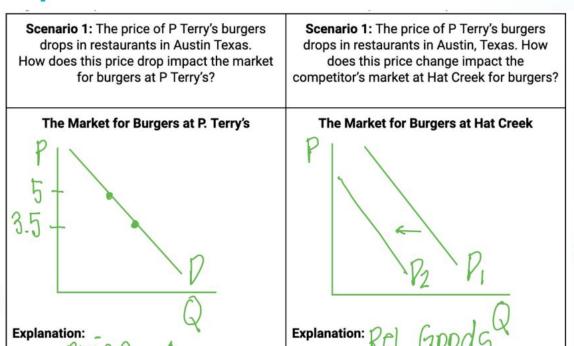
changes

o TRIPE

# Live Notes: Demand vs. Quantity Demanded EE



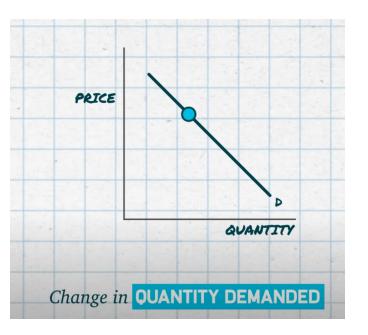
### **Example Problem**



# Video: Demand vs. Quantity Demanded



- 1. What causes a change in the quantity demanded?
- What causes a shift of demand?

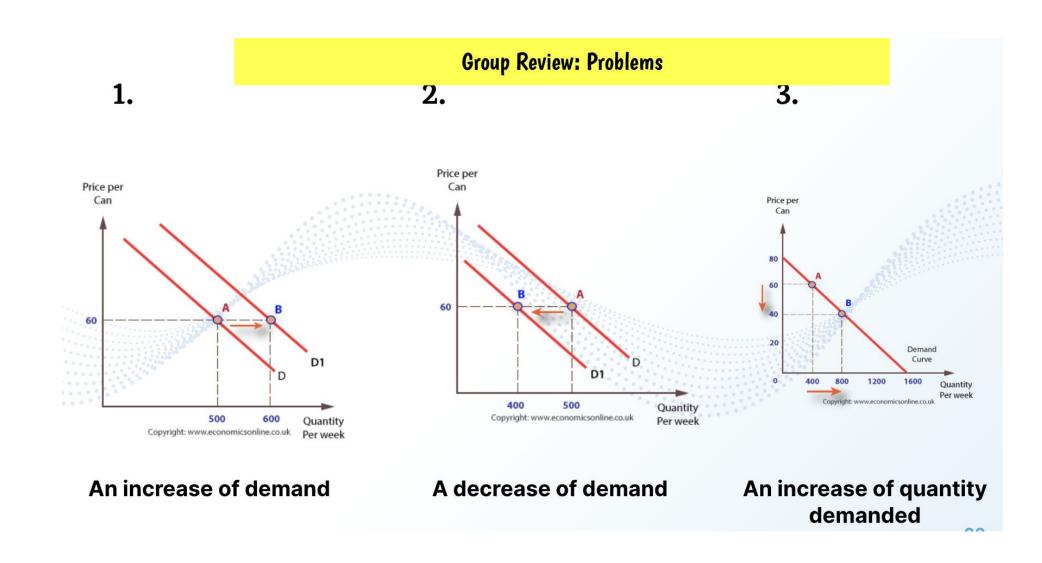






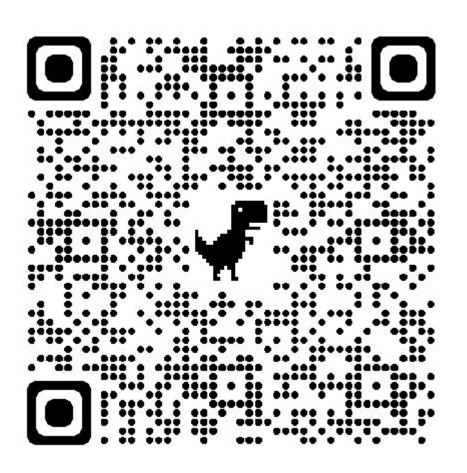






# Independent Practice: MRU Interactive (CEE







- Interactive Practice
  - Download the JPG of your problems.



- Complete the demand problems.
- Start your video notes.



# Problem #2: Demand or Supply?

### Lecture: Acronym: Demand



- <u>Trends or Tastes</u>
- Related Goods' Prices
- <u>I</u>ncome
- <u>B</u>uyers (# of buyers)
- <u>Expectations</u>



These factors change consumer behavior to demand more or less at ALL prices.

# Live Notes: RUDE - Solving for Eq.



# Market Model Overview: Steps

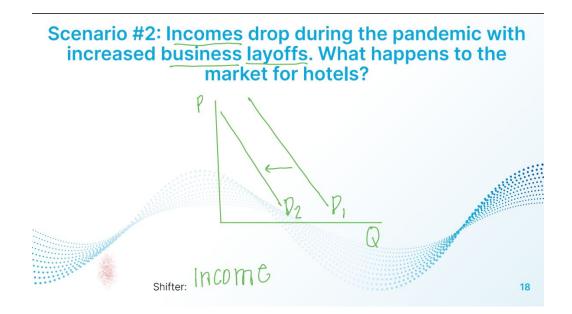
- 1. Read the scenario.
- 2. Underline the external factor that's changing ceteris paribus.
- 3. Decide if the demand curve (TRIBE) or supply curve (SPICE) shifts. Draw the impact.
- 4. Examine the impacts.





# Read the problem. Underline the shifter. Draw the impact. Explain the effect on P and Q.

Incomes drop during the pandemic with increased business layoffs. What happens to the market for hotels?



## Lecture: Acronym for Supply



- <u>S</u>ellers
- <u>P</u>roductivity
- <u>Input costs</u>
- <u>Cash to/from Government (taxes/subsidies)</u>
- <u>E</u>xpectations

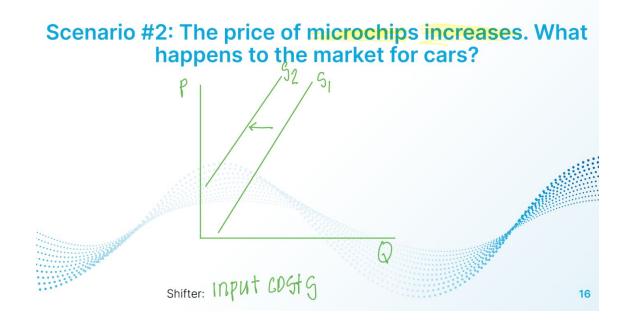
These factors change producer behavior to supply more or less at ALL prices.





# Read the problem. Underline the shifter. Draw the impact. Explain the effect on P and Q.

The price of microchips increases. What happens to the market for cars?



## Teaching: Group Practice



# September 13, 2023 Announcements Review: Demand and Supply Shifters Group Specialize (10 mins) Guided Notes: Market Equilibrium Practice Problems Ouestion: What's an item you have bought on sale before? HW: Edpuzzle (9/14) + Video Notes (9/18) Unit 2: Market Equilibrium Practice Problems (2.6+2.7)

	abel every axis and curve.
D SHIFTERS: . There is a drought across the US. Wha	SUPPLY SHIFTERS:
raph:	it happens to the market for com
Component:	
	P 0
2. There is an increase in births in the USGap?	S. What happens to the market for Baby
Graph:	
Component:	

# Review: What are the non-price shifters of D and S? Demand: Supply: Sellers Related Goods Productivity Income Input Costs Buyers Cash Changes Expectations Expectations

Review: Get 2 Boards		
Lt. Blue: D1 + S1	2 . 27 . 20	
Dark Blue: D2 + S2	Purple: D7 + D8  Tall: D/S decrease	
Green: D3 + S3	Yellow 8: D/S increase	
Grey: D4 + S4	Roles: #1: Write the problem/answer #1.	
Mixed: D5 + S5	#2: Write the problem/answer #2. #3: Explain #1. #4 Explain #2.	

#### Unit 2: Market Equilibrium Practice Problems (2.6 + 2.7)

3. Tesla now adds more robots into their car production. What happens to the market for Tesla cars?

Graph:	
Component:	

4. There is an increase in the cost of coffee beans. What happens to the market for coffee in restaurants and cafes?

Graph:		
Component:		
component:		
	P	0

# Independent Practice: MRU Interactive (CEE





### **Rest of Class**



- 1. Complete the MRU Interactive.
  - a. Add a photo with your name must be over 70%
- 2. Finish the Market Equilibrium problems (double shifts).
- 3. Upload your Market Equilibrium problems to Google Classroom.







### Unit 2: Market Equilibrium + Changes (2.6 + 2.7): How do you show the impact of market forces?

Market Equilib	orium occurs where is =	with an equilibrium and
Α	results in the market when	is > than
Α	results in the market when	is <than< td=""></than<>

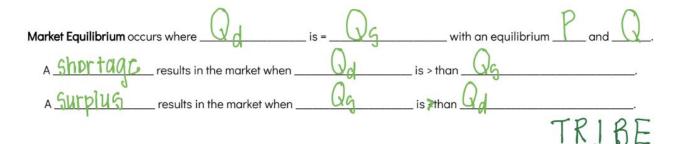
Market Equilibrium	An Increase in Demand on the Market
	Scenario: Michael Jordan advertises his new Nike Airs.
	Component:



# Live Notes: Market Equilibrium



### Unit 2: Market Equilibrium + Changes (2.6 + 2.7): How do you show the impact of market forces?

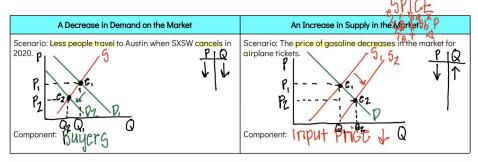


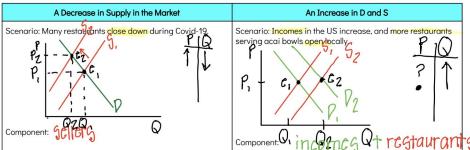
Market Equilibrium	An Increase in Demand on the	Market
P. Surplus S P. Shortage	mponent: +rendG2	new Nike Airs.



# Live Notes: Double Shifts + Summary







### **Double Shifts Summary**

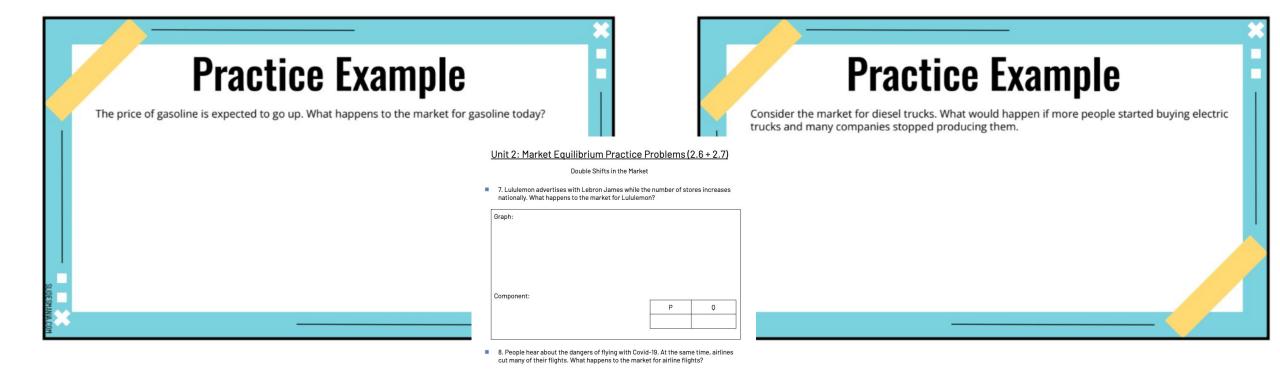
If	Then
Demand and Supply Increase	Price ? Quantity 1
Demand and Supply Decrease	Price ? Quantity ↓
Demand Increases and Supply Decrease	Price † Quantity ?
Demand Decreases and Supply Increases	Price ↓ Quantity ?

SCIDESTIANIA.CUT

# Teaching: Group Practice

Component:





# Independent Practice: MRU Interactive (CEE





Shifts in Both Supply and Demand Curves Interactive Practice





# Problem #4: Engagement

### **Engagement #1: Messi Effect**



















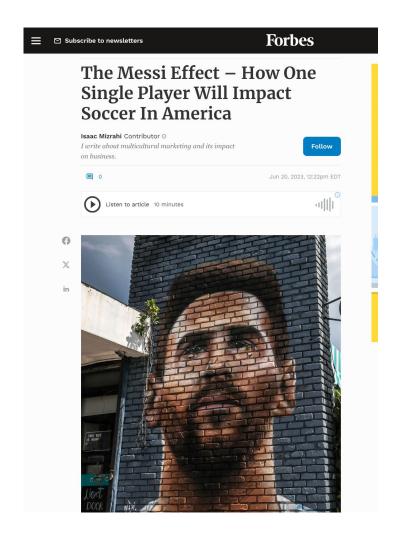
The profile of Inter Miami - and the league itself - have been boosted by the Argentinian's arrival. But it's led to an increase in prices for some



⚠ Some Inter Miami season ticket prices will double next season. Photograph: Sam Navarro/USA Today Sports

It's difficult to overstate the impact Lionel Messi has had on Inter Miami and MLS since he joined the club in July. But there are some concerning signs underneath the veneer of Messi Mania.

"Soccer in North America will never be the same," Camilo Durana, the executive vice-president of Apple partnership, properties and events at MLS, told Forbes in June, days after the announcement that Messi was moving to the league.



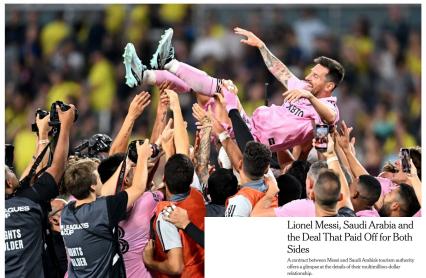
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SUCCESS · LIONEL MESSI

### Lionel Messi is bringing an absolutely enormous pile of money into American soccer and MLS





Messi is having a whale of a time in Miami.
CHANDAN KHANNA—AFP/GETTY IMAGES

### Real World #2: Messi Current Event



### **Engagement #2: T. Swift Effect**



### **Market Systems: Add Original Photos**

#### Trend

It's becoming a trend to like Taylor Swift: a lot of people consider it to be a mark of good taste to like her music and be a "swiftie" so there is more demand for it.



### **Related Prices**

The prices of hotels are increasing which is a compliment to Taylor concerts and thus might decrease demand for

#### **Sellers**

Every year, Taylor offers more concerts so she is increasing her selling of tickets and thus increasing the supply of them.

### **Input costs**

The internal cost of renting venues to have TSwift concerts could increase and cause a decrease in supply of the conderts.

### Buyers, **Expectations**

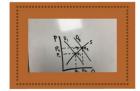
While the amount of people who attend TSwift concerts increase, the sellers expect a surge in prices. This causes an increase in demand but a decrease in supply as sellers hold out, meaning that the equilibrium price would increase while the





#### **Increase of Demand**

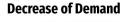
Price INCREASES **Quantity INCREASES** 





### **Increase of Supply**

Price DECREASES Quantity INCREASES



Price DECREASES Quantity DECREASES





#### **Decrease of Supply**

Price INCREASES Quantity DECREASES



## **Engagement #3:** MRU Lesson Plan





### **Free Econ Class Content**

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Email (Professional/Scho	ol Recommended)
First Name	Last Name
School Name	
Which best describes you	ur primary professional role?











What questions do you have?



Questions from the Audience





# Session 2: Market Structures

# Objectives



- Participants will:
  - examine different market structures, their characteristics, and the implications of price and output decisions.
  - Engage with interactive exercises to enhance their aptitude in conveying microeconomic concepts.
  - Introduce real-world examples to render microeconomics relatable and captivating for teachers.
  - reflect on the implementation into their own classroom.



### **National Standards**

### Standard 9: Competition and Market Structure:

- Competition among sellers usually lowers costs and prices, and encourages producers to produce what
- consumers are willing and able to buy. Competition among buyers increases prices and allocates goods
- and services to those people who are willing and able to pay the most for them



What's your name, favorite restaurant, and a difficult concept when teaching market structures?

Let's Connect: SEL



Add your response in the Chat box!





# **Perfect Competition**

4.2 Monopoly

4.3 Price Discrimination

4.4 Monopolistic Competition

4.5 Oligopoly and Game Theory

2.11 Market failure—market power

# The Theory of the Firm

Market Structures: Perfect Competition,

Monopolistic Competition, Oligopoly,

Monopoly

# Calendar of Theory of the Firm in AP Micro



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
April 1	April 2	April 3	April 4	April 5
PC in the SR - 3.7	PC in the LR - 3.7	Unit 4a FRQs	Monopoly in the SR - 4.2	Monopoly in the LR Comparison of PC to Monopoly Review - 3.7 + 4.1 + 4.2
HW: U4 VNs, 4/11	HW: U4 VNs, 4/11	HW: U4 VNs, 4/11	HW: Unit 4 VNs, 4/11	HW: U4 VN, 4/11
April 8	April 9	April 10	April 11	April 12
Price Discrimination - 4.3	Monopolistically Competitive - 4.4	Oligopoly + Game Theory - 4.5	Unit 4 Quiz Game Theory Problems + Edpuzzle - 4.5	Comparing 4 Firms Unit 4 FRQs (4.2-4.5)
HW: NO HW	HW: U4 VN, 4/11	HW: U4 VN, 4/11	HW:	HW:
April 15	April 16 - STAAR	April 17	April 18	April 19
Review/Albertio		UNIT 4 EXAM		
HW: Review	HW: Study for Exam	HW: None	HW: Topic Selection	HW: Research



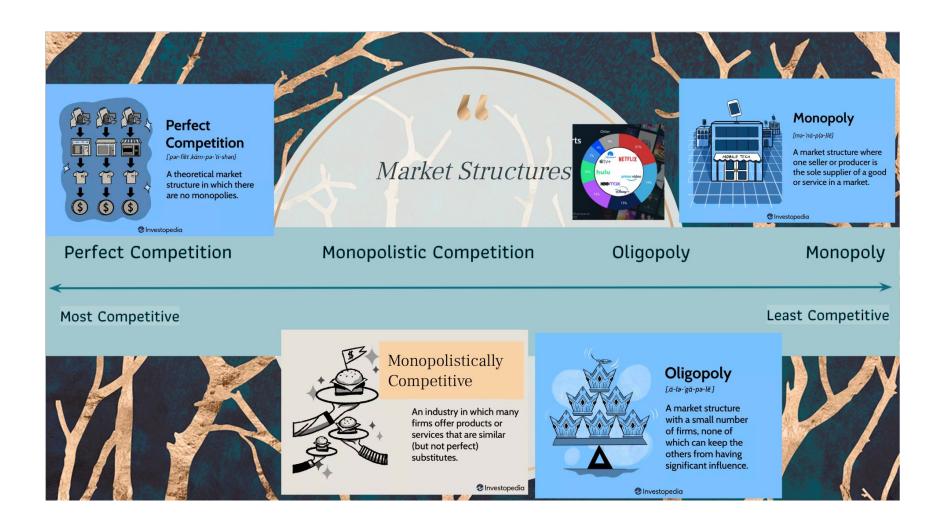
## What challenges do students face?

Challenges	Solutions
1. Overall Classifications	Preview + Spectrum
2. Specific Characteristics of Each	Acronyms + Graphic Organizer
3. Graphs: Interpreting and Drawing	Digital Assessments
4. Engagement	Current Events + Projects



# Problem #1: Overall Classifications

# Lecture: Overview of the Theory of the FirmCEE



# Student Practice: Preview to Market Structure E

Make a copy of this document, and share it with your group.

### **Group Member Names:**

A. **Review:** What are the 4 types of <u>firm structures</u>? Have each group member add info on one.

Firm Structure	Characteristics	Pros and Cons
Monopoly		Pros: Cons:
Oligopoly		Pros: Cons:
Monopolistically Competitive		Pros: Cons:
Perfect Competition		Pros: Cons:



# Problem #2: Specific

Characteristics

# Lecture: Perfect Competition





- Many sellers
- Perfect Information
- No barriers to entry
  - Free entry and exit
- Identical products
- Price "takers"
  - No power over price

Phrase to Remember: Many Perfect Novels Involve Parody.



Milk





Use phrases and

pictures.

### Lecture: Monopoly



## What are the characteristics of a Monopoly Firm?

THESE 2 COMPANIES CONTROL MOST OF THE SUNGLASSES BOUGHT IN THE US



- One Seller
- No close substitutes
- High Barriers to entry
  - prevents firms from entering the market
- Price Maker

One, non-competitive has power in the market.

Use phrases and pictures.

SI IDESMANIA.CON

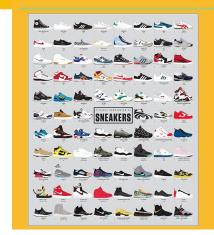
# Lecture: Monopolistic Competition



# What are the characteristics of a Monopolistically Competitive Firm?

Use phrases and pictures.

- Relatively large number of firms
- Easy entry and exit
  - · Few barriers to entry
- Advertising
- Differentiated products





product is distinguished by design, service, quality, location (non-price)

# Lecture: Oligopoly



### What are the characteristics of an Oligopoly?

- Few, large producers
  - Concentration ratio- four-firm concentration 40%
- Differentiated or standardized product
- High barriers
- Mutual Interdependence among competitors
  - · Actions of one firm affect others

Use phrases and pictures.





few distinct sellers

have market control





# **Small Groups and Live Notes**



### Unit 4: The Comparison of All Market Structures

Category	Perfectly Competitive	Monopoly	Monopolistically Competitive	Oligopoly
# of Firms				
Example Industry				
Type of Product				
Barriers to Entry				
Market Power				
Type of Demand				
Profit Maximization Rule				
Formula for Profit + Formula for Loss				
0 Economic Profit Formula				
Profit in the SR? Profit in the LR?				
Shut down Rule				
Allocative Efficiency (P =MC)				
Productive Eff. (P = min. ATC)				



Unit 4: The Comparison of All Market Structures

Category	Perfectly Competitive			Oligopoly	
# of Firms	Many; 100s	1	10-100	2-7	
Example Industry	agriculture	Amazon; De Beers	restaurants	Soft drinks; CANADA syrup	
Type of Product	identical	Unique and only	differentiated	Differentiated or standardized	
Barriers to Entry	none	high	low	high	
Market Power	None; price taker	All; price maker	Some; price maker	a lot; price maker	
Type of Demand	Perfectly elastic MR = D = AR = P	more and the second sec		Inelastic D = AR = P MR < D	
Profit Maximization Rule	MR = MC Mr. McCECON	MR = MC Mr. McECON	MR = MC Mr. McECON	MR = MC Mr. McECON	
Formula for Profit + Formula for Loss	P > ATC P < ATC	P > ATC P < ATC	P > ATC P < ATC	P > ATC P < ATC	
Zero Economic Profit Formula	P = ATC	P = ATC	P = ATC	P = ATC	
Profit in the SR? Profit in the LR?	yes No; no barriers	Yes Yes; high barriers	Yes No; low barriers	Yes Yes; high barriers	
Shut down Rule	P < AVC	P < AVC	P < AVC	P < AVC	
Allocative Efficiency (P =MC)	In the SR + LR	never	never	never	
Productive Eff. (P = min. ATC)	In the LR	never	never	never	

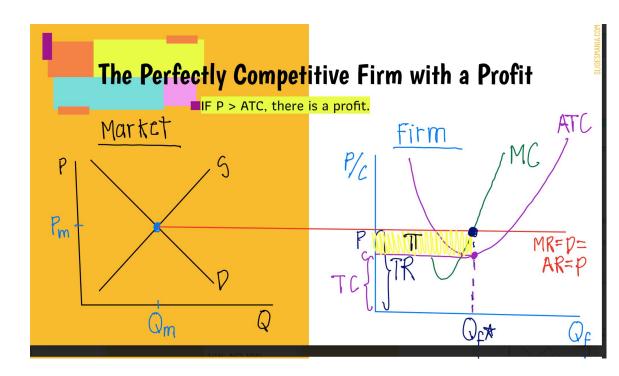


# Problem #3: Graphs

# Lecture: Guided Notes + Live Graphing (C

$$MR = D = AR = P$$



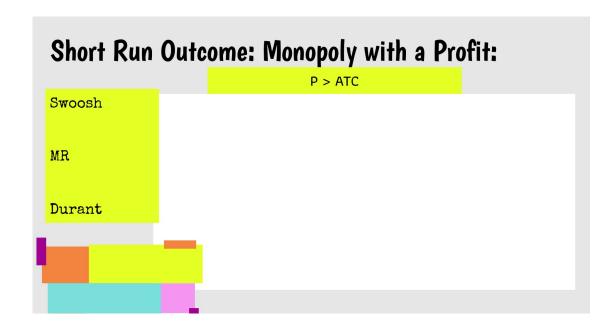


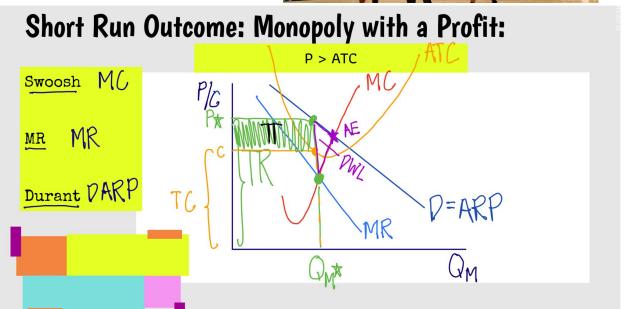
# Lecture: Guided Notes + Live Graphing ((CEE



### Swoosh, Mr. Durant



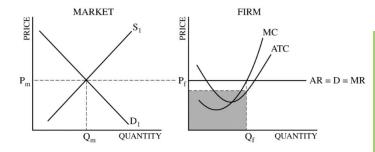




### Teaching: Group Practice



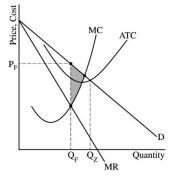
PC Firm in the Short Run - Mini FRQ Warm Up - Practice FRQ



- 1. Identify an industry that might have this type of a market structure, given its characteristics
- 2. Is the firm maximizing profit at Qf? How do you know this?
- 3. If the firm produces Qf, is there a profit, loss, or zero economic profit? Explain.
- 4. Identify what the shaded box represents for this firm.
- Explain when this firm would choose to shut-down and why. Add this point onto the firm's cost structure.

Have students interpret graphs before drawing them.

A. Diagram Analysis: Use the diagram below to answer the questions.



- Explain the type of firm that is shown above, and give an example in the real world.
- Is this firm maximizing profit by producing Of? Explain.

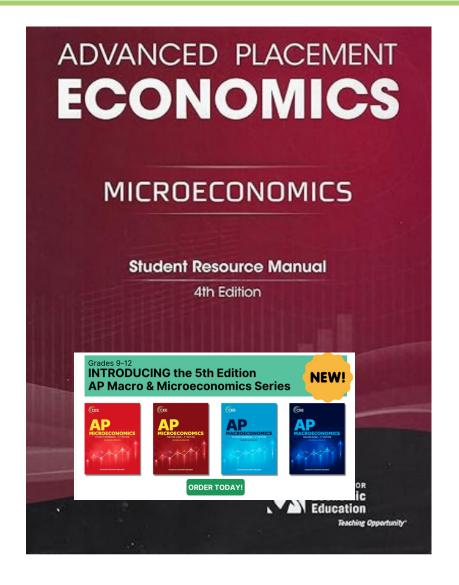
- 3. If this were a perfectly competitive firm, where would the firm produce? How does this compare to this firm structure?
- 4. Is this firm earning a profit, loss, or zero economic profit? Explain.
- Label the Total Revenue in the diagram as TR, the Total Cost as TC, and if relevant, the remaining box as profit or loss.
- 6. What is the shaded triangle, and why does this firm structure have it?

B. Practice: Draw a Monopoly with a profit or loss. Label the profit maximizing quantity as Qf, the price as Pf, and shade the profit or loss. Remember to include the D, AR, MC, and ATC.

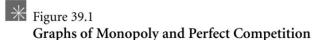
Monopoly with a Profit	Monopoly with a Loss

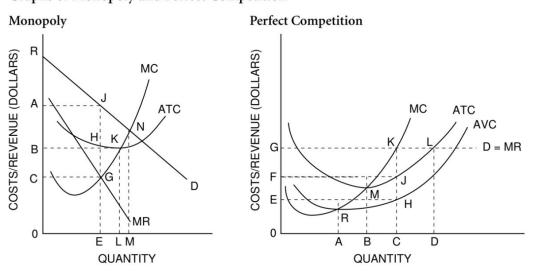
### Teaching: Group Practice





### A Quick Review of Perfect Competition and Monopoly



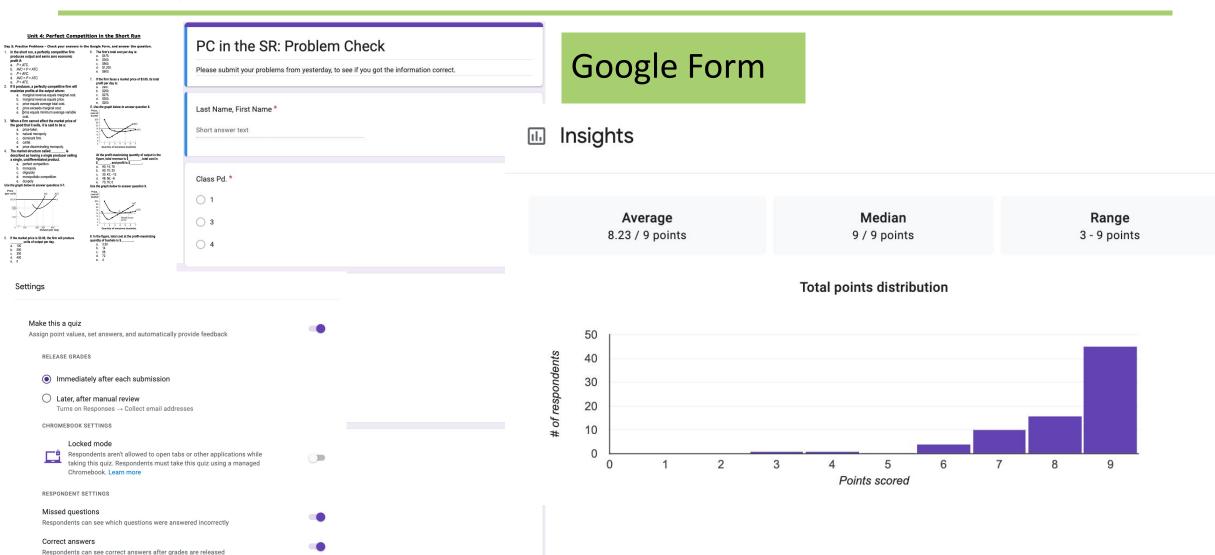


These questions are based on Figure 39.1. Underline the correct answer. Assume that the monopoly can set only one price. Both the monopoly and the perfect competitor seek to maximize profits.

- 1. A monopoly firm will maximize profits at what price?
  - (A) 0A
- (B) 0B
- (C) 0C
- (D) 0R
- 2. Economic profits for the monopoly firm are represented by the area of which rectangle?
  - (A) 0CGE
- (B) OAJE
- (C) AJHB
- (D) BAJN
- 3. Total costs for the monopoly firm are represented by the area of which rectangle?

/// DITE (D) CODO (C) ITEO (D) DITE

# Independent Practice: Informal Assessment E



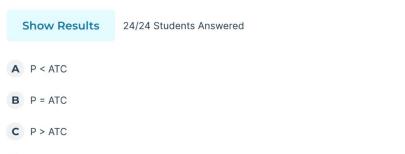
Respondents can see total points and points received for each question

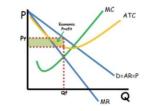
# Independent Practice: Informal Assessment E

### **Socrative**

7. For this outcome to exist, a monopolist must have

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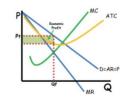
7. For this outcome to exist, a monopolist must have

•••••	<b>∨</b> 82%	~	~	×	~
•••••	<b>∨</b> 82%	~	~	~	~
•••••	<b>~</b> 73%	~	~	×	~
•••••	82%	~	~	×	~

D P > AVC

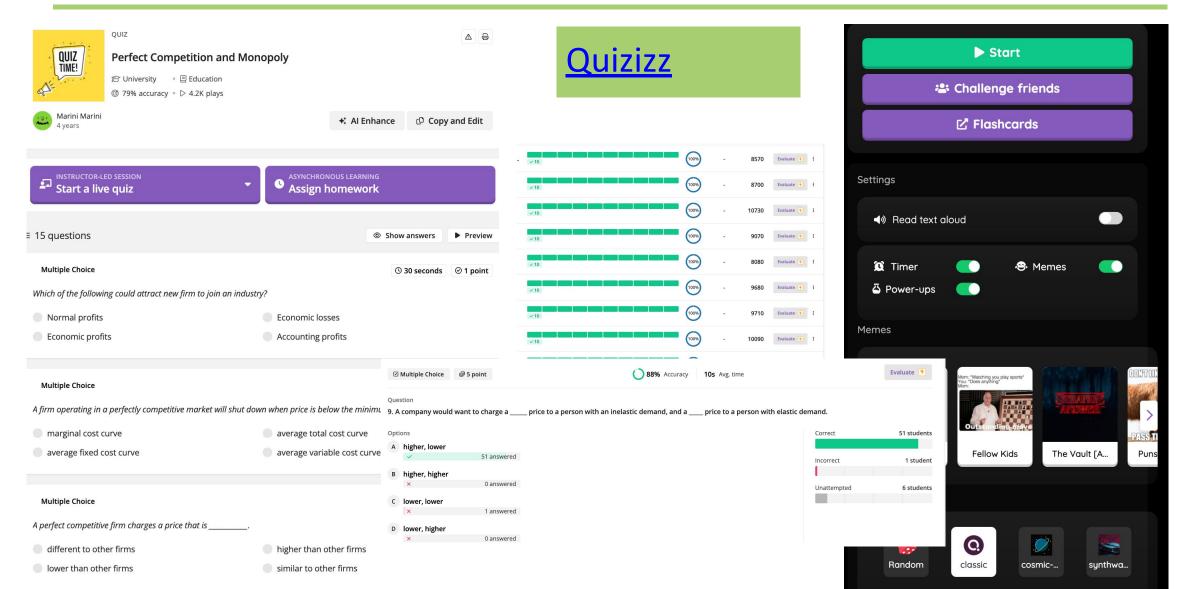
E P = MC

, I	Н	ide Results	24/24 Students Answered	
	Α	P < ATC		4%
	В	P = ATC		0%
Q.	c	P > ATC		79%
	D	P > AVC		13%
	E	P = MC		4%



# Independent Practice: Quizizz







# Problem #4: Engagement

# **Engagement: Monopoly**





What are some interesting statistics you heard?

What pieces of information explain the market structure of Luxottica?

# **Engagement: Product Differentiation**





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ls Res

Resources P

Procedure

**Group Activity** 

Extension



#### Objective

Students will be able to

- · Define product differentiaion and identify real world examples.
- · Design and adversite their own product to peers.

#### Standards

National Standards in Economics State Standards Common Core State Standards

#### Concepts

Advertising, Market Structures, Monopolistic Competition



#### **Professional Development Webinar**



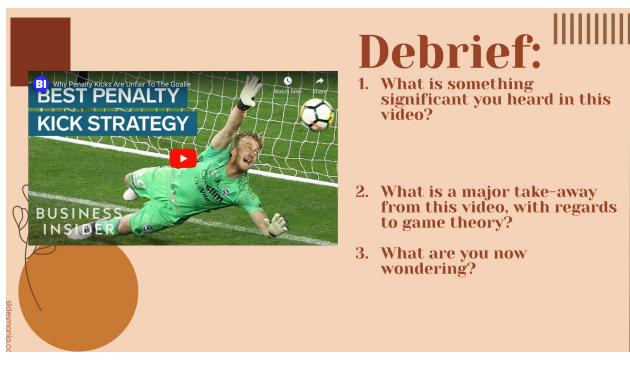
Bring Product Differentiation to Life with Creativity

On-Demand Webinar Time: 60

### **Engagement: Game Theory**







# **Engagement: Discussion Prep**



#### Unit 4 Discussion Preparation: In the Real World

A. Background: Choose 1 article and 1 podcast connected to this unit. Then, use this document to help prepare you for our in person discussion.

Articles on Game Theory	Podcast/Video
538: Football: When to Go for 2 Advanced Football: Run/Pass Britannica: Arms Race Frontier Economics: GT in Poker Fansided: Basketball 3 Pointer The Conversation: GT in Penalty Kicks	NPR: The Case Against Facebook NPR: Printers Are the Worst NPR: Stadiums and Captive Audiences NPR: Big Tech AntiTrust NPR: Antitrust Standard Oil NPR: Apple NPR: Google NPR: The Science of Hoops NPR: The Prisoner's Dil and Arms Race Why Barnes & Noble Is Copying Local How Warby Parker Disrupted Then A YouTube: Amazon vs. Walmart How Home Depot Became the World's

#### Article Chose

Article Chos	en:							
Important t	Important findings/data/details I read that made me curious:							

#### Podcast Chosen:

Important findings/data/details I heard that made me curious:							

#### Unit 4 Discussion Preparation: In the Real World

- B. Reflection: Respond to the following question in 2-3 sentences, based on what you heard in the video and podcast.
- What insights did you gain? Highlight the specific example or quotes from the source.

Source #1:			
Source #2:			

C. Preparation for Discussion: Add 2 open-ended questions you now have for your peers to prepare for tomorrow's discussion.

Question #1:
I read (name) and it said (add quote)
and I'm wondering
Question #2:
One podcast I listened to was (name) and it said (add quote)
and I'm wondering

#### take-away of the conversation.

1. Will Walmard and Amazon colaborate? Many feel like
they won't because they both control seperate parts. Walmart
is in person and Amazon is online, Wiether companies have interest.
1. Will Walmard and Amazon colorborate? Many feel like they won't because they both control seperate parts. Walmart is in persus and Amazon is online. Niether companies have interest .  In smithing from online to in persus or vice-versor
2. In poker, there is no mash equalibrium strategy. Insteads which strategy is used. If there was a mach equalibrium, that would be used but a mixed strategy is the next best option.
3. Emplines play a big role in game theory. In the prisoner's dillemn prisoners choose to confess out at them the Italy choices prisoners might not them because they don't come they set in juil or not to because they don't come they set in juil or not.
4. Should Barnes and Noble make all stores smaller or should
4. Should Barnes and work make all stores smaller or should
thry keep some big? It depends on the environment. Some places might have a culture of going to a store
to get items and leave, and gone places might want more
gersonal stores.
This is similar to when ATRT and Standard Oil broke up.
There's also a possibility that once split me Aunzon will
6. Recently, poker has shifted from in person to online.
Signify of miles of the shifts from in person to online.  The person of anne theory was played thought psychology and body language. Now game theory is played strictly breek on odds of enrols. There are less unsubted and it is mainly on odds of enrols. There are less unsubted and it is mainly
on adds of cords. There are less uniables, and it is mainly lack.  Thek.  The it possible for a company to become a monopoly like standard oil this? There are many more regulations naw that help stop the production of innonpolics. Deopte this, there are managables on the diamond and sanglasses industry that have held strong for many years.
7 7. it cossible for a company to become a mondook like
si had all lid? There are more regulations now that
help stop the graduition of manapolies, Despite this, there are
managables on the diamond and sunalnesses industry that have
held strong for many years.
7100 /1100) 101

What is your three word phrase to highlight your class's conversation on this topic?  $\frac{ \int \omega_{N-\xi} }{ \int \omega_{N-\xi} } \frac{ \int \omega_{N-\xi} }{ \int \omega_{N-\xi}$ 

# **Engagement: Market Structures Book**

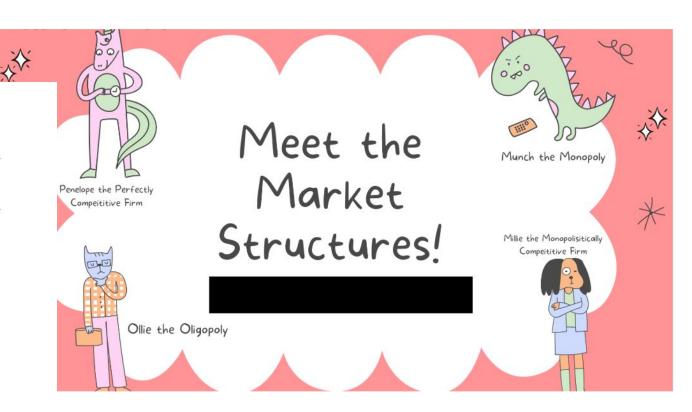


#### Market Structures Project - Exam Redo

<u>Task</u>: Write and record a podcast, talkshow or Children's book about "Market Structures" to help clarify the unique features of perfectly competitive firms, monopolies, monopolistically competitive firms, and oligopolies. This show will last between 5-7 minutes, or the digital Children's book would be 15-20 "pages/slides".

Introduce these "characters" to an audience where you coherently and creatively include all of the information for each: (SEE RUBRIC)

- Real World Example: Where each structure "lives" or exists in the real-world
- Background: The key characteristics of this structure
- Strengths
- Weaknesses
- The Overall Market Impact with the HAND DRAWN GRAPH in the short and long run (efficiencies, inefficiencies, deadweight loss)
- Justification: Why might this structure be better than the others?
- Opposition: Who in society might dislike this structure?
- Wrap Up: Something that makes the structure distinctive from others a catchy phrase



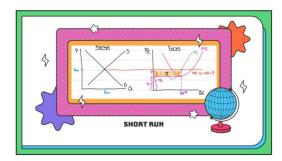
# Engagement: Market Structures Project (CEE

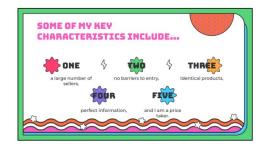




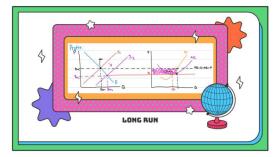


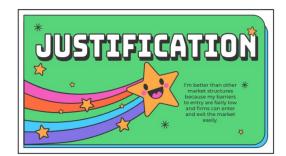












# Reflection CEE Supply and Demand

Challenges	Solutions
1. Pre-existing Knowledge of "Demand" Shifting vs. Movement Along	Teaching Model  MRU: Video, MRU Interactive
2. Shifters of Demand vs. Supply	Teaching Model  MRU: Demand, MRU: Supply  MRU Interactive
3. Market Outcomes with Single and Double Shifts	Teaching Model  MRU Interactives
4. Engagement: Real World	Current Events: Messi Effect, Taylor Swift

### **Market Structures**

Challenges	Solutions
1. Overall Classifications	Preview + Spectrum
2. Specific Characteristics of Each	Acronyms + Graphic Organizer
3. Graphs: Interpreting and Drawing	Digital Assessments
4. Engagement	Current Events + Projects



What questions do you have?



Questions from the Audience





Reflect

What takeaway do you have? What's something you're now wondering?

Add your response in the Chat box!



### References

- MRU: Interactives
- MRU: Content
- YouTube: The Office: Law of Demand
- YouTube: News Nation + Swiftonomics
- Market Place: What Messi Means for Apple TV
- YouTube: CNBC Could Messi Supercharge MLS?
- YouTube: Messi Effect on MLS Soccer
- Socrative
- Quizizz: PC vs. Monopoly
- YouTube: Macklemore + Shoes Product Differentiation
- YouTube: BI: Penalty Kicks and Soccer
- YouTube: Adam Ruins Everything: Monopoly



# Thank You

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