Econ 0100 | Fall 2023 | MiniExam E

This MiniExam will take 15 minutes with quick break to follow. MiniExams are designed to both test your knowledge and challenge you to apply familiar concepts in new environments. Treat it as if you're trying to show me that you understand the material.

Academic Conduct Code

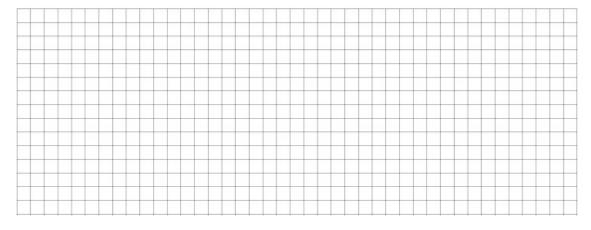
The following academic conduct code is designed to protect the integrity of your work. Print your initials beside the four academic honesty agreements before beginning.

I pledge to my fellow students, the university and the instructor...

- ... I _____ will complete this MiniExam solely using my own work
- ... I _____ will not use any internet connected devices or other online resources
- ... I _____ may use hardcopy resources (the textbook, printed materials, hardcopy notes)
- \dots I ____ will not communicate with others during the MiniExam

Graph

Use this to graph the initial setup from the following page.



Name:	Student ID:	Version 1
The Duel of Dia	gon Alley's Dwindling Dealers	
-	sold by many shops on Diagon Alley, with the number of sellers identical marginal cost curves, $MC=20+10q$, a price per bool tionship.	
	D: P = 190 - Q	
of spell books. After a five	o mischievous siblings, Petunia and Vernon, separately began buying year period of consolidation, they became the only two sellers of atte but equally sized book seller, <i>Petunia's Pages</i> and <i>Vernor</i>	spell books, each
	$MR_P = 190 - 2q_P - q_V,$ $MR_V = 190 - 2q_V - q_P$	
_	the impact this consolidation had on the market for spell books. the market before the consolidation.	Use a graph on
Q1 Pre-Consolida	tion Profit Maximization	
What is the firm's profit r	maximizing quantity before the market consolidation?	
Ω2 Pre-Consolida	tion Equilibrium Quantity	
•	uantity before the market consolidation?	
Q3 Pre-Consolida	tion DWL (hint: no math needed)	
What is the deadweight lo	oss in the market before the market consolidation?	
Q4 Post-Consolida	ation Equilibrium Quantity (hint: symmetric bes	$st\ responses)$
What is the total quantity	y produced by both firms after the market consolidation?	
Q5 Post-Consolida	ation Equilibrium Price (hint: use a graph here))
•	ne price rises from 40 to what?	
0.4 D + C		
•	ation DWL (hint: use Q^* from Q1) oss after the consolidation?	