經濟學原理一課堂實驗(十)：寡占市場

Principles of Economics I - Classroom Experiment (10): Duopoly

全班同學分組，兩組兩組參與實驗。練習回合只有一組在市場上（隨機選出），該組成員共同討論決定產量（1-13 單位）。該產量會對應某個市場的價格如表一所示，該產量乘以該市場價格再減去其成本（每單位成本為 1 元），則得到總利潤。第一回合起開放另一組進入市場，每組可自行決定要生產的數量，將兩組決定的數量相加後，即為市場總產量。該總產量將會對應一個市場價格（見表一），每組的產量乘上市場價格再減去每組的成本（每單位成本為 1 元），則為各組獲得的利潤。

Everyone shall join a group, and groups participate in this experiment in pairs. In the practice round, one group will be chosen randomly to be the incumbent. All the members from the incumbent should discuss and jointly determine the quantity to produce (1-13 units). The corresponding market price is in Table 1. The profit is the difference between total revenue (Price × Quantity) and total cost (each costs $1). In the first round, the other group enters the market. Each group decides their quantity to produce, and market supply is the sum of quantities each produces. The corresponding market price is again in Table 1. The profit is the difference of the total revenue (Price × Quantity) and total cost (each costs $1).

表一:價格為數量的函數 Table 1: The schedule of price and quantity supplied

總數量 Total quantity	1	2	3	4	5	6	7	8	9	10	11	12	13+
價格 Price	12	11	10	9	8	7	6	5	4	3	2	1	0

利潤紀錄與結算：每回合結束後，請在紀錄表上填入兩組的生產數量並算出市場總數量，然後將該數量對應表一的市場價格後，再填入市場價格。你們的產量 x 市場價格 = 總收入；你們的產量 x 1 元 = 你的成本；總收入 - 你的成本 = 你的利潤。最後的總利潤除以 60 則是你所獲得的分數。你的分數越高，成績越高。Profit Calculation: After each round, please record your quantity, the other's quantity, total quantity (sum of these two), and the corresponding price. Your group's total revenue = Price × Quantity and total cost = $1 × Quantity. Profit is the difference between the two. Your grade for this experiment is total profit divided by 60.

Name　　　　　　　　Major/Year　　　　　　Student ID#

姓名：_____　　系級：_____　　學號：_____

實驗紀錄表 Record Sheet for "Duopoly"

回合數 Round	你的數量 Your Quantity	他組數量 Other Quantity	市場價格 Market Price	總收入 Total Revenue	你的成本 Total Cost	你的利潤 Profit
Practice		0				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						