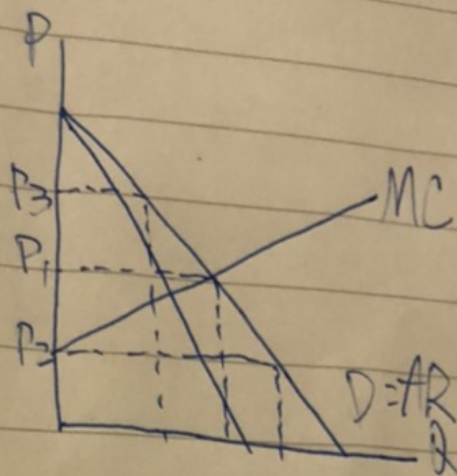


5/12 個經 A107260018 黃青禾

① $P = AC = D$

P, Q_1



②

$\text{Max } TR = MR = 0$

③ $\pi = TR(Q) - TC(Q)$

$\text{Max } \pi = MR(Q) - MC(Q) = 0 \quad MR = MC$

P, Q_3

2. 設獨占廠商在均衡下，價格是邊際成本的4倍求均衡時之需求彈性

$$L = \frac{P - \frac{1}{4}P}{\frac{1}{4}P} = \frac{\frac{3}{4}P}{\frac{1}{4}P} = \frac{3}{1}$$

$L = \frac{1}{|\epsilon|}$ L 的倒數為需求彈性故 $\epsilon_d = \frac{1}{L} = \frac{1}{3}$