Week 12

題う。 D: P= 280-g, TCA=2ga, TCB=4gB Max N = TR-TC

TR = >80 g - g = ( 280 - gA - gB) (gA+ gB) MR = MCA

\[ >80 - \( \) ( \q A + \q B ) = 4 \q A \\ \( \) \( \q A = 40 \), \( \q B = 50 \) L 280 - 2 ( 8A + 86) = 88B

随5. P=100-g, C=30+20g

((A)) p\*, q\*. 1 \* TR = PQ = 100 q - g2

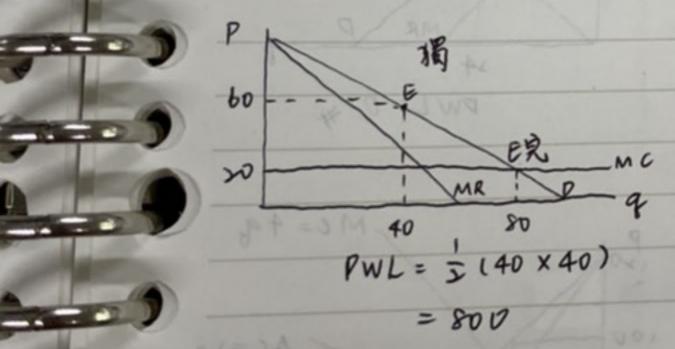
(D) 政府課10元假建稅.P, 好元 MR = MC+10 = gt = 45, p\* = 65  $\begin{cases}
MR = 100 - 29 \\
\Rightarrow g^* = 40. P^* = 60
\end{cases}$  = 1195

 $\pi^* = 1400 - 840 = 1570$ (B) 獨位造成 OWL

5

3

5



(E) 課10%, 從价稅, p\*, g\*, 九\* (1-10%) MR =MC + gx = 19 MR = (1+10%) MC PX = 6500 元十=(母x 号×ハク)-[30+20×号]

(P)課1000定额稅、px、g\*、九\* 定额税对MR、MC無影響 8 = 40. Px = 60. 7 = 1570

Lerner Index 1/2 1/2 to

((9) 課 x0% 利潤稅. P\*、农\*、九\* 利潤稅对MR.MC無影响 Tux = 1570 x 0.8 = 1256.