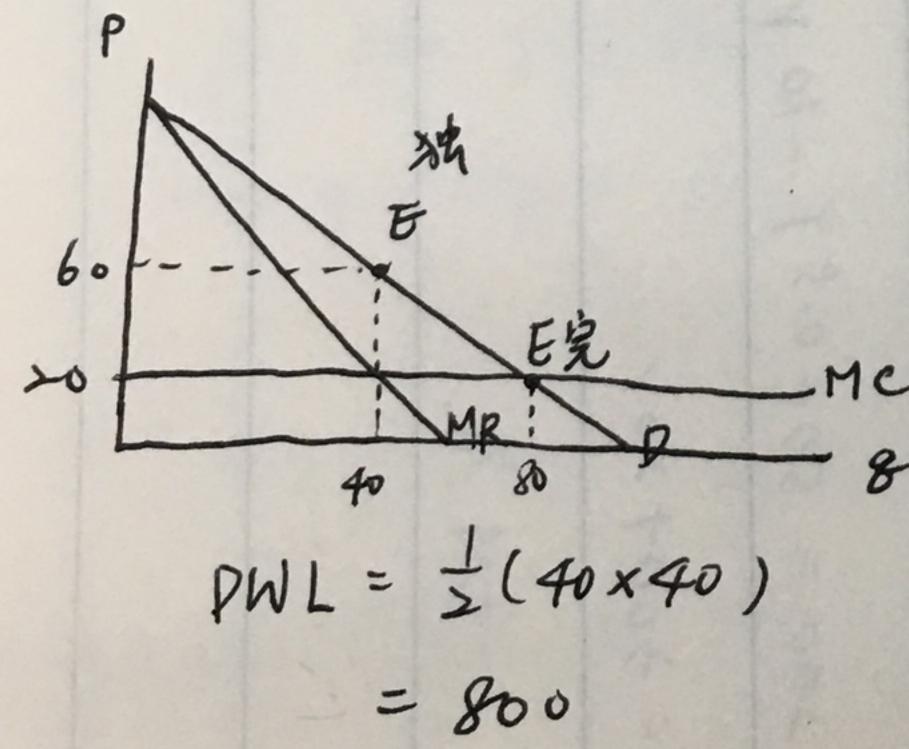
P33 D:
$$P = 280 - 9$$
, $TC_A = 29_A^2$, $TC_B = 49_B^2$
 $MAXII = TR - TC$
 $TR = 2809 - 9^2 = (280 - 8A - 9B)(9A + 9B)$
 $MR = MCA$
 $\{280 - 2(8A + 9B) = 49A$

$$\begin{cases} 280 - 2(8A + 8B) = 48B \\ MR = MCB \end{cases} \Rightarrow \begin{cases} 8A = 40, 8B = 20 4 \\ 280 - 2(8A + 8B) = 88B \end{cases} \Rightarrow \begin{cases} P = 220 4 \\ P = 220 4 \end{cases}$$

(A)
$$P^*$$
, g^* , π^*
 $TR = PQ = 100g - g^2$
 $MR = 100 - 2g$
 $MC = 20$
 $g^* = 90$, $f^* = 60$

TT = 2400 -830 = 1570

(B) 独与造成 OWL



(c) Lerner Index 8th 5p. $L = \frac{P - MC}{P} = \frac{60 - 20}{60}$ $= \frac{2}{3}$

(D) 政府課10元 微量税, P*, 8*, 元*
MR=MC+10=8*=35, P*=65

元*=35×65-(30+20×35)-10×35
=1195

(E) 課 10% 從价稅, P^* , g^* , T^* (1-10%) MR=MC =) $g^* = \frac{350}{9}$ MR = (1+10%) MC $P^* = \frac{650}{9}$ $T^* = (\frac{350}{9} \times \frac{650}{9} \times 0.9) - [30+20\times \frac{350}{9}]$ = 1120

(F)課 (1000 度額稅, px, gx, 元本) 定額稅对MK, MC 為影響 60, px=60, 10x=15个0