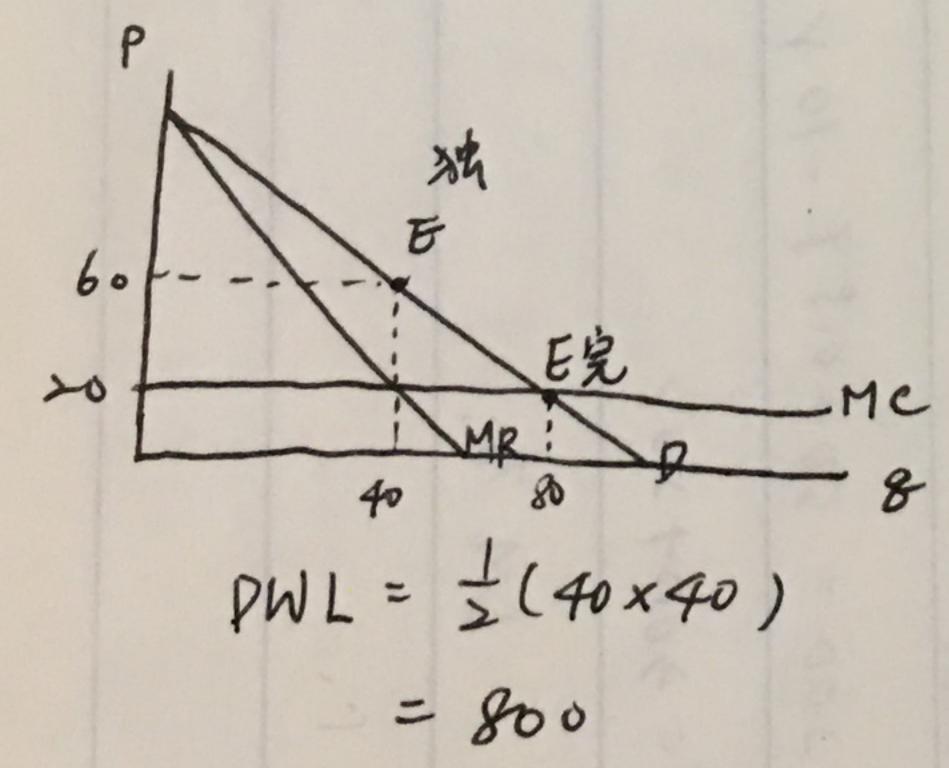
Part = 280-9. 
$$TC_A = 29_A^2$$
,  $TC_B = 48_B^2$   
 $Max\pi = 7R-TC$   
 $TR = 2809-8^2 = (280-8A-8B)(8A+8B)$   
 $MR = MCA$   
 $S = 2809-8^2 = (280-8A-8B)=49A$   
 $MR = MCA$   
 $S = 28A+8B = 49A$   
 $S = 40$ ,  $S = 20$   
 $S = 28A+8B = 88B$   
 $S = 40$ ,  $S = 20$   
 $S = 28A+8B = 88B$ 

(A) 
$$P^*$$
,  $g^*$ ,  $\pi^*$ 
 $TR = PQ = 100g - g^2$ 
 $MR = 100 - 2g$ 
 $MC = 20$ 
 $9 g^* = 90, P = 60$ 

TT = 2400 -830 = 1570

(B) 独与造成 OWL



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

(D) 政府課10元從量税,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,  $P^*$ ,  $g^*$ ,  $TC^*$  (1-10%) MR=MC =)  $g^* = \frac{350}{9}$  MR = (1+10%) MC  $P^* = \frac{6500}{9}$   $T^* = (\frac{39}{9} \times \frac{9}{9} \times 0.9) - [30+20\times\frac{39}{9}]$ = 1120

(F)課 1000度額稅, p\*, 8\*, 元\* 定額稅对MK,MC 考影餐 8\*=40, p\*=60, 10\*=1510

(G) 課 20% 利潤稅, p\*, g\*, 70\*
利潤稅对MR, MC無影的
对 T 存 ,,

8\*=40, p\*=60

T\*=1570 × 0,8=1256.