随う。 D: P= 280-g, TCA= 284, TCB = 4gB Max N = TR-TC

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

MR = MCA

\[\langle >80 - \(\) (\q A + \q B) = 4 \q A \\
\[MR = MCB \]
\[\int \text{MR} = \text{MCB} \] 1 280 - 2 (8A + 86) = 88B

随5. P=100-g, C=30+20g

(A)) p*, g*. x* TR = PQ = 100 q - g2 $\begin{cases} MR = 100 - 29 \\ MC = 20 \end{cases} \Rightarrow g^* = 40. p^* = 60 \qquad = 1195$

(D) 政府課10元從建稅.P*,农元 MR = MC+10 > gt = 45, px = 65 70 = 45 x 65 - (+0+20 x 75) - 10 x 75

 $\pi^* = 1400 - 840 = 1570$

(E) 課10%。從价稅, P*、农*、九* (1-10%) MR = MC + gx = 19 MR = (1+10%) MC PX = 6500 元 = (母× 可× 1,9)-[30+20× 3] = 1720

PWL = = (40 × 40) = 800

(B) 獨位造成 OWL

- (P)課1000定額稅、px、g*、九米 定额税对MR、MC無影響 9x = 40, Px = 60. 70x = 1570
- (0) Lerner Index 1416 to $L = \frac{P - MC}{P} = \frac{60 - 20}{60}$
- ((9) 課 20% 利潤稅. P*、 8*、九* 利潤稅对MR.MC無影响 8 = 40 , p = 60 TUX = 1570 x 0.8 = 1256.