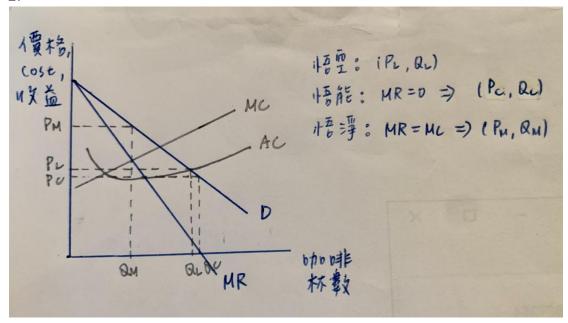
1.



2.

ia)
$$MR = MC$$
, $P = a - b R$
 $a - 2b R = c + e R$
 $\Rightarrow R = \frac{a - c}{2b + e}$
 $\Rightarrow R = \frac{a - c}{2b + e}$
 $\Rightarrow P = \frac{ab + ae + bc}{2b + e}$
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- (A) 利用MR=MC, 120-29=49, 解出 $9^*=20$, 代回需抗函數解得 $p^*=100$ $\pi^*=100\times 20-2(20)^2=1200$, $E_d=\frac{100}{20}=5$, $Mc^*=49^*=90$
- (13) 無調損失 = 20×4 = 40 (完全競爭之75 = 120×24 = 1440)
- (U) P = MC, 古文 |20 8 = 48 $\Rightarrow 8 = 24$,代回需求函數解得 P = 96 $\pi = 96 \times 24 2(24)^2 = 1152$ "ML 訂價,"無謂損失 = 0 (ML 訂項票 表 τ 75 = 完全競爭 τ 75 = $\frac{120 \times 24}{2}$ = 1440)