

2. (a)
$$MR = MC$$
 $P = a - bQ$
 $MR = a - 2bQ$
 $a - 2bQ = C - eQ$
 $Q = a - C$
 $Q = a - C$
 $P = a - b \begin{bmatrix} a - C \\ 2b + e \end{bmatrix}$
 $P = a - b \begin{bmatrix} a - C \\ 2b + e \end{bmatrix}$
 $P = a - b \begin{bmatrix} a - C \\ 2b + e \end{bmatrix}$

(b)
$$Q = \frac{a-c}{2b+e}$$

(c) $p = \frac{ab+ae+bc}{2b+e}$

3. (A)
$$MR = MC$$
.
 $120 - 29 = 49$, $9 = 20$
 $p = 100$
 $T^* = 100 \times 20 - 2(20)^2 = 1200$
 $E_d = 100/20 = 5$, $MC = 19 = 80$
 $40 = 100 = 100 = 100$

(C) P=MC :.120-8-48,9=24 P=96 TL=96×24-2(24)=1152 MC訂便:無額換失=0年

(D) P=AC :120-g=29, 8=40, P=fo TT=80×40-2(40):0

AC直便 (120-名)*40/2=100 1440-800=645