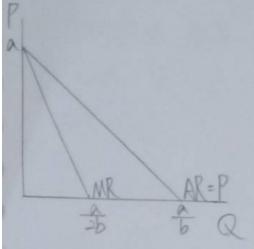
P=a-ba, TR, MR, AR

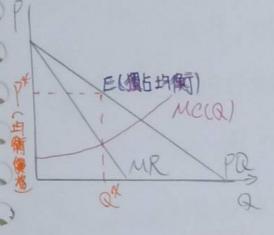


$$TR = P \cdot Q = aQ - bQ^{2}$$

$$AR = \frac{TR}{Q} = a - bQ$$

$$MR = \frac{dTR}{dQ} = a - 2bQ$$

2假設獨占市場的需求為線性,即P=a-bQ 追求利潤極大化,均衡價格如較量



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 $Max\pi = TR - TC$ $\frac{d(a - ba)Q}{dQ} = a - ba$ $\frac{d\pi}{dQ} = MR - MC = 0$ 0 - 2bQ = C MR = MC $Q^* = \frac{a - C}{2b}$ $TR = P \cdot Q - TC(Q) p^* = a - bx(\frac{a - C}{2b})$ MR = MC $= \frac{2a - a + C}{2}$ MR = MC $= \frac{a + C}{2}$