- 3A) MRA = MC . $100 24A = 20 \Rightarrow 4A = 40 \Rightarrow PA = 60$ MRB = MC . $80 - 24B = 20 \Rightarrow 4B = 30 \Rightarrow PB = 50$ $TL = 60 \times 40 + 50 \times 30 - 20 \times (40 + 30) = 2500 = PS$ CS = CSA + CSB = 800 + 450 = 1250; TS = CS + PS = 3750
- C) $F = (80 P) \times q/2 = (80 P)(80 P)/2 = (80 P)^2/2$ $T_L = 2F + (P - 20)(qA + qB) = (80 - P)^2 + (P - 20)((80 - 2P)) = -P^2 + 60P + 2800$ 由一階條件可解得 = P = 30 · 放 F = 1250 · q = 120 · $T_L = 3700$ CS = CSA(P = 30) + CSB(P = 30) - 2F = 2450 + 1250 - 2500 = 1200TS = CS + PS = 1200 + 3700 + 4900