

2. $P=11$

Q	TC = VC + FC	AC	AVC	MC	MR
0	10	X	X	X	11
1	20	20	10	10	11
2	23	11.5	6.5	3	11
3	28	9.33	6	5	11
4	38	9.5	7	10	11
5	60	12	10	22	11

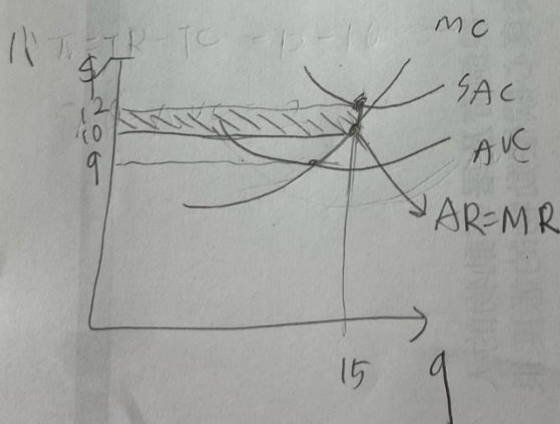
$AC \times Q = TC$ $\frac{TC}{Q}$ $\frac{VC}{Q}$ $\frac{dTC}{dQ}$

② 利潤最大化

$MR = MC$

4單位, 利潤 $11 \times 4 - 38 = 6$

③ AVC 最小為 6 元, 故短期停業價格 6 元



$TR = Q \times P$
 $= 15 \times 10 = 150$

$\pi = (10 - 12) \times 15$
 $= -30$

$ATC = AVC \times Q$
 $135 = 9 \times 15$

$FC = 12 \times 15 - 9 \times 15$
 $= 45$

$PS = 15$