

$$1. a. \frac{100 \times 6}{6} = 100 = AFC$$

$$AVC = \frac{0 + 50 + 70 + 90 + 140 + 200 + 360}{6}$$

$$= 151.67$$

$$AU = \frac{(100 + 0 + 100 + 50 + 100 + 70 + 180 + 90 + 100 + 200 + 100 + 360)}{6} = 268.33$$

$$MU = \frac{\Delta AU}{\Delta q} = \frac{360}{6} = 60$$

$$6. TR = 0 - (TFC + 0) = -TFC = -600$$

$$p = MR = 50 < AVC$$

\therefore 應歇業

$$VC = 0 + 50 + 70 + 90 + 140 + 200 + 360 = 910$$

$$C, MR = 50 \neq 60$$

2 (X) 0	10	0	0	0	11
10	10	20	10	10	11
13	10	11.5	6.5	3	11
18	10	9.3	6	5	11
28	10	9.5	7	10	11
60 50	10	12	10	12	11

(B) 利潤極大化

$MR \geq MC$ 時

$$\Rightarrow q = 4 \Rightarrow \text{利潤} = 11 \times 4 - 38 = 6$$

(C) AVC 最小價格 $P = 6$ 元