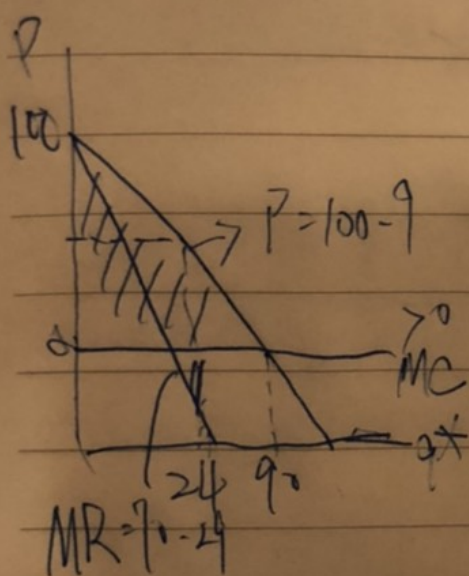


5/26 黃嘉禾



$$MC=30$$

$$TR = (100 - Q)Q - 30Q$$

$$= 100Q - Q^2 - 30Q$$

$$= 70Q - Q^2$$

$$MR = 70 - 2Q$$

$$P = MC$$

$$100 - Q = 30$$

$$Q = 70$$

$$\text{固定費} = CS = \text{利潤} = (100 - 30) \times 70 \times \frac{1}{2} = 2450$$

$$MC = \text{使用費} = 30$$

$$A = \text{固定費} = 2450 \quad \text{利潤} = 2450$$

$$\text{使用費} = 30$$