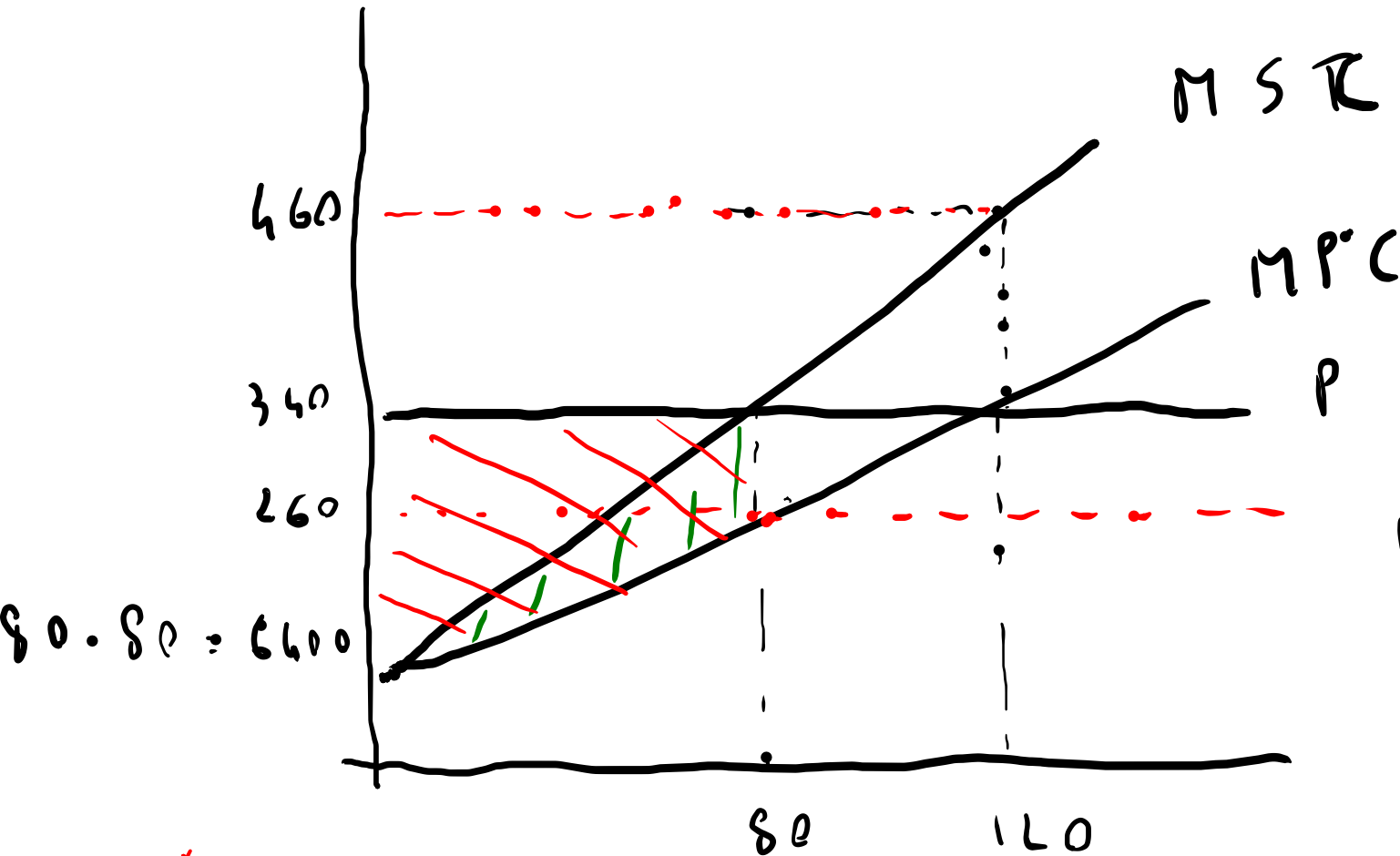


TEST UNDER



$$MC(Q') = 260 = P - X$$

$$X = 340 - 260 = 80$$

$$12800 - X = X - 3200$$

$$X = 8000$$

$$\begin{aligned} \therefore I & 12800 - 8000 = 4800 \\ S & 8000 - 3200 = 4800 \\ & \underline{9600} \end{aligned}$$

$$\text{MIN}_P \frac{80 \cdot 80}{2} = 3200$$

$$\text{MAX}_P \frac{(80 + 340) \cdot 80}{2} = 12800$$

$$\underline{9600}$$

CAP 11

①

$$TC = 98 + 2Q^2$$

$$P = 200 - 0.25Q$$

$$n = 9$$

$$Q^s = 9Q$$

$$P = MC = 4Q$$

$$Q = \frac{1}{5} P$$

$$Q^s = \frac{9}{5} P$$



$$Q^D = 800 - 4P = \frac{9}{5} P$$

$$Q^D = Q^S$$

$$\frac{25}{5} P = 800$$

$$P = 800 \cdot \frac{5}{25} = 128$$

$$Q = 800 - 4 \cdot 128 = 288$$

$$Q_L = \frac{288}{9} = 32$$

$$\hat{\pi} = \overset{TR}{128 \cdot 3Q} - Q^2 - (2 \cdot 32') = \underline{1950}$$

b)

$$AC = \frac{98}{Q} + 2Q$$

$$\frac{dAC}{dQ} = -\frac{98}{Q^2} + 2 = 0$$

$$Q^2 = \sqrt{49} = 7$$

$$\textcircled{4} \quad TC = 1440 + 10Q^2$$

$$Q^D = 240 - \frac{1}{2}P$$

$$\textcircled{a} \quad P = MC = AC_{\min}$$

$$AC = \frac{1440}{Q} + 10Q$$

$$\frac{dAC}{dQ} = -\frac{1440}{Q^2} + 10 = 0$$

$$\textcircled{c} \quad TR = 12 \cdot 240 = 2880$$

$$TC = 1440 + 10 \cdot 12^2 = 2880$$

$$Q^L = \frac{1440}{10} = 144$$

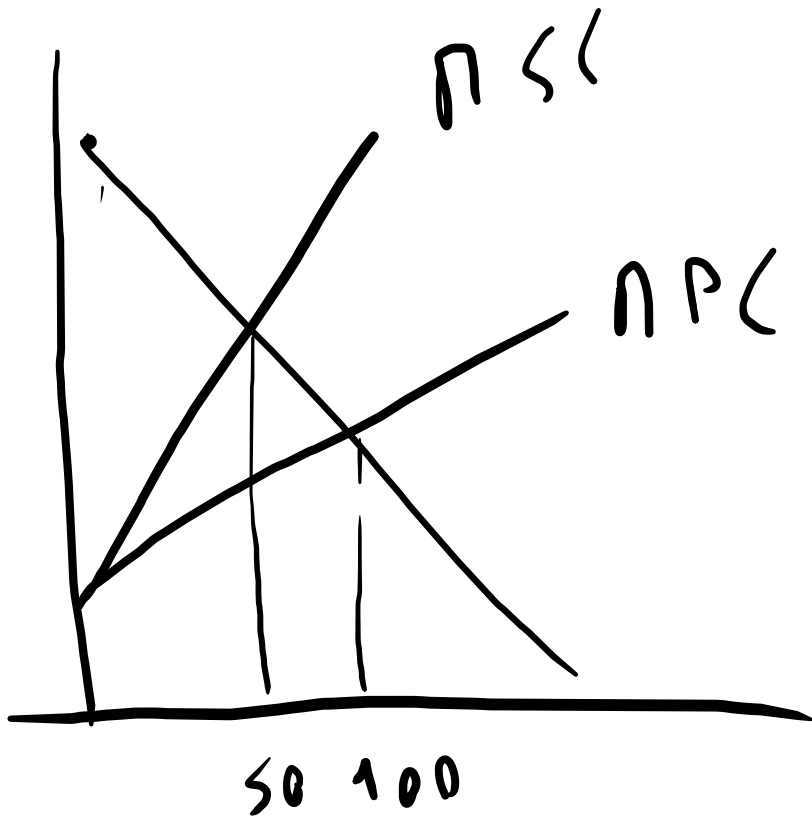
$$Q^* = \sqrt{144} = 12$$

$$AC = \frac{1440}{12} + 10 \cdot 12 = 240 = P^*$$

$$\textcircled{b} \quad P = 480 - 2Q$$

$$240 = 480 - 2Q$$

$$Q^* = 120 \Rightarrow M^* = 10$$



chimica

S	1T	2T
brude	15 0	60 0 x
A/M	15 25 x	60 18 x

0	5 x	0
25 x	5 x	19 x