

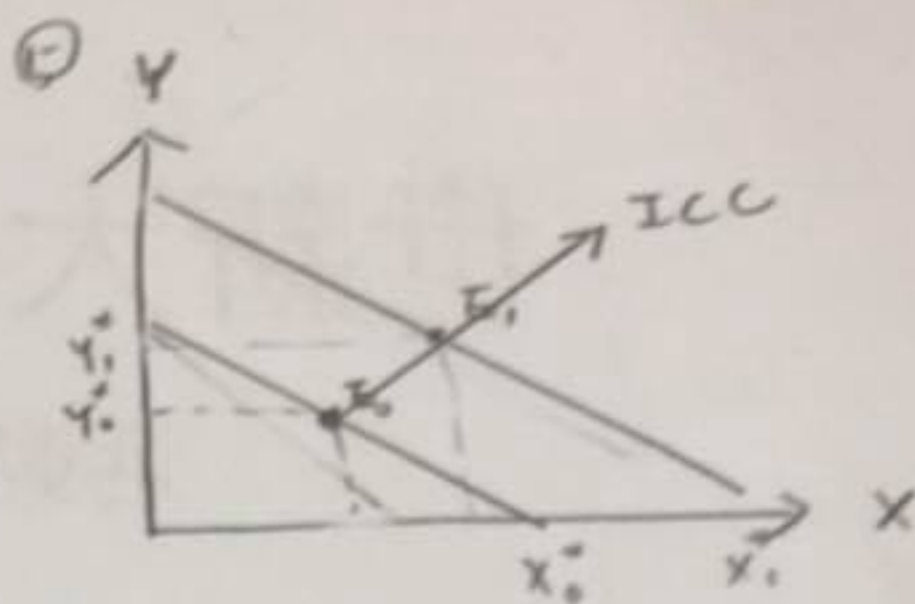
加工作业

① 预算线

$$40X + 20Y = 160$$

H	0	1	2	3	4
MP	8	6	4	2	0

$$X^* = 2, Y^* = 4$$



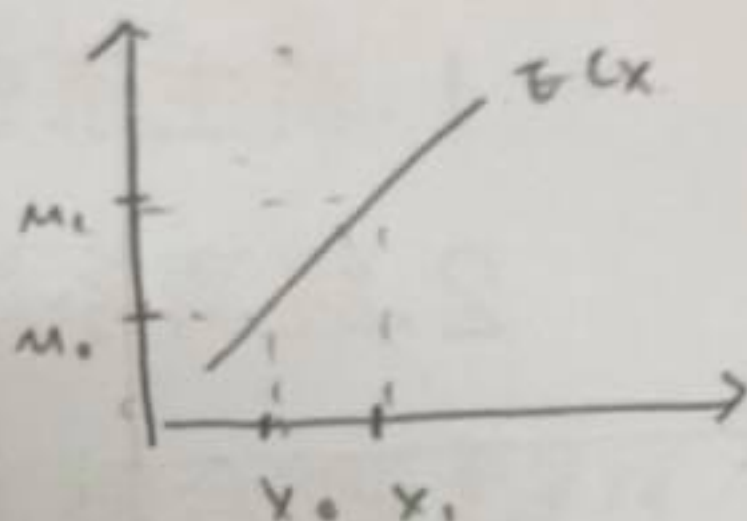
② $Y = 2X$

$$176 = 20Y + 40X$$

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$$X = \frac{176}{80} = \frac{88}{40} = \frac{44}{20} = 2.2$$

$$Y = 4.4$$



③ $40X + 20Y = 240$

H	0	1	2	3	4	5	6
MP	12	10	8	6	4	2	0

$$X^* = 3, Y^* = 6, Y = 2X$$

④ 恩格尔曲线 $M = 2P_X X$

$$\text{需求曲线} X = \frac{M}{2P_X}$$