Prodn. Exs. for Ec. 148, W-2005

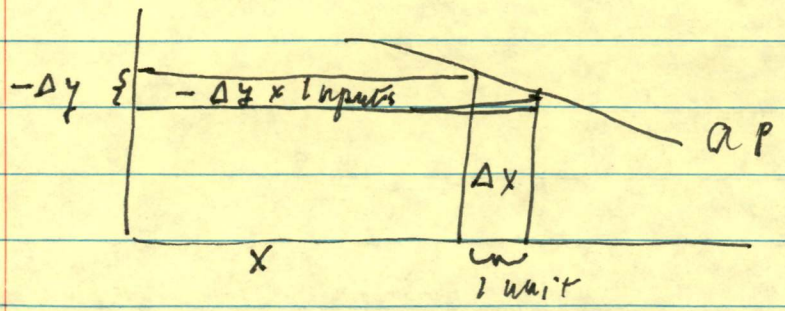
A.

Stage	MP/AP	MP/MC	APΔ	AP	Rent	TPΔ	TP
I	>1	~~>~~	+			+	
Cusp	=1	≥1	0	Max		+	
II A	<1	>1	−			+	
Cusp	<1	=1	−		Max	+	
II B	<1	<1	−			+	
Cusp	<1	<1	−			0	Max
III	<1	<1	−			−	

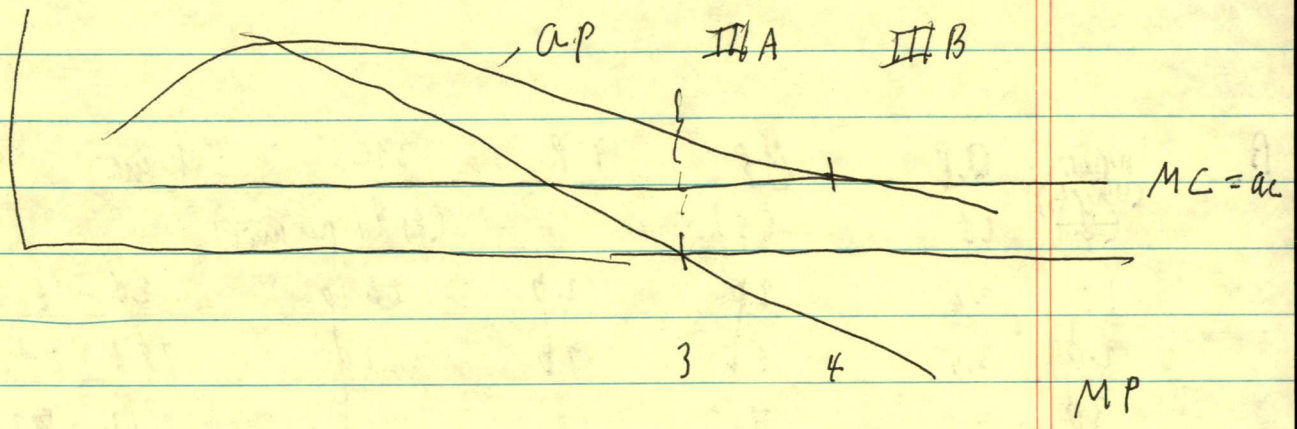
B.

Inputs (units)	AP ($)	MP ($)	TP	TMC (@$1/per unit)	Rent
10	20	20	20	10	20 − 10 = 10
20	3.5	50	70	10	70 − 20 = 50
30	4.0	45	120	10	120 − 93 = 27
40	4.0	4	160	10	160 − 4 = 12
50	3.8	3	190	10	190 − 5 = 14
60	3.5	2	210	10	210 − 6 = 15
7	3.1	1	220		220 − 7 = 15

C.



$MP = \Delta x - \Delta y(x)$


A.P
III A
III B
MC = ac
3
4
MP