

Costo variable = Costo total - Costo fijo
=
$$280 - 30$$

= 250
Costo Var Prom = $\frac{250}{9} = \frac{250}{10} = 25$

2)

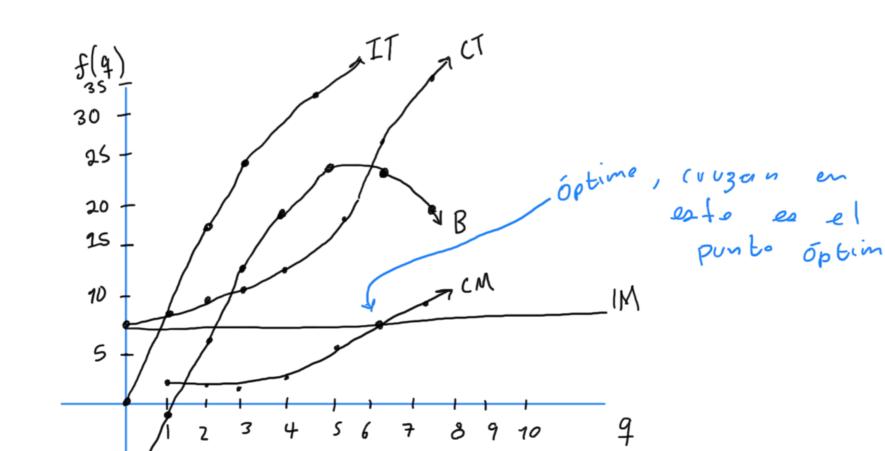
Q	Ø	1	2	3	4	5	6	7
CT	8	9	10	11	13	1 9	27	37
IT	0	8	16	24	32	46	48	56
В	- 8	_ 1	6	13	19	21	21	19
IM	_	8	8	8	8	8	8	8
CM	_	1	1	1	2	6	8	10

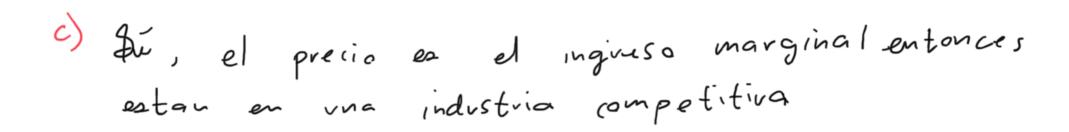
Beneficios = IT - (T

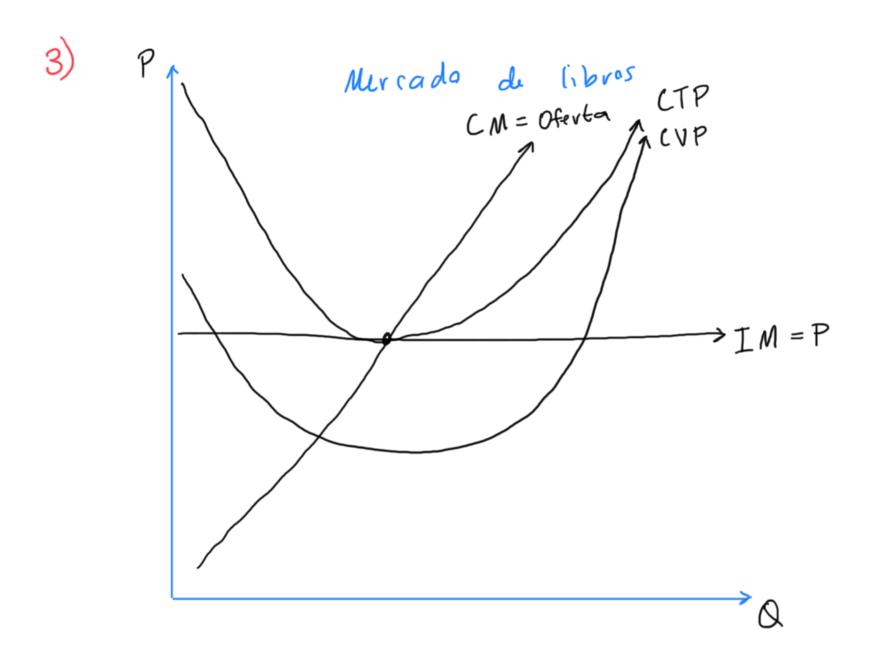
Maximizo: CM == Precio

a) Max. producir entre

b)







$$C(q) = 450 + 15q + 2q^2$$
 $P = 115$

$$= (115 \times 25) - (450 + 15(25) + 2(25)^{2})$$

$$= 2875 - 825 - 1250$$
Benefits = 800

5)
$$C(q) = 200 + 2q^{2}$$
a) $\frac{\partial C}{\partial q} = 4q = 100$
 $q = \frac{100}{4} = 25$
 $q = 25$ Debe producio 25

Benefits =
$$[100(25)] - [200 + 2(25)^2]$$

= $2,500 - [200 + 1250]$
= $2,500 - 1450$
= $1,050$ \$ Beneficios totales