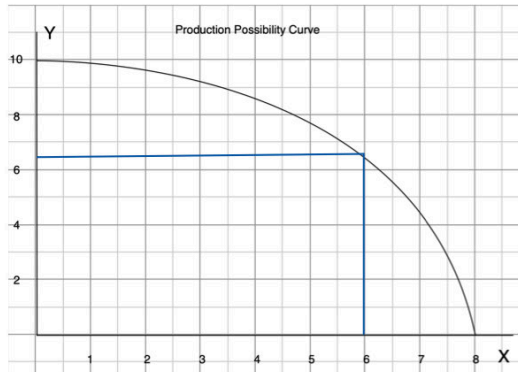


Thiem - 6404641299

HW Nonlinear PPC



- a) Find the opportunity cost of each additional unit of y in terms of units of x

y	x	Opp. Cost of y
0	8	0.1
1	7.9	0.1
2	7.7	0.2
3	7.5	0.2
4	7.3	0.5
5	6.8	0.6
6	6.3	0.8
7	5.5	0.8
8	4.1	0.8
9	3.5	3.5
10	0	0

- b) Is the opportunity cost of y increasing? **Yes**

- c) Compute the opportunity cost per unit of y when $x = 6$.

$$6.3 - 6 = 0.3$$

- d) At $x = 6$, approximate how much more x can be produced if we have y less by 0.2 units. **I didn't get this question kudo.**