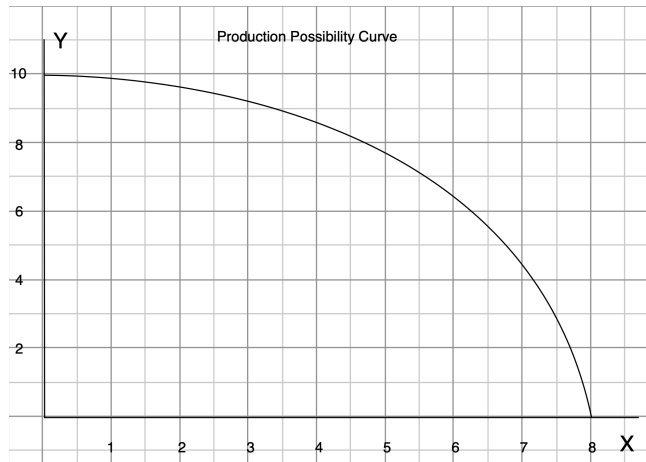


**HW 2 Due Thursday, February 4, 2021**  
**1. Nonlinear PPC**



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	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

b) Is the opportunity cost of  $y$  increasing?

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

d) At  $x = 6$ , approximate how much more  $x$  can be produced if we have  $y$  less by 0.2 units.

2. Farmer C has the PPC given below. Find the PPC of all three farmers A, B and C combined.

