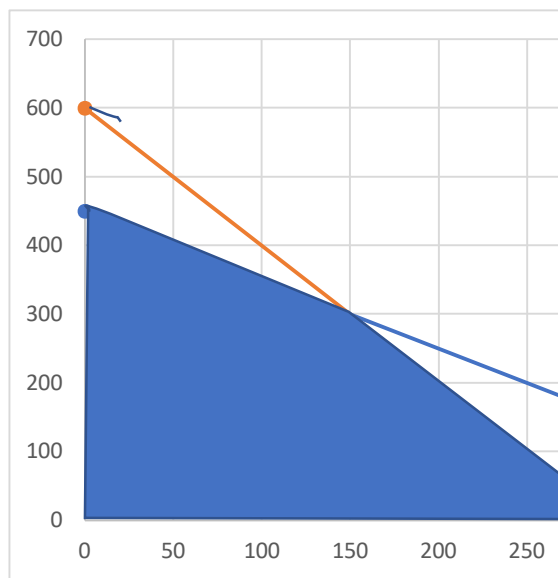


maximize $z=3x+4y$; constraints are $x+y \leq 450$; $2x+y \leq 600$

	x	y	
z	3	4	
c1	1	1 <=	450
c2	2	1 <=	600

c1		
x	y	
	0	450
450		0

c2		
x	y	
	0	600
	300	0



point of intersection	x	y		
c1	1	1 <=	450 x	150
c2	2	1 <=	600 y	300
	Z			1650

