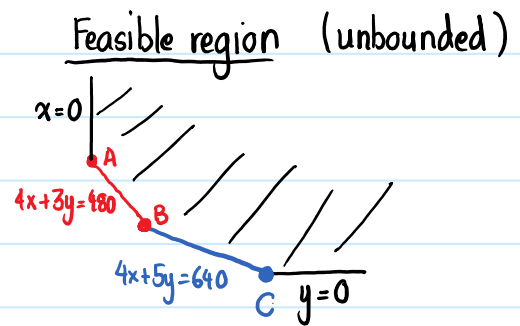
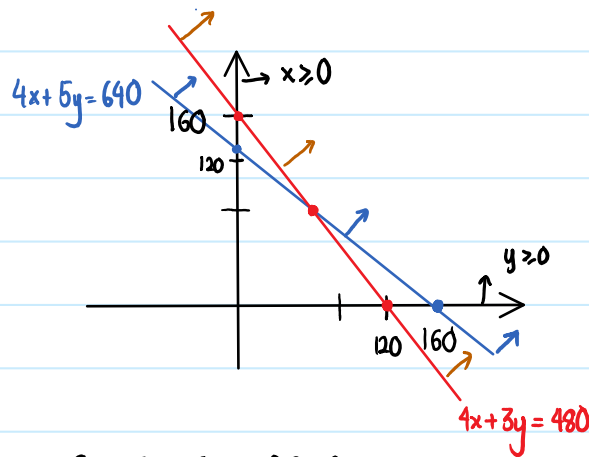
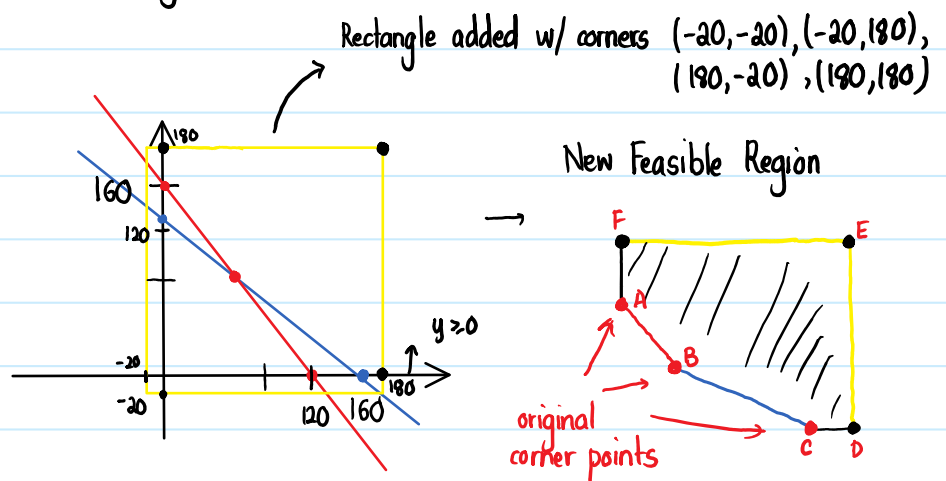


Incomplete example from class



Minimize $C = 2000x + 2000y$
 subject to $4x + 3y \geq 480$; $x \geq 0$
 $4x + 5y \geq 640$; $y \geq 0$



Points	Lines through Point	Coordinates	$C = 2000x + 2000y$
A	$x = 0, 4x + 3y = 480$	(0, 160)	320000
B	$4x + 3y = 480, 4x + 5y = 640$	(60, 80)	280000 → Optimal value
C	$y = 0, 4x + 5y = 640$	(160, 0)	320000
D		(180, 0)	360000
E		(180, 180)	720000
F		(0, 180)	360000

B = original corner point so optimal solution at (60, 80) w/ optimal value 280000