

p.28 #5

x : area for flowers (m^2)

y : area for shrubs (m^2)

$x \geq 0$

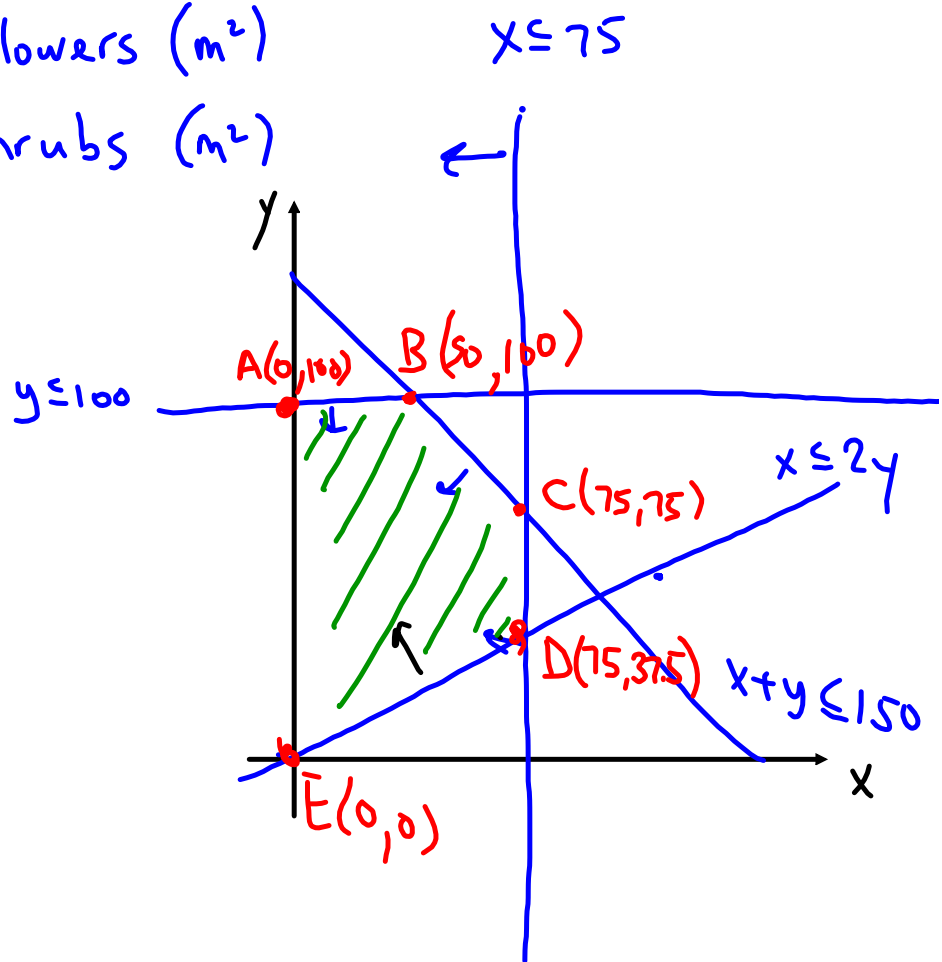
$y \geq 0$

$x \leq 75$

$y \leq 100$

$x + y \leq 150$

$2y \geq x$



$R = 200x + 125y$

Pt. B: $200(50) + 125(100) = 22500$

Pt C: $200(75) + 125(75) = \underline{\underline{24375}}$

75 m^2 flowers, 75 m^2 shrubs