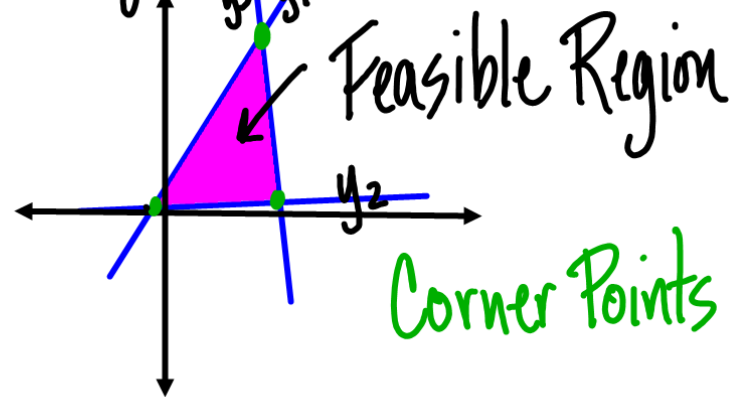


3.5 Linear Programming

Inequalities Constraints

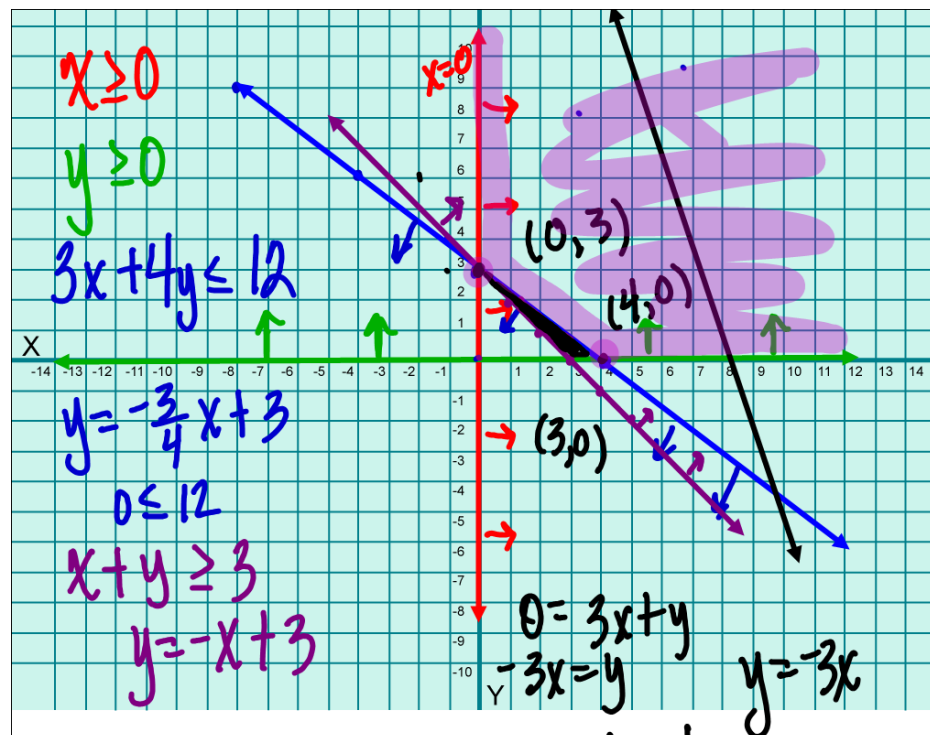


Objective Function

Maximum

Minimum

Substitute Corner Points



	$P = 3x + y$	Objective Function.
$(0, 3)$	$P = 3(0) + 3$	$P = 3$ Min.
$(3, 0)$	$P = 3(3) + 0$	$P = 9$
$(4, 0)$	$P = 3(4) + 0$	$P = 12$ Max
$(0, 3)$	$P = 3$	Minimum
$(4, 0)$	$P = 12$	Maximum

p 192

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