

Problem Set 12.8	gast-131131
2.)f(x,y) = x2+4y2-2x+8y-1	
Vf(x,y) = x2 - 2x 4y2+8y	(4)
(2x-2-) (8y+8)	(0,0) -> (1,-1) -> stationary
$= (2)(8) - (6)^{2}$	
= 16 > 0> fxx=	