

Name \_\_\_\_\_

Mathematics 206a: Multivariable Calculus  
Winter Semester 2008

David Haines

Quiz #5

January 24

Sketch the level curves for the function  $f : \mathfrak{R}^2 \rightarrow \mathfrak{R}$  given by the rule  
 $f(x, y) = x^2 - y^2$  for values of  $c = 0, 1, 2,$  and  $3$ .