Section _____ **Name** _____

TA _____ **Student Number** _____

Math 126B **Calculus With Analytic Geometry III** **Spring 1995**

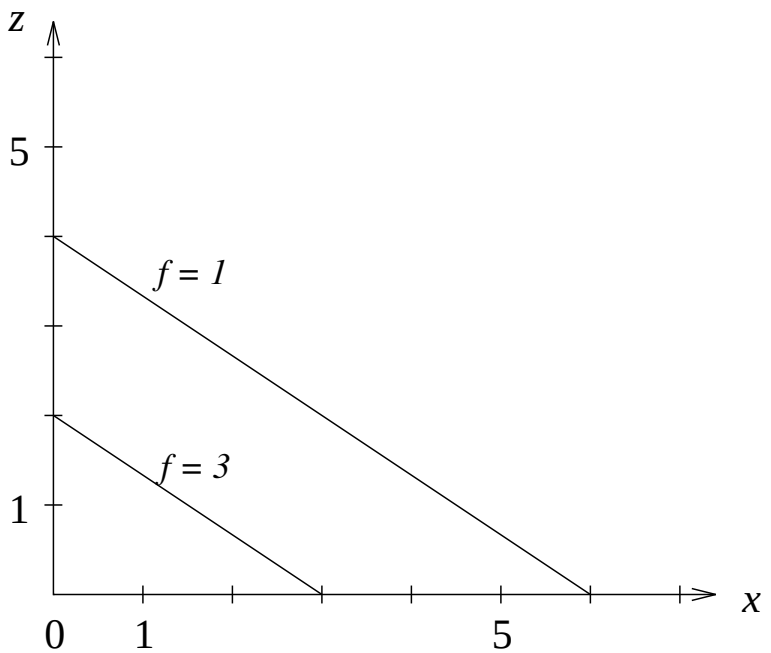
QUIZ #3

4/25/95

Straight lines must be drawn with a ruler; no credit will be given if drawn by hand. **Show your work.**

1. We are told that $f(x, y)$ is a linear function of two variables. Two of its level curves are shown in the graph below.

   (a) Write an explicit equation for $f(x, y)$.

   $f(x, y) =$ _____

   (b) Draw the level curve of $f(x, y)$ at level 0.