MATH 251 - QUIZ 6

NAME:

I.D.:

Instruction: Circle your answers and show all your work CLEARLY. Solutions with answer only and without supporting procedures will have little credit.

1. Find and classify the critical point of the function $f(x, y) = x^2 - 2xy + y^3 - y$.

2. Find and classify the critical point of the function $f(x, y) = x^3 + y^3 + 3xy + 3$.