MATH 333 030 – Quiz – 6/14/04 – Name: ____________________________

Pencils and Erasers Only – No Calculators Allowed.

1. Solve the differential equation $3y' = \frac{x}{y^2}$.

2. Solve the initial-value problem $3y' = \frac{x}{y^2}$ with $y(\sqrt{6}) = -3$. 