Math 182   **Quiz** 8   **Name:** _____

October 8, 2004

Show all work for credit.

Evaluate the following integrals.

1. $\displaystyle \int \frac{3x^2 - x + 28}{(x^2 + 9)(x - 1)}\, dx$

2. $\displaystyle \int \frac{x^3 + 5x - 3}{x - 1}\, dx$