

172 Quiz 6

Name: \_\_\_\_\_

Compute the following integrals:

1.  $\int \frac{x^4}{x-1} dx$

2.  $\int \frac{x}{x+3} dx$

3.  $\int \frac{3x+1}{x^2-x-6} dx$

4.  $\int \frac{dx}{1+e^x}$  here let  $u = 1 + e^x$  etc