

172 Quiz 7

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

Compute the following integrals indefinite integrals:

1.  $\int_1^{\infty} \frac{dx}{\sqrt[3]{x^2}}$

2.  $\int_{\frac{1}{2}}^{\infty} \frac{dx}{x^2 + x}$

3.  $\int_{-\infty}^{\infty} \frac{x^2}{9 + x^6} dx$