Math 222 - Quiz 4

Section: _____

Name:

Problem 1 Calculate $\int \frac{x}{x^2 + 2x + 5} dx$.

Problem 2 Calculate $\int_1^\infty \frac{1}{x^2 + x} dx$. It may help to recall $\ln(a) - \ln(b) = \ln\left(\frac{a}{b}\right)$ for when calculating the limit.