

Math 4213 - Complex Analysis

Quiz #12 - 2012.02.15

Name: _____

1. If we have a complex-valued function $f(z)$, and a contour C which is parametrized as $\gamma(t)$ for $t \in [a, b]$, how can we compute $\int_C f(z) dz$?

2. Find two values z_1 and z_2 such that $e^{z_1} = e^{z_2} = \frac{3}{\sqrt{2}} - \frac{3}{\sqrt{2}}i$.