

Math 302

Any answer without justification worths nothing

Quiz 6

21/ 12/ 2014

Name:

ID #

Problem 1 (3 points): Show that the function $f(z) = \bar{z}$ is nowhere differentiable.

Problem 2 (34points) Check if $\text{Ln } i^3 = 3\text{Ln } i$

Problem 3 (4 points) Find all the complex numbers z satisfying

$$\sinh z = -i$$