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MATH 4103   Quiz 6   Spring 2016

Name: _____

Problem 1. [1 point]

(a) Find $\arg i$ and $\operatorname{Arg} i$.

(b) Find $\log i$ and $\operatorname{Log} i$.

(c) Find all values of $\sqrt{-1}^{\sqrt{-1}}$.

Remark: The weird-looking $\sqrt{-1}^{\sqrt{-1}}$ stands for i^i, but I just could not resist the temptation to write it in a more exotic way.