

MATH 4103

Quiz 2

Spring 2016

Name: _____

Problem. [0.5+1+1.5 points]

(a) Write the number $4i$ in exponential form.

(b) Find $(4i)^{1/2}$.

(c) Write the two complex numbers found in part (b) in the form $u + iv$, and plot them in the complex plane.