

Dr. Z.'s Math 403 REAL Quiz #1

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1. (4 points) If $\zeta = 1 + i$, find ζ^{-3} .

2. (4 points) What is the center and radius of the circle described by

$$|z| = 2|z - 2| \text{ .}$$