Name:	:	

MATH 19 QUIZ 06 OCTOBER 2016 BROWN UNIVERSITY INSTRUCTOR: SAMUEL S. WATSON

1. Find all solutions of the equation $z^3 = 8$. Express your answers in the form $a + bi$ where a and b are real numbers.
2. Show that if z is outside the unit circle, then z^{11} is also outside the unit circle.