

MATH1009 – Quiz 3
Wednesday, November 30, 2016
Instructor: Abuzer Yakaryılmaz

Name and surname:

Questions
(20 minutes)

1. (50 points) Find all complex numbers z satisfying the equation $z^2 = -8 - 6i$.
2. (50 points) Find real numbers x and y satisfying $x + iy = (1 + i)^{12}$.