Florida International University
Trigonometry-MAC1114
Pre-Class Assignment 12

Spring 2018
Due Date: 4/6/2018

Name: $\qquad$
SHOW ALL YOUR WORK FOR EACH PROBLEM TO GET FULL CREDIT. PLEASE BE NEAT.

Direction: Read through the section 7.5 in your book and answer the following questions.

1. Find on the internet where people use complex numbers. One example is enough.
2. A complex number is in the form of $z=a+i b$. So, why a real number is also a complex number?
3. Plot each complex number in the complex plane and then find the absolute value:
a. $z=3$
b. $z=-2 i$
c. $z=-1+2 i$
d. $z=3-i$

