Fundamental Concepts of Algebra

Spring 2015 Dr. Kracht

Name: ____

_Quiz Score: /20

Quiz 7: Friday, March 13, 2015

1. (10 pts) Prove that addition in \mathbb{C} is commutative. That is, if $z, w \in \mathbb{C}$, then z + w = w + z.

2. (10 pts) Prove that if $z \in \mathbb{C}$ with $\overline{z} = z$, then $z \in \mathbb{R}$.