

Clicker questions

Week 2 - Class 1

September 5, 2014

Question 1

Recall that $\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R}$. Where do the complex numbers \mathbb{C} sit in this chain.

A $\mathbb{Q} \subset \mathbb{C} \subset \mathbb{R}$

B $\mathbb{C} \subset \mathbb{R}$

C $\mathbb{R} \subset \mathbb{C}$

D Nowhere, they do not contain or are a subset of any of the above.

Question 2

What is the multiplicative inverse of i , where $i = \sqrt{-1}$?

- A i
- B $-i$
- C $1-i$
- D Complex numbers don't have multiplicative inverses like the real numbers.
- E Don't remember what multiplicative inverse was.