

A 1 PPM

Sets of numbers 8

C = \$ 1.2.3 . 5

N = \$ 0.11.2. _ 3

Z = Q = 2.1.0.1.2 - 3

Q = Rational numbers
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R = QUQ = MAE 3 Q Q = \$ \$ \$

New set of numbers & complex numbers $C = \{x + yi , x, y \in R \}$

O Conjugate

Ex. if a = 2+3:

Then conj of a = 2-3inth pull annot

Note 3. The sum of a number and it's conjugate is a Real number

get pure imaginary number from it's conj we when Multipliang the number and it's

Corjugate we get a Real number

@ Matrix

· size of Matrix (nxm) = (num of Rows x num of cols)

- Matrices are identecal when

every element in the Pirst equales every element in the 2 matrix

Addation and subtraction

Constrains 8 They wust be the same sixe

* addation properities



