Applied Statistics

Domain	Functions and Modeling	
Cluster	Explore expressions, functions, and models to describe numbers or relationships.	
Standard(s)	M.ASHS.14	Develop the concept of a complex number i such that $i^2 = -1$. Understand that every complex number can be written in the form $a + bi$ with a and b real.

Content Examples

Intro to the imaginary numbers

Powers of the imaginary unit

Intro to complex numbers

Understand complex numbers

Complex Numbers

Relevant Content

A Whole New Kind of Number

Vocabulary

» Complex number: Any number that can be written in the form , where and are real numbers and is the solution to the equation .

Assessment Links or Tasks

Complex number patterns:
https://tasks.illustrativemathematics.org/content-standards/tasks/722

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