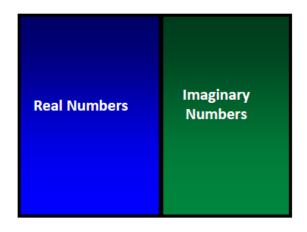
Complex Numbers



The set of all real and imaginary numbers

Complex Number

(Examples)

a ± bi

a and b are real numbers and $i = \sqrt{-1}$

A complex number consists of both real (a) and imaginary (bi) but either part can be 0

Case	Examples
<i>a</i> = 0	-i, 0.01i, ²ⁱ 5
<i>b</i> = 0	$\sqrt{5}$, 4, -12.8
$a \neq 0, b \neq 0$	39 – 6 <i>i,</i> -2 + π <i>i</i>