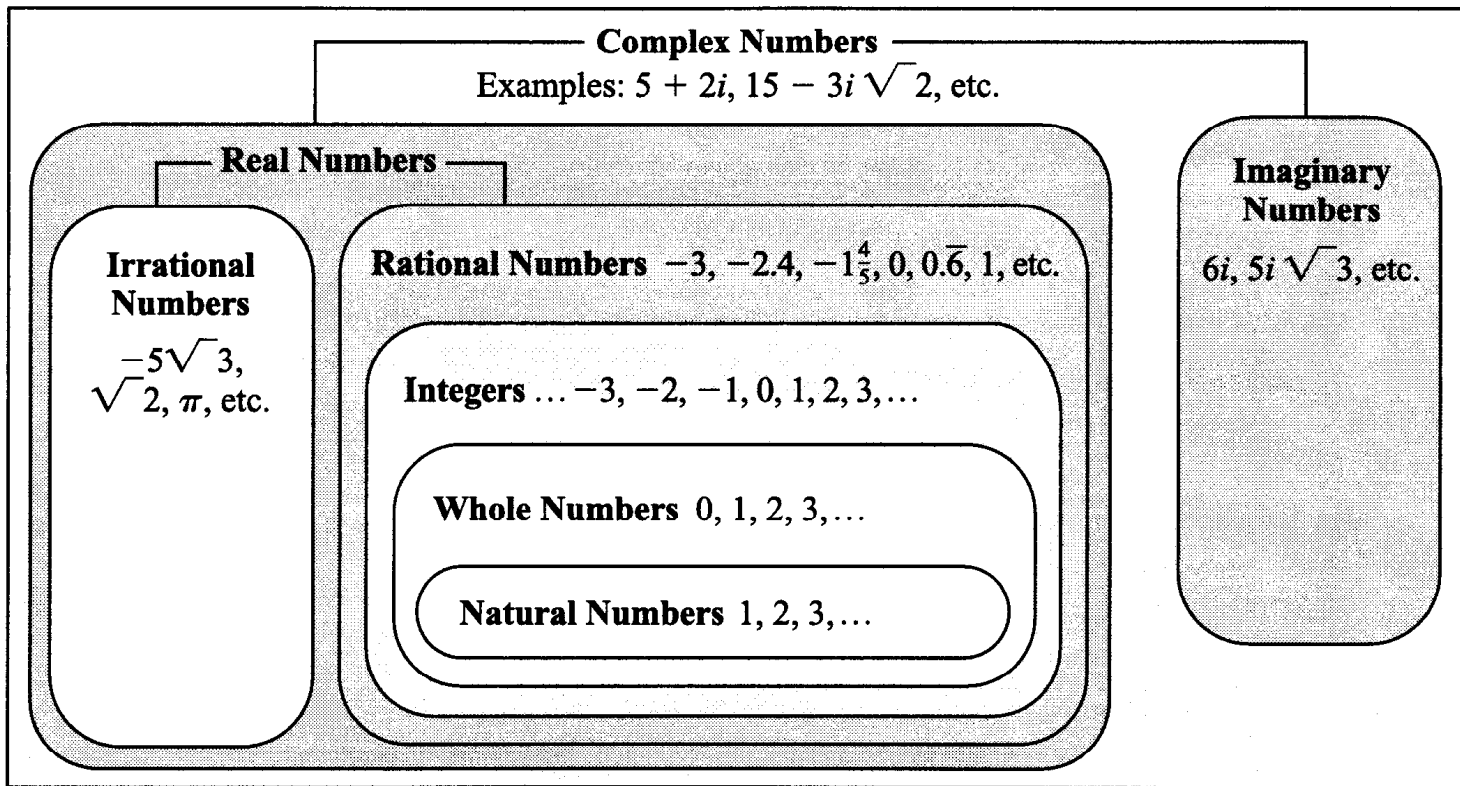


The following Venn diagram shows how the set of complex numbers contains both the real numbers and the imaginary numbers.



We can perform arithmetic operations with complex numbers. In general, we treat the complex numbers just like polynomials, where i is like a variable.