

# Number Sets

Natural Numbers: 1, 2, 3...

Whole Numbers: 0, 1, 2, 3... (Naturals & 0)

Integers: ... -3, -2, -1, 0, 1, 2, 3... (Whole #s & "opposites")

Rational Numbers:  $\frac{a}{b}$  where a is an Integer and b is a Natural Number (Integers, Fractions, and terminating or repeating decimals)

Irrational Numbers: decimals that do not repeat or terminate, such as  $\sqrt{2}$ ,  $\pi$ , e

Real Numbers: Rational & Irrational Numbers

Complex Numbers: Real & Imaginary Numbers and combinations.  $3$ ,  $4i$ ,  $5+7i$

