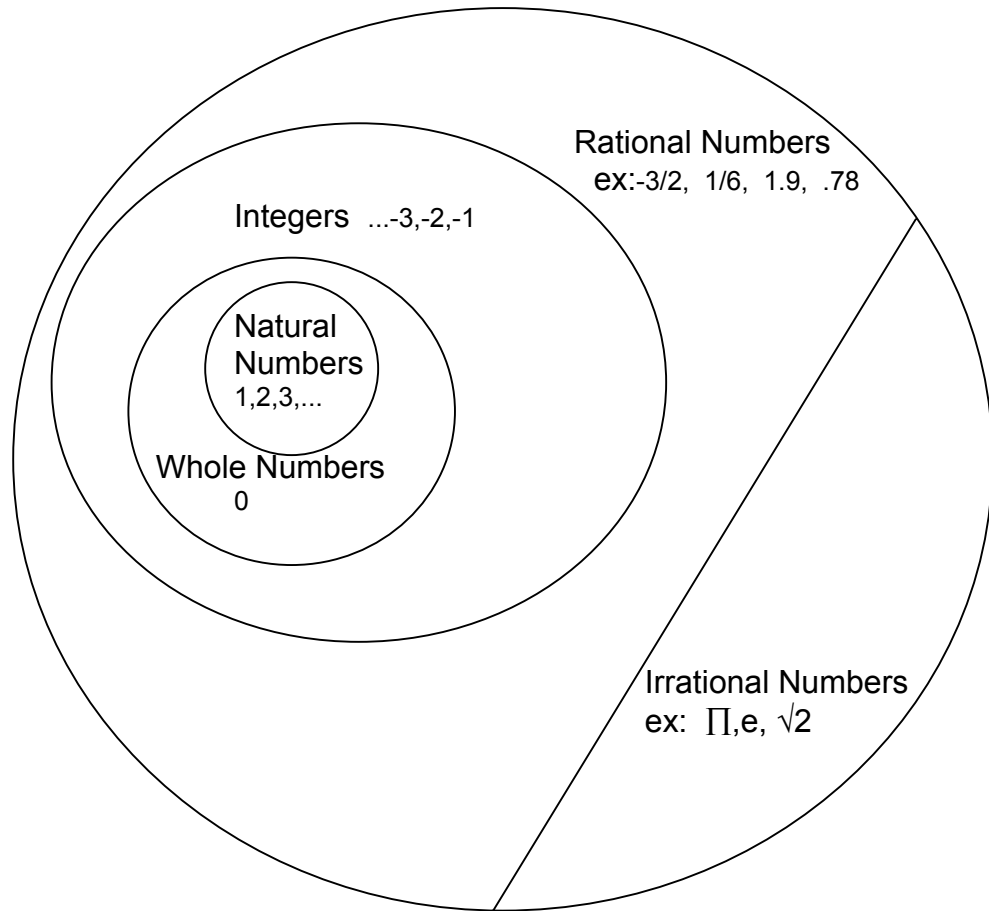


REAL NUMBERS



Natural Numbers (Counting Numbers) : $\{1, 2, 3, \dots\}$

Whole Numbers: $\{0, 1, 2, 3, \dots\}$

Integers: $\{\dots, -3, -2, -1, 0, 1, 2, 3, \dots\}$

Rational Numbers: $\{x \mid x \text{ can be written as } p/q \text{ where } p \text{ and } q \text{ are integers and } q \neq 0\}$

Irrational Numbers: $\{x \mid x \text{ is a number but not a rational number}\}$

Real Numbers: $\{x \mid x \text{ is a rational or an irrational number}\}$