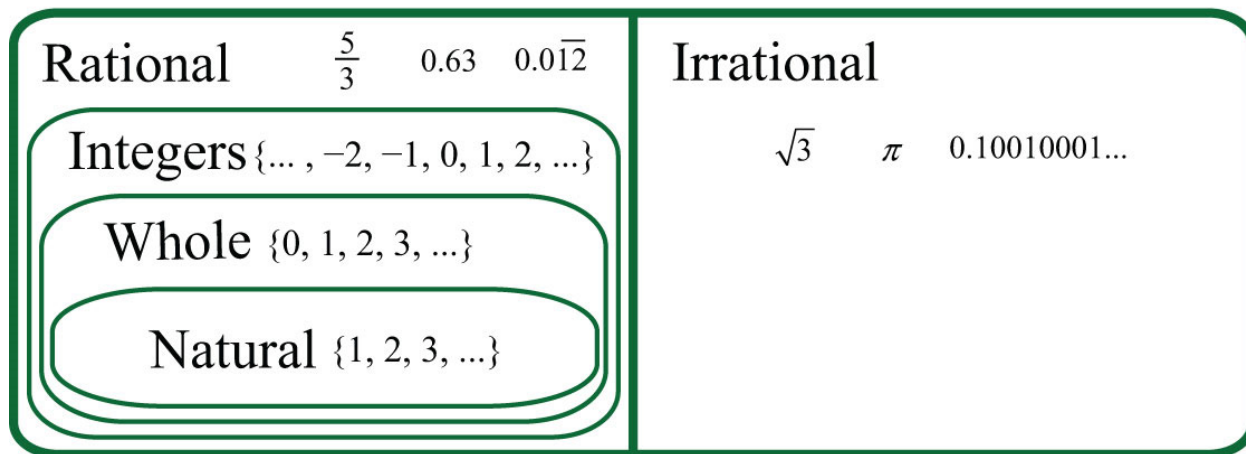


Real Numbers



NOTES: Numbers that we study in 8th Grade have to fall into 2 categories, Real or Not a Real Number.

Most of our numbers are Real Numbers, which are Rational or Irrational, cannot be both!

A) Rational Numbers

- Rational Numbers are fractions or decimals that terminate or have a pattern
- Integers are positive and negative whole numbers and include 0
- Whole numbers are 0, plus all positive whole numbers, no negatives allowed
- Natural/Counting number are positive whole numbers 1 and higher, no 0, no negatives

B) Irrational Numbers

- Irrational numbers are like pi, it is a number that cannot be written as a fraction
- Usually a never ending decimal that does not have a pattern and does not repeat