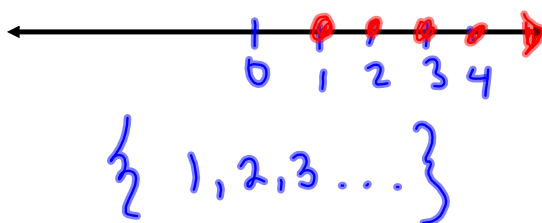
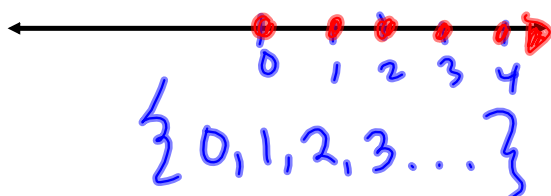


Natural Numbers

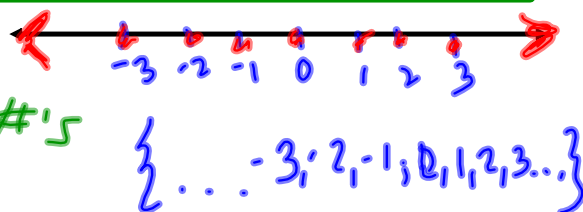
the counting #'s
starting w/ 1.

**Whole Numbers**

Counting #'s starting
w/ 0.

**Integers**

+ and - counting #'s
and 0.

**Rational Numbers**

FRACTION

$$\frac{10}{1}$$

- terminating (ends) $\rightarrow .25 = \frac{1}{4}$
- repeating $\rightarrow .\overline{3} = \frac{1}{3}$

Irrational Numbers

cannot be written as fractions

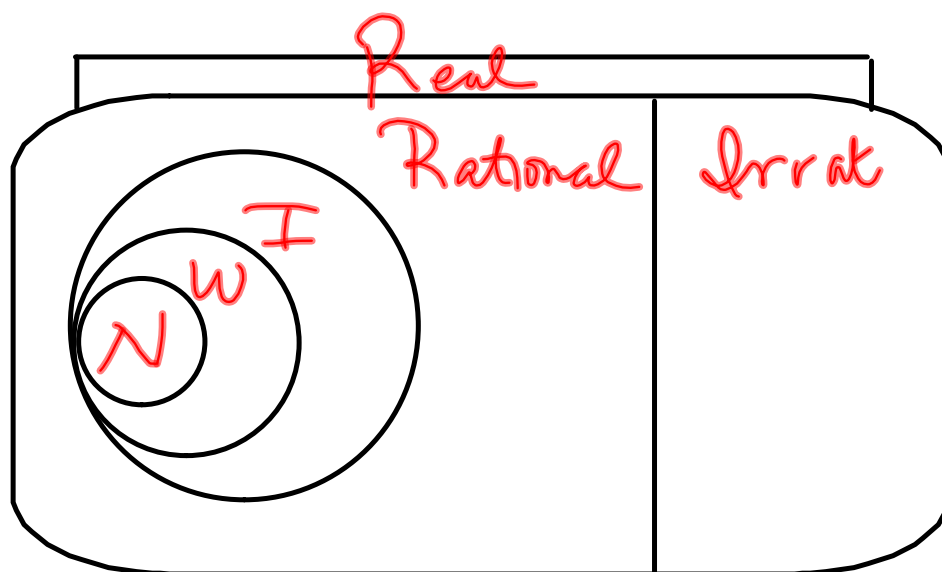
- nonterminating, nonrepeating dec.

eg) π ; $\sqrt{5}$.1234...

Real Numbers

all the #'s
we use (for now)





Are all whole numbers integers?

Are all integers rational?

Are all irrational numbers real?

Are all natural numbers whole?

Are all real numbers rational?

Are any rational numbers irrational?

What's the only whole number that is not natural?

Do you know what an imaginary number is? ★