

Important Information

Daily homework: Do it and **check** it!

Daily warm up: Copy them, do them, correct them, and **study** from them.

Weekly quizzes and tests: Actually **study** for these.

Useful Materials :

TI83, TI83+, TI84+ Silver Edition ,or TI84+ **graphing calculator** (you may borrow one from the math dept--1st come 1st served!)

Composition notebook

Graph paper

Pencils and eraser

A NEWish book will be checked out to you---\$100--**LEAVE IT AT HOME!!!**

You will need your graphing calculator by FRIDAY of week 2

Want to borrow one instead of buying???

Additional help is available at lunch on Mondays and Tuesdays or by appointment on other days.

ANY QUESTIONS???

AA2

Classifying Numbers

Rational numbers: any number that can be written in the form $\frac{a}{b}$, where a and b are integers. $\overline{.3}$

A rational number in decimal form is either terminating or repeating.

$$1.25 \quad \frac{5}{4} > \frac{1}{3}$$

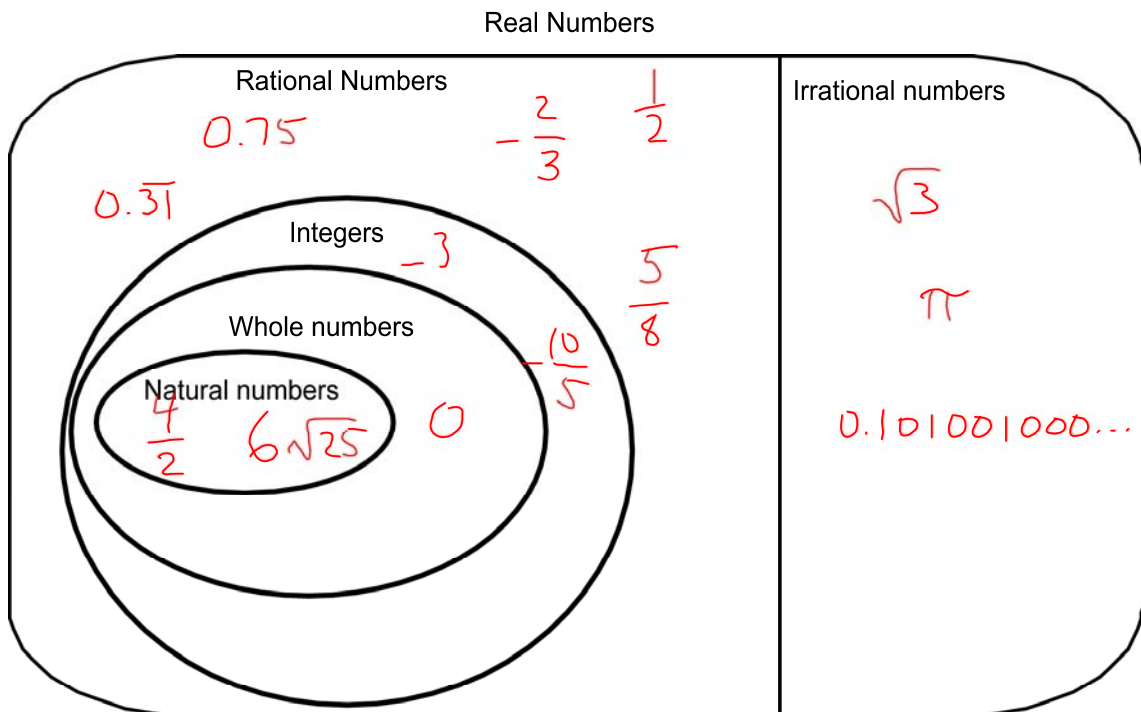
Natural numbers: 1, 2, 3, ... Also called the counting number

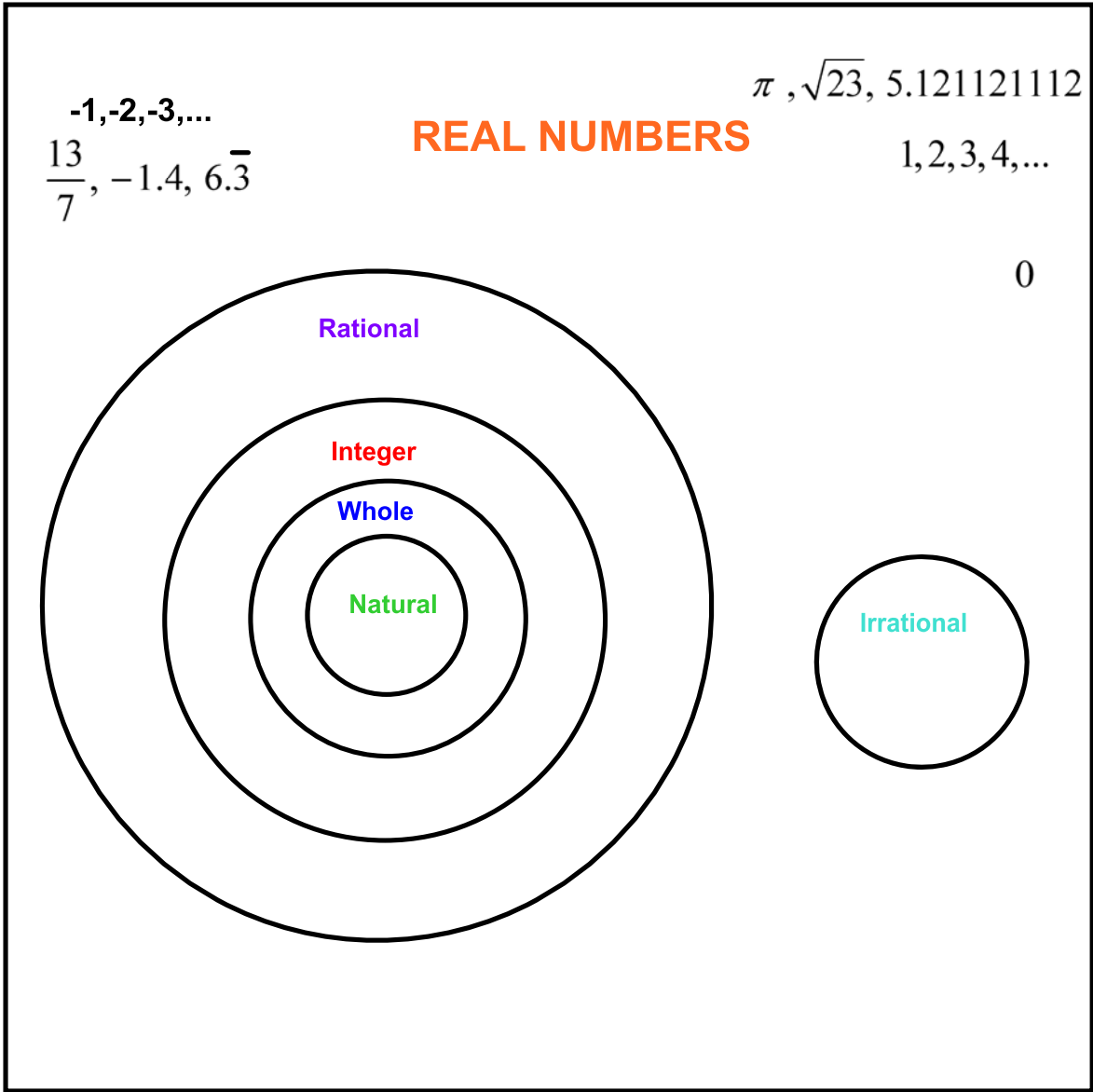
Whole numbers: 0, 1, 2, 3, ... The natural numbers and 0.

Integers: ..., -3, -2, -1, 0, 1, 2, 3, ... The positive and negative whole numbers.

Irrational numbers: any number that cannot be written in the form $\frac{a}{b}$, where a and b are integers.

An irrational number in decimal form is nonterminating and nonrepeating.





Properties

Commutative + **Commutative X**
 $A+B=B+A$ $A \bullet B = B \bullet A$

Associative + **Associative X**
 $(A+B)+C=A+(B+C)$ $(A \bullet B) \bullet C = A \bullet (B \bullet C)$

Identity + **Identity X**
 $A+0=A$ $A \bullet 1 = A$

Inverse + **Inverse X**
 $A+(-A)=0$ $A \bullet \frac{1}{A} = 1$

P.14

Distributive Property
 $A(B+C)=AB+AC$

**Multiplication Prop
Of Zero**
 $n \cdot 0 = 0$

**Multiplication Prop
Of -1**
 $-1 \cdot n = -n$