

Real Number System

Mrs. Stark

A series of horizontal stripes in various colors (yellow, green, blue, dark blue, orange, red, white, light green) running across the bottom of the slide.

THE REAL NUMBER SYSTEM

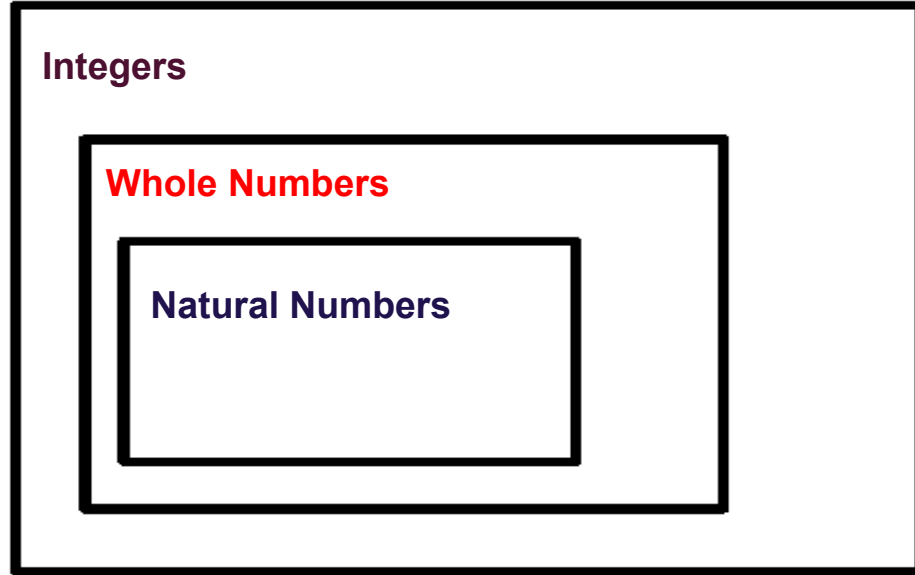
Rational Numbers

Irrational Numbers

Integers

Whole Numbers

Natural Numbers



Irrational Numbers

- ❖ Cannot be written as a ratio of two integers
- ❖ Non-Perfect Square roots
- ❖ Non-Terminating decimals

THE REAL NUMBER SYSTEM

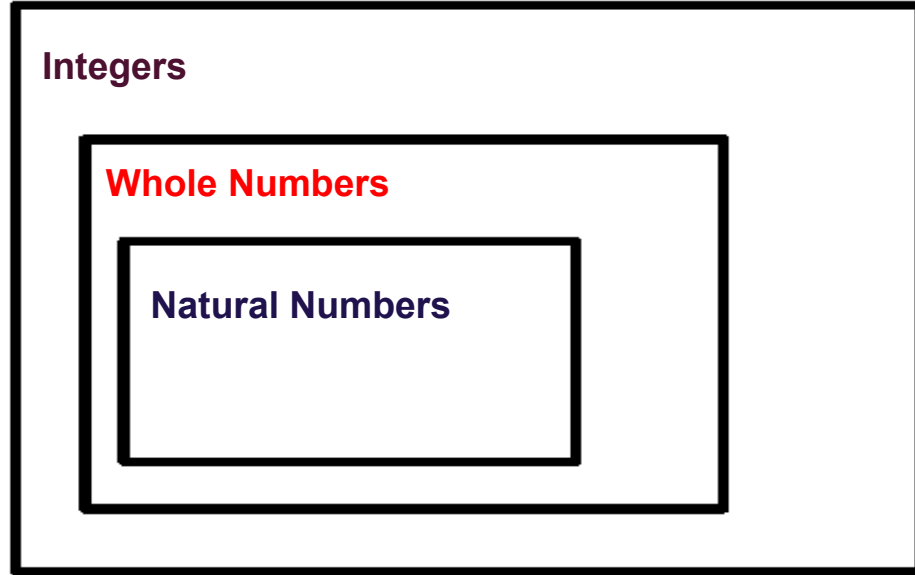
Rational Numbers

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Rational Numbers

- ❖ A number written as a quotient of two integers where the denominator is not zero.
- ❖ Fractions
- ❖ Repeating Decimals
- ❖ Terminating decimals
- ❖ Whole numbers

THE REAL NUMBER SYSTEM

Rational Numbers

Irrational Numbers

Integers

Whole Numbers

Natural Numbers

Integers

- ★ Non-decimal positive and negative numbers
- ★ Integers are Rational numbers and real numbers.

THE REAL NUMBER SYSTEM

Rational Numbers

Irrational Numbers

Integers

Whole Numbers

Natural Numbers

Whole number

- ★ Positive non-decimal numbers
- ★ Whole numbers are Integers, rational numbers, and real numbers.

THE REAL NUMBER SYSTEM

Rational Numbers

Irrational Numbers

Integers

Whole Numbers

Natural Numbers

Natural number

- ★ Positive non-decimal numbers not including zero.
- ★ Natural numbers are Whole numbers, integers, rational numbers and real numbers.