Calculus 1 lecture 25.9.2015

Definition of calculus:

Infinitely small analysis

Calculus is for continuous physics, biology, economics, etc.

Number theory:

Whole numbers

Natural numbers

Primes

Calculate the largest prime

Rational numbers 0.734734734734(734)

Irrational numbers (chaos, surd, absurd, pi, e)

Linearity:

Linearity principle in calculus

Linear approximation

Continuity:

Functions:

Algebraic

Transcendental

Limit:

Infinitely small

Games about numbers, limits