discrete mathematics

based on the set N (natural numbers)

continuous mathematics

based on the set R (real numbers)

CONTINUOUS FLOW OF NUMBERS
INFINITESINAL GAPS BETWEEN NUMBERS

WE HAVE DIFFERENT? (PROBLEMS AND
DIFFERENT TECHNIQUES

MOST IMPORTANT TECHNIQUE:
INDUCTION/ PECURSION

CAZCULUS

why discrete math?

Computers are finite objects

- (1) they have a finite memory
- (2) they can only work for a finite amount of time
- (3) the way computers deal with number is inherently discrete (computers work with very few numbers)

