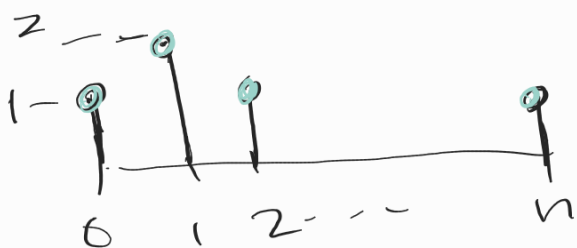| Discrete Math	Continuous Math
(digital)	(analog)

The mathematics of countable sets.
(eg. the natural #s $\mathbb{N} = \{0,1,2,\cdots\}$.)

- Graph Theory
- Combinatorics (counting)
- $\sum$ (sums)

- Logic
- Discrete Fourier Transforms (DFT)
- Digital signal processing
- Logic gate

The mathematics of uncountable sets.
(eg. the unit interval $[0,1]$)

- Calculus
- Functional Analysis
- $\int$ (integrals)

$$area = \int_0^1 f(x)\,dx$$

- Harmonic Analysis
- Fourier Transform (FT)
- Analog signal processing
- potentiometer

- throttle or gas pedal