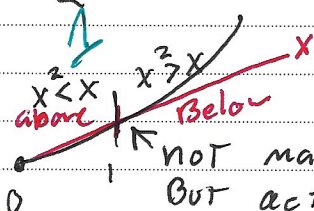


$x^2$  is less than Input

$x^2$  is greater than Input



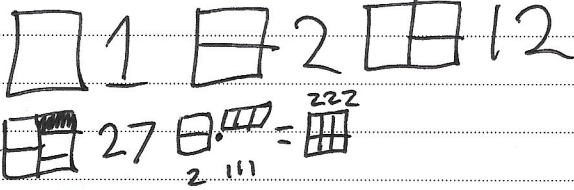
$$0 \leq R \leq 1$$

not mathematically significant "different math Universes!"  
But acts like inflection point

Inconsistencies when  $\infty$  added to reals. R should be between 0 and 1. prices of something larger.

$\mathbb{N}$  naturals  
 $\mathbb{Z}$  Integers  
 $\mathbb{Q}$  Rationals } Abstractions created by humans to organize and understand the universe.

Geometric math



Metric Time:

every measurement fraction of universe instead of pixel.

$$1 \text{ Year} = 1 \text{ Universe} / 14.7 \text{ billion}$$

$$1 \text{ human} = 80 \text{ Y}$$

$$1 \text{ Day} = 1 \text{ Y} / 365$$

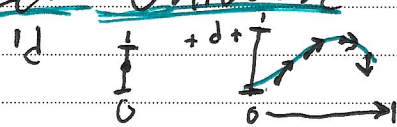
$$1 \text{ Hour} = 1 \text{ D} / 24$$

$$1 \text{ Minute} = 1 \text{ H} / 60$$

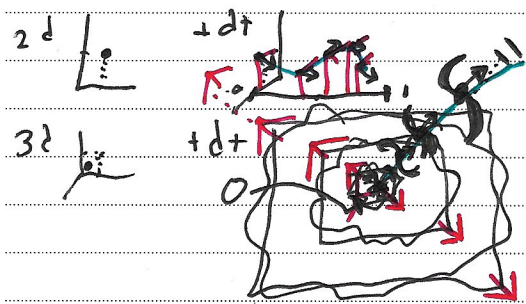
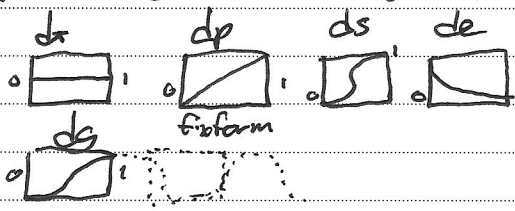
No Finite resolution

$$1 \text{ plank} / 10^{100}$$

time should follow a sun dial approach, not an hourglass full of human defined grains.  
Let universe tell time.



Forces take on familiar shapes.



The reals are for subdividing and organizing our universe. In order to do that effectively the universe must be generalized.  $\frac{RV}{RV} = 1$

