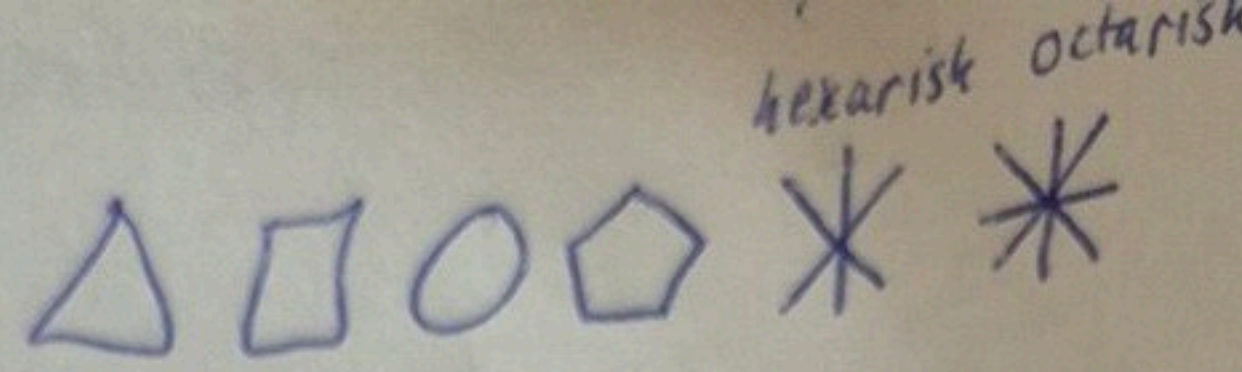


FAH



hexarisk octarisk

pentagon

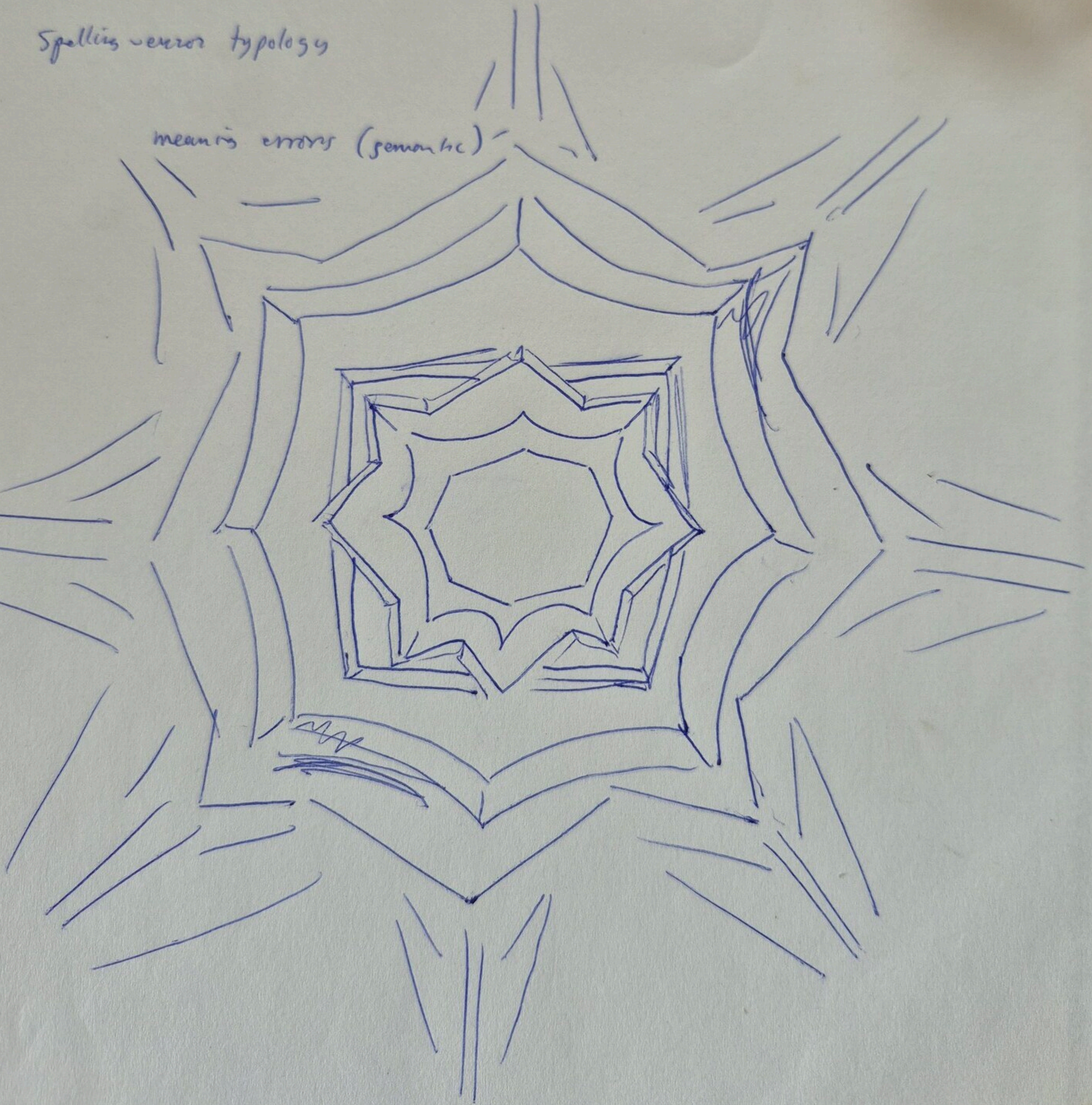
hexadecarisk



grammar rules

Spelling error typology

meaning errors (semantic)



# Observations about being human.

Human beings sweat a lot.

Clothing is only partially effective.

Glasses should not touch the face.

Organize Flashcards -

vocabulary lists

pdfs

images

screenshots

files

facebook posts

chrome bookmarks

youtube playlists & likes

goodreads

emails

github pages

languages

vim

emacs

julia

python

R

shoes - for walking

shirts (under-arms)

pants

all need a complete redesign;

thermoregulation  
membranes

regulation,  
and

body fluid  
reclamation/  
processing.

Dinosaur / chicken  
tail like

oviparous ~~(is)~~  
diaper

pink

light red - Quarkon

dark red - Electron

light orange - Lepton

dark orange - Fermion

light yellow - Photon

dark yellow - Gluon

light green - Meson

dark green - Boson

light blue - Proton

dark blue - Neutron  
(aged 14 billion years)

light indigo - Baryon

dark indigo - Hadron

light violet - Atom

dark violet - Molecule

Unit cell

Crystal Lattice

Microbial

Megalobial

Gaiama

Technium

Tellus

Gaiaselene ← earth-moon system

Solarum ← solar system

Perinebula ← local fluff

Perivacua ← local bubble

Oriocynobracchio

Galacton ← Galaxy

Proxima Systordel ← local group

Virgo Supercluster

Laniakea Supercluster

Pisces-cesus filament

(cytosis)

randomized  
ising sync  
"neurons" — parapsychism

micro life ← invisible life (too small)

macro life ← visible life

textural markup ~~language~~  
interface

random fuzz



ocularum



CMB dipole



wombborn

(aged 14 billion years)



lamphron

amber

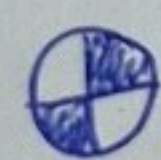
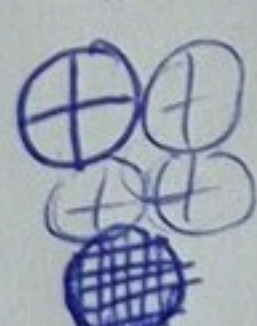


dark matter

(dark) green

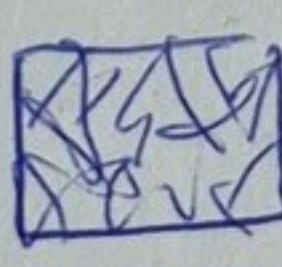
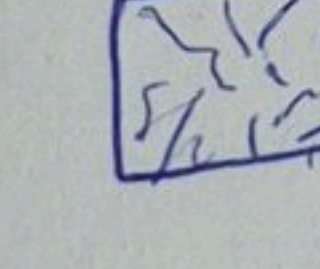
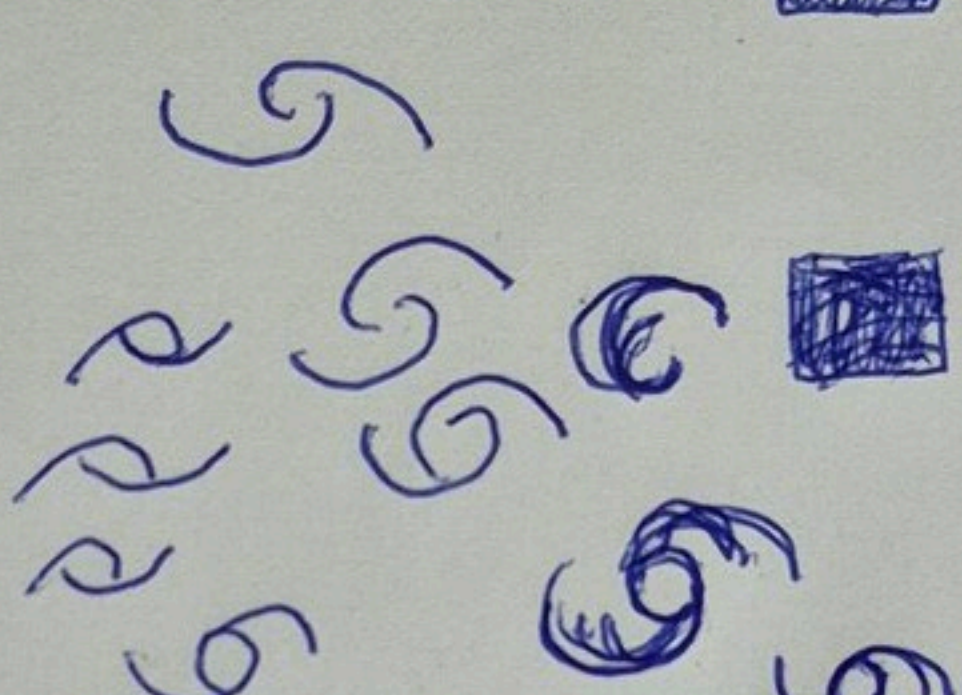


lamphrodys

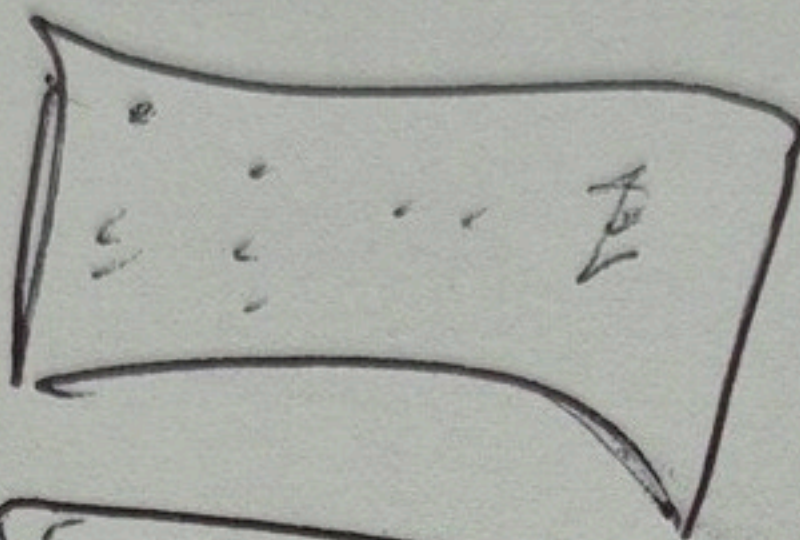


pink

Granita



exo



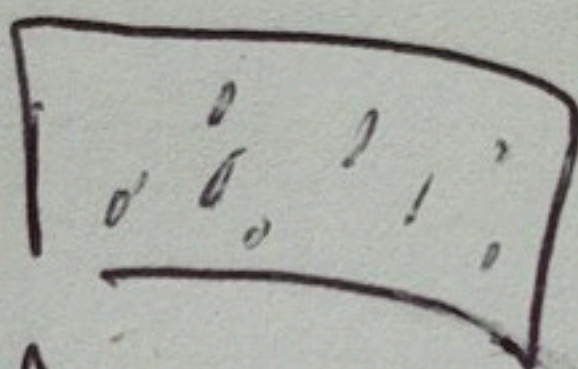
10,000

thermo



690

meso



85

strato



50

Spheres

tropo



12



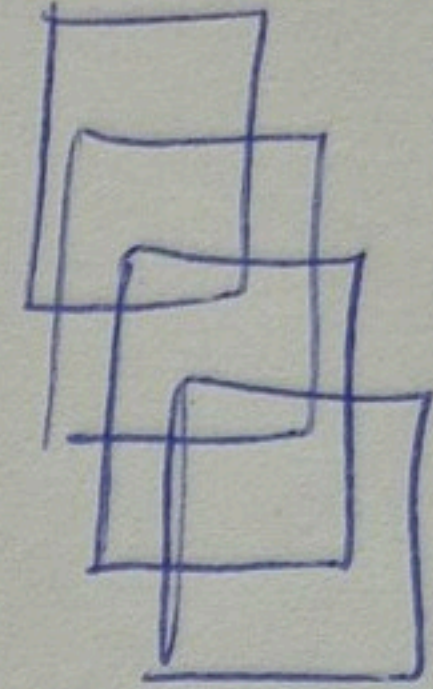
# Tier one projects

programming visualizer

## Chatbots

musical language  
}

github explorer



dimensional layered paintings

python

nltk

julia

rhizomatic  
mux maps  
↓

R

release schedule  
↓

thematic ordering

rhizomatic  
mud maps

dry socks  
"dry" toilets

NFTS

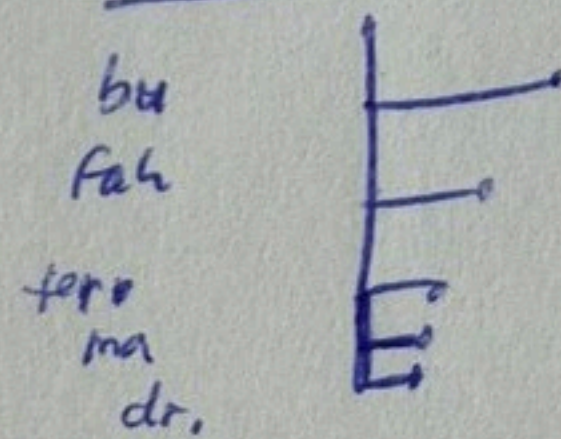
blockchain

hyperledger fabric

Microbial-lathes

## Haploproxi?

pseudalphabets



block universe  
forkable action hierarchies  
terraformation  
mass accelerators  
dimensionality reduction

alphabets

bufah termq dr.

All  $WL_i$  (world lines) project many-to-one onto the same irreversible event history

$WL_1$     $WL_2$     $WL_3$     $WL_4$     $\mathcal{H}$ .

$WL_1$	0	$T_{12}$	x	$T_{14}$
$WL_2$	$T_{21}$	0	x	$T_{24}$
$WL_3$	x	x	0	x
$WL_4$	$T_{41}$	$T_{42}$	x	0

0 = identity

$T_{ij}$  = admissible traversal operator

x = forbidden (constraint violation)

-sp-rs-l-nd

~~to~~ Laser wars

A barefoot jaywalk.

~~No duh!~~ Use your  
noodle

Yeah but no.

No but yeah.

<sup>eponyms</sup>  
~~Haplopraxis~~

Galactromeda

Babelverse

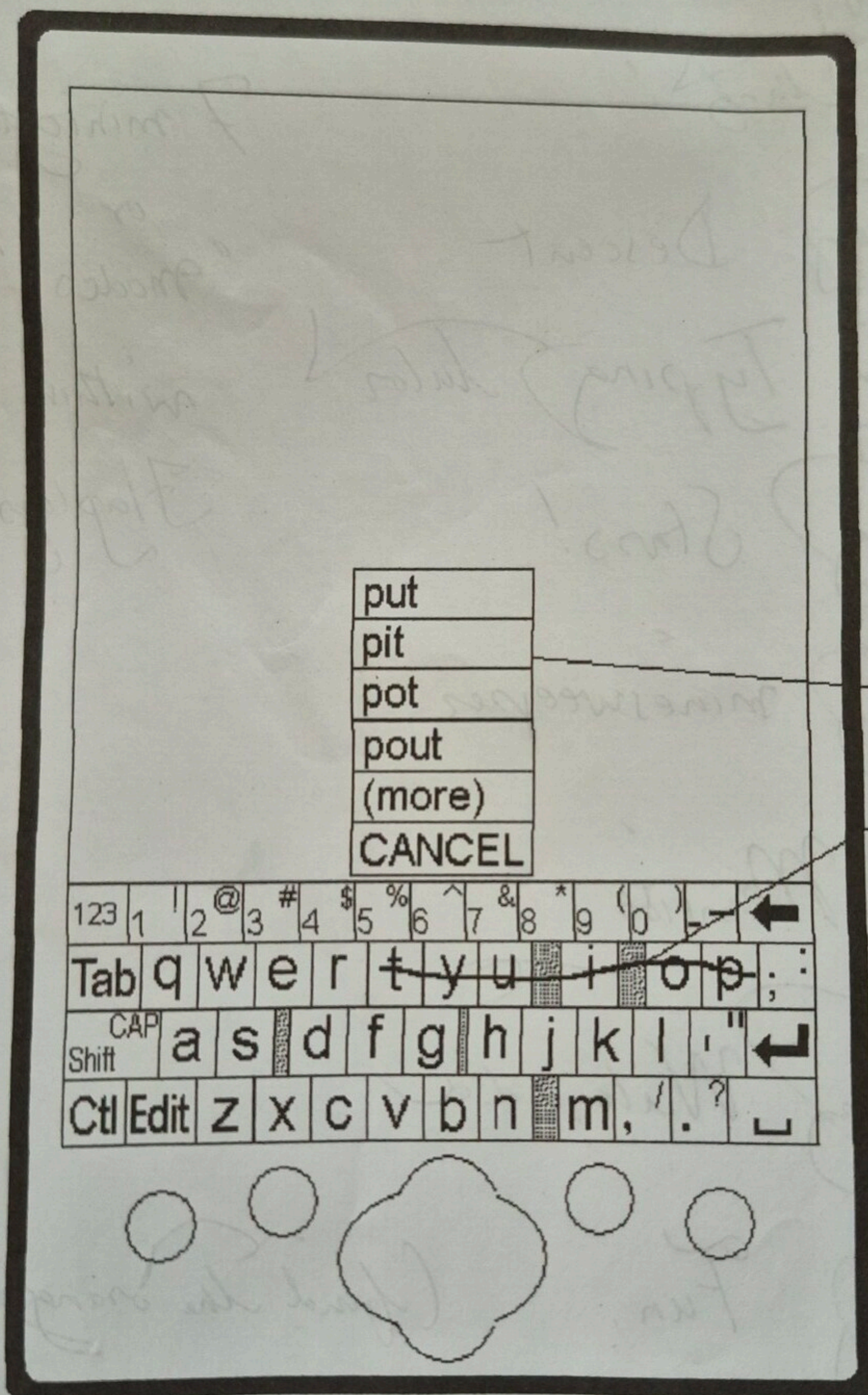


FIG. 4A.

Things I know about myself:

I could spend hours and hours every day  
doing these things:

- Playing Descent

- Playing Typing Tutor

- Playing Stars!

- Playing minesweeper

- Using Memrise

- Surfing Wikipedia

- Having Fun. (find the orange dot.)

7 minigames

or  
"modes"

within

Flaploypaxis

So, I need ~~to~~ to find a way to  
do these things in a way that makes me  
learn new things, and be more productive/prolific.

# Report generator

User survey:

- How was your stay in universe

Qxxxxxxx ?

- How random was it?

Wikidata identifier

- How ugly/beautiful?

- Encrypt or broadcast?

You rate the universe, and the game gives its rating on your robotcity

Score: Not a robot? Autoclicker? Humanocentric value? Depth perception? Age?

Moot-point generators

biz bang  
heat death

effective  
immortality

rocket-less transportation

disruptive  
system

logic

enthymeme

computer programming  
system engineering

sorting

kitbashing

zetteteaching

astronomy

physics

chemistry

biology

psychology

sexology

geology

24 hr  
Bodycams

Permanent  
Compulsory  
Education

~~Full-length~~  
life video generator

TQ test

resource-based  
economy

useful video game  
&

global  
warming

sea level  
rise

object-recorder

history

reading

writing

editing

Test & mine  
Simplification

book  
generators

X-ray vision

new clothing

new meat

violence  
accountability

consciousness

~~Imagination~~  
Imagination

(imagination reading device  
with a very simple interface)

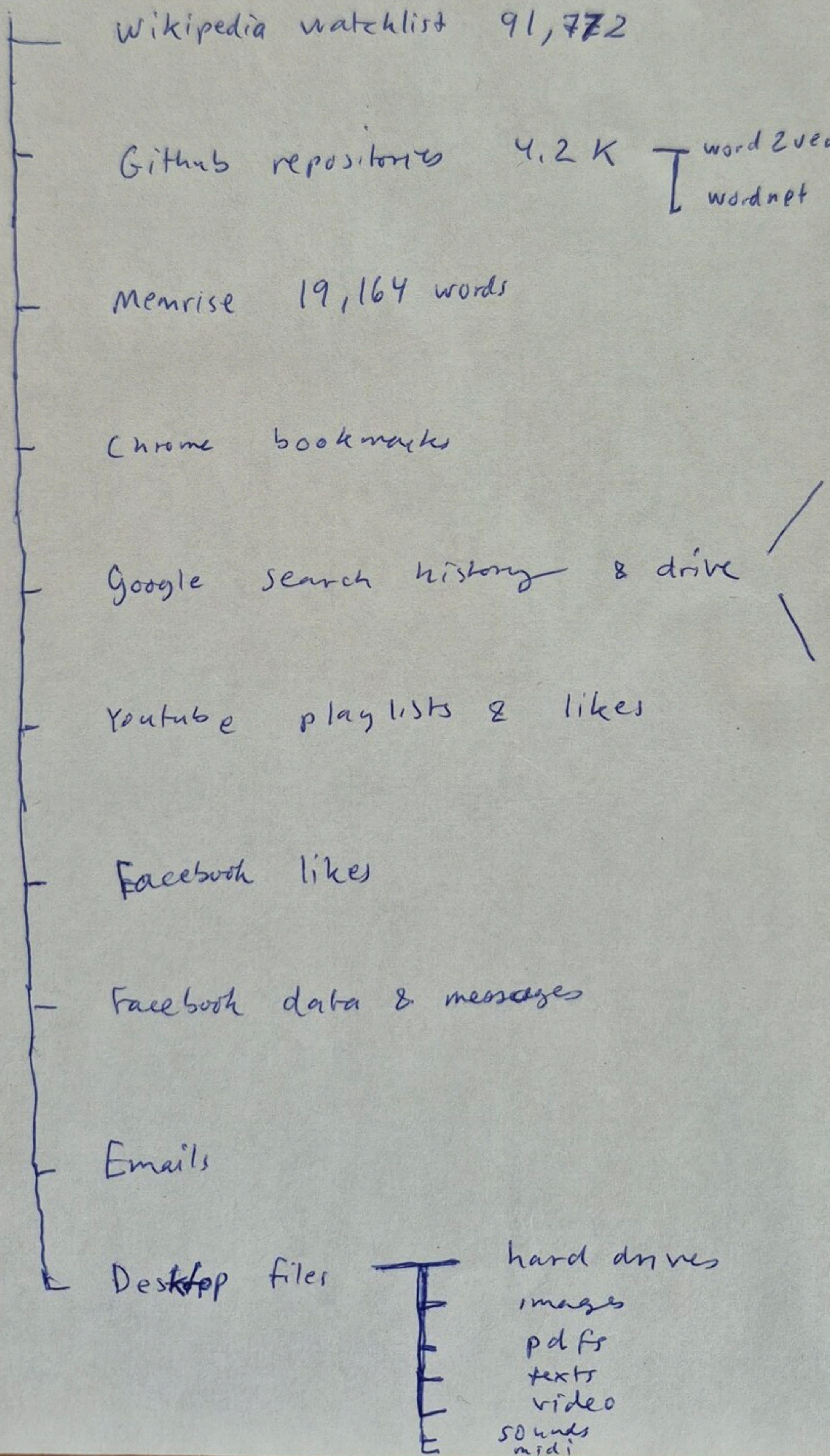
mind-reading device

Reconnoiter vs. Utilize

Recon vs. Use

Explore versus Exploit

### Zettelkästen



### Physical

- books
- paintings
- flashcards
- photographs
- notes

other cloud repositories

sign language interpreter

object permanence

& math

dark void identifier

- object labels &
- % certainty

organize knowledge

redesign doing

transportation

freely available

free energy

rocketless space

travel

determine intelligence,

age, knowledge level, skill level

report errors, verify estimates, submit

pull requests, all the way down

understand time & relativity

re-engineer the human body

Objective bifurcates

1st objective

difficult

Single player to space mode

- machines only
- animals & homonids
- homonids only
- animals only

team to space

2 - 20 <sup>virtual</sup> players

easy

multiplayer team to space

2nd objective

build a dyson sphere

3rd objective

build a galactic core explorer

4th objective

Achieve <sup>near</sup> light speed

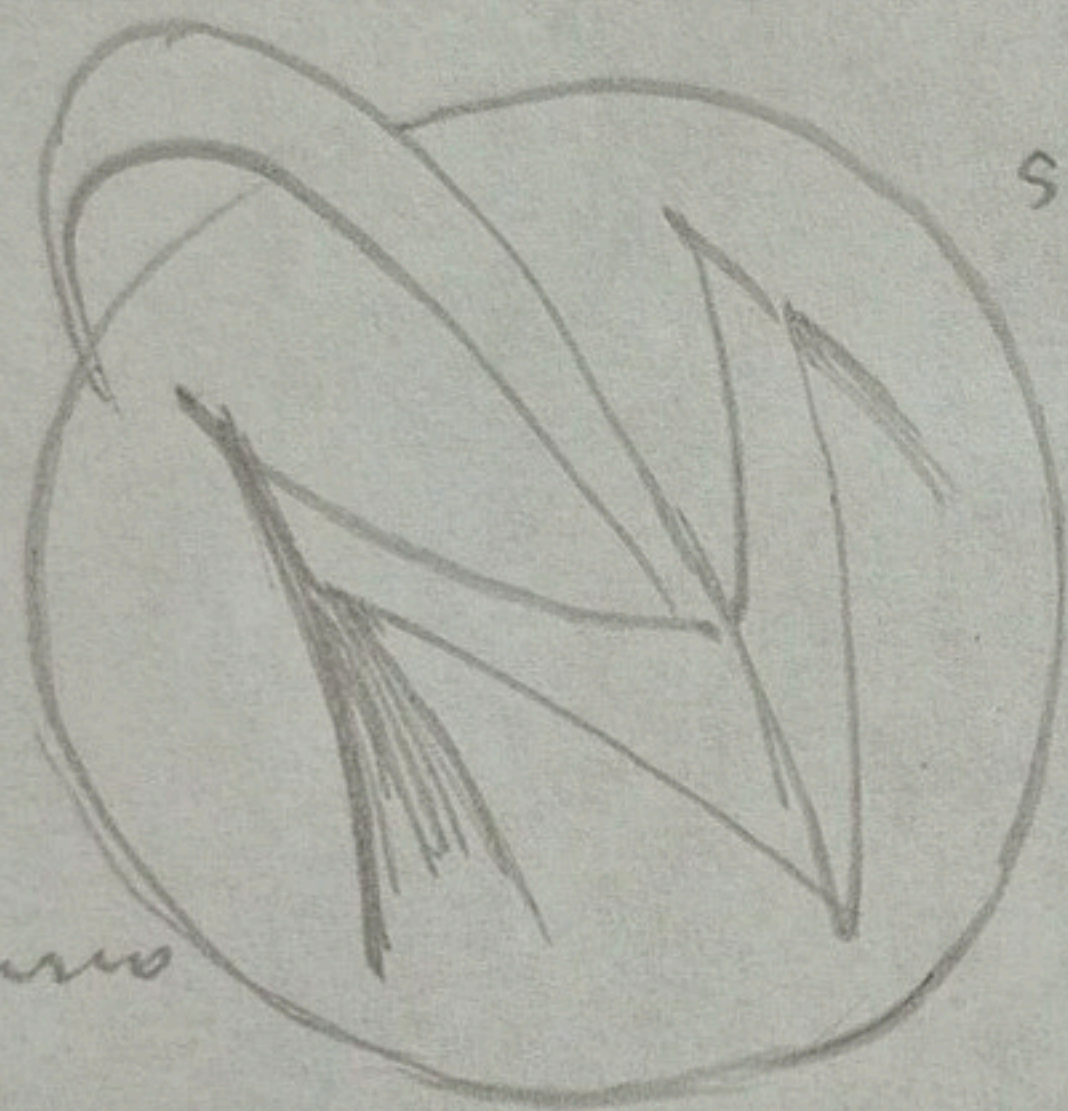
# Typlopraxis

based on

tetris	stars!
minesweeper	descent
typing tutor	age of empires
Spaced repetition system	& organizer

• standard galactic alphabet

- 1 - SGA -
- 2 - LOP
- 3 - Logico-Philosophicus -
- 4 - Printed Latin (PL) -
- 5 - Cursive (Latin)



illustris  
virtutis mensura

6 - Idiosync

hand printed

Phoenecian	28
Greek	24
Latin	26
<del>English</del>	26
Arabic	28
LP	26

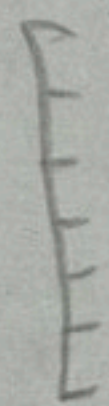
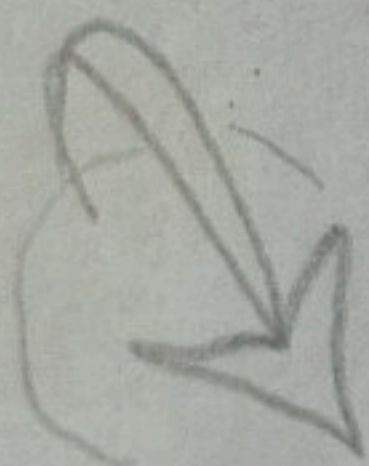
W + M + N + Z  
bang

< >  
bra ket

- mnemonics
- ergonomics
- consistency
- helpfulness

Space maze

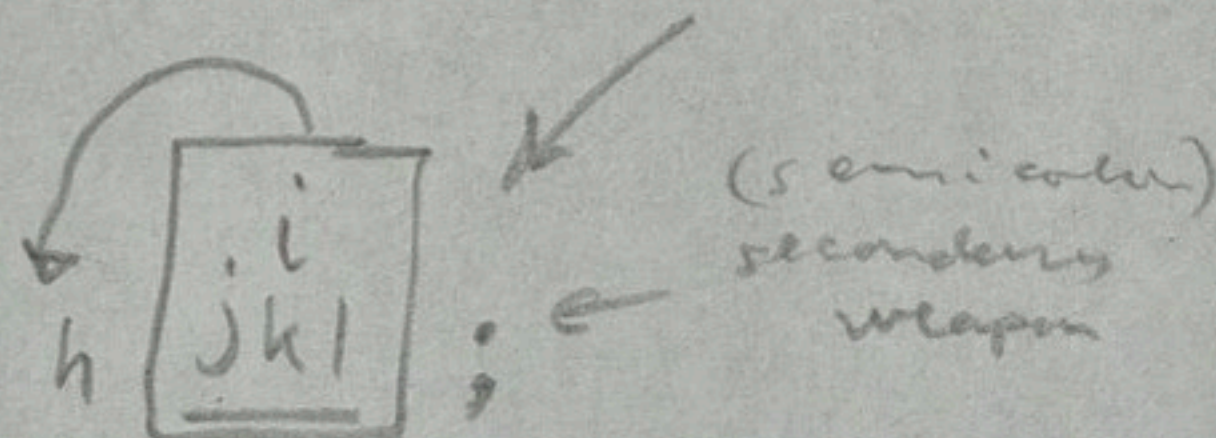
Spacemaps keyboard shortcuts  
Space keyboard shortcuts



increase altitude

hinsert  
Hinsert (h is silent)

hijkl is in correct



more home keys!  
why?

jump left  
leap right  
leap one letter right  
klimb down

Wikipedia

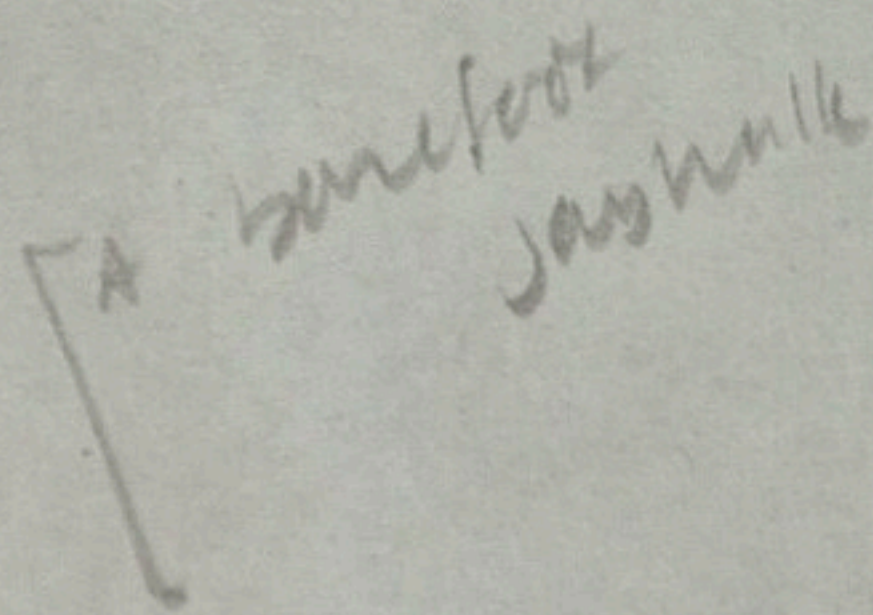
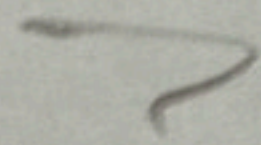
pages to make

Standard Galactic Alphabet

Last Shelter: Survival

Pluto notebooks

reach for the stars



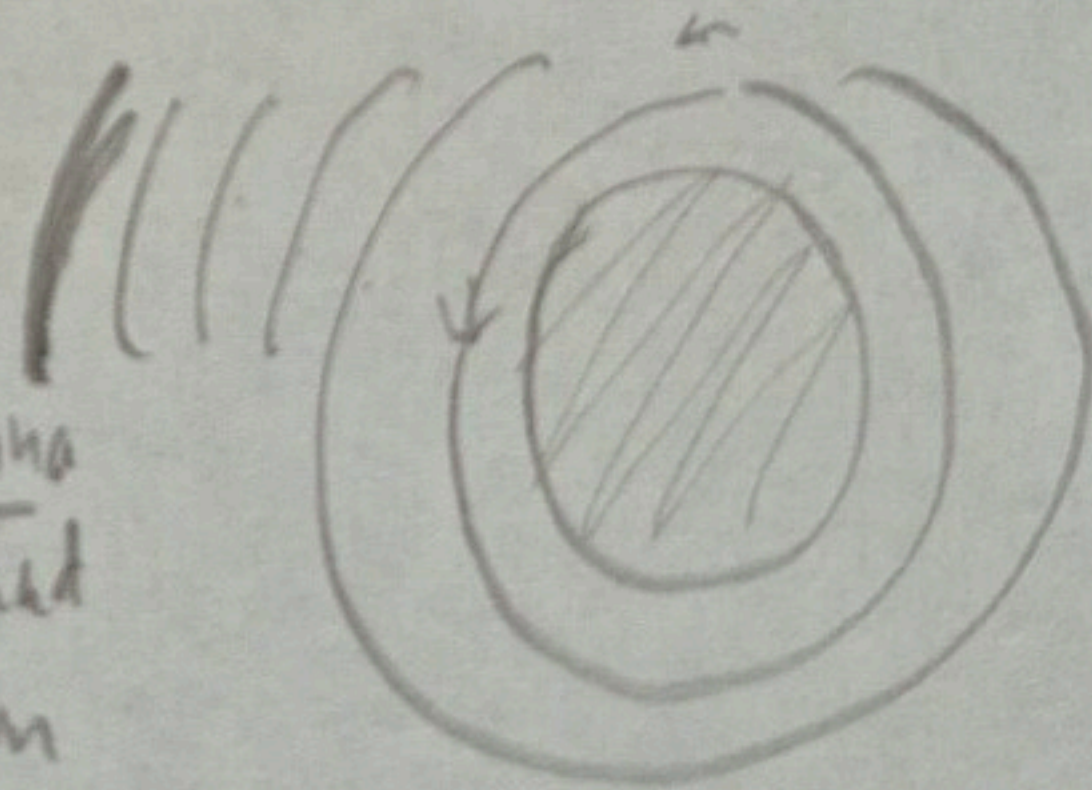
galactic filament clock

24 hour repeating cycle (spiral)

rotates once per day

clear (layers)

2<sup>nd</sup> alpha  
up and  
down  
in brightness  
almost  
imperceptible



modified,  
but not saved

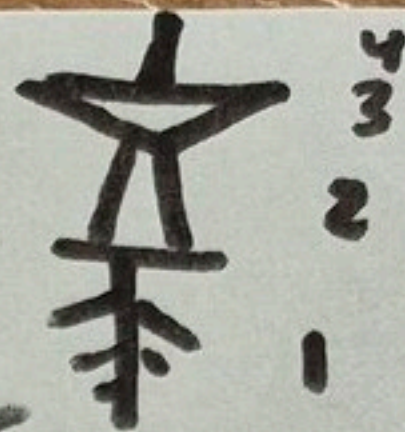
D	A	W	La
R	E	♂	Le
T	I	♂	Li
♂	O	♂	Lo
♀	U	♂	Lu
i	V	♂	Lv
S	Ga	♂	Ma
♂	Ka	♂	Ma
♂	Ge	♂	Me
y	Gi	H	Mi
A	Go	♂	Mo
J	Gu	y	Mu
E	Gv		
♂	Ha	♂	Na
P	He	♂	Hna
A	Hi	♂	Nah
H	Ho	♂	Ne
I	Hu	♂	Ni
♂	Hv	♂	No
		♂	Nu
		♂	Nv

T	Qua
♂	Que
♂	Qui
♂	Quo
♂	Quu
♂	Quv
♂	Sa
♂	S
4	Se
b	Si
♂	So
♂	Su
R	Sv
♂	W
♂	Ta
♂	De
♂	Te
♂	Di
♂	Ti
V	Do
S	Du
♂	Dv

♂	Dla
♂	Tla
L	Tle
C	Tli
♂	Tlo
♂	Tlu
P	Tlv
G	Tsa
V	Tse
♂	Tsi
K	Tso
J	Tsu
♂	Tsv
G	Wa
♂	We
♂	Wi
♂	Wo
♂	Wu
♂	Wv
♂	Ya
♂	Ye
♂	Yi
♂	Yo
♂	Yu
♂	Yv



# [Construct a Tetraorthodrome]



Goal #1 Build a computer  
from scratch

Microgoal #1.1 Do not touch  
the letter g.

g =  
(global  
reset  
for  
all players)

- #1.2. Learn to type.
- .3 Learn to read.
- .4 Learn to fly.
- .5 Learn to control  
time.
- .6 learn logic gates
- .7 learn vector space

Goal #2

Fix the ecosystem

Goal #3

Create an intelligent  
machine.

- #2.1 Learn artificial  
intelligence
- 2.2 Learn bayesian  
reasoning
- 2.3 Learn deep learning.

Goal #34

Create a living organism  
from scratch.

BFO (Basic Formal Ontology)

symbol recognition training

Memrise

typing tutor

subtitle correction

Wikipedia

recaptcha  
mechanical  
turk and  
multilevel  
perception

minesweeps

Map of the  
universe

stars!

tetris

descent

Haplopraxis

Todo:

SGA

add

greek &

coptic

start

enlarging

the letters

Show

greater

disparity

between

Capital

&

Lowercase

Figure out the start menu font =

Ignore

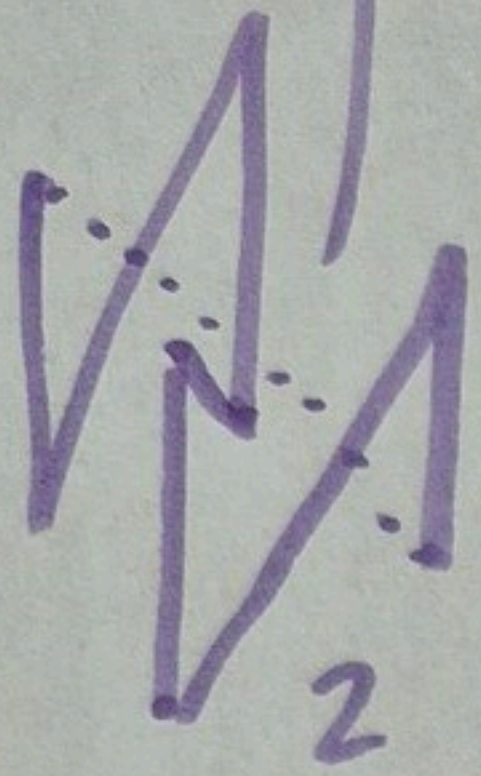
See wikipedia

Pleiotropy

shortest path



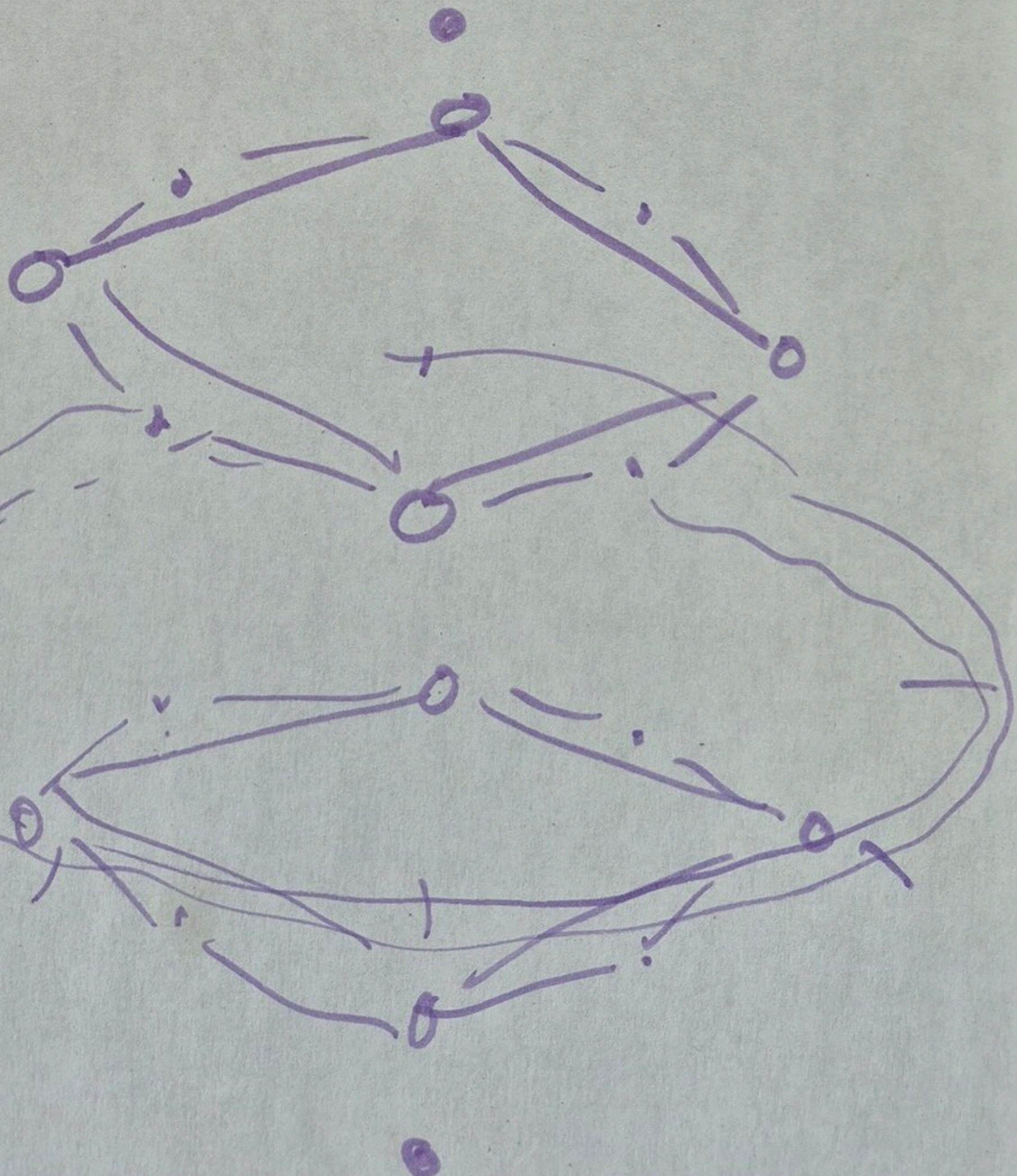
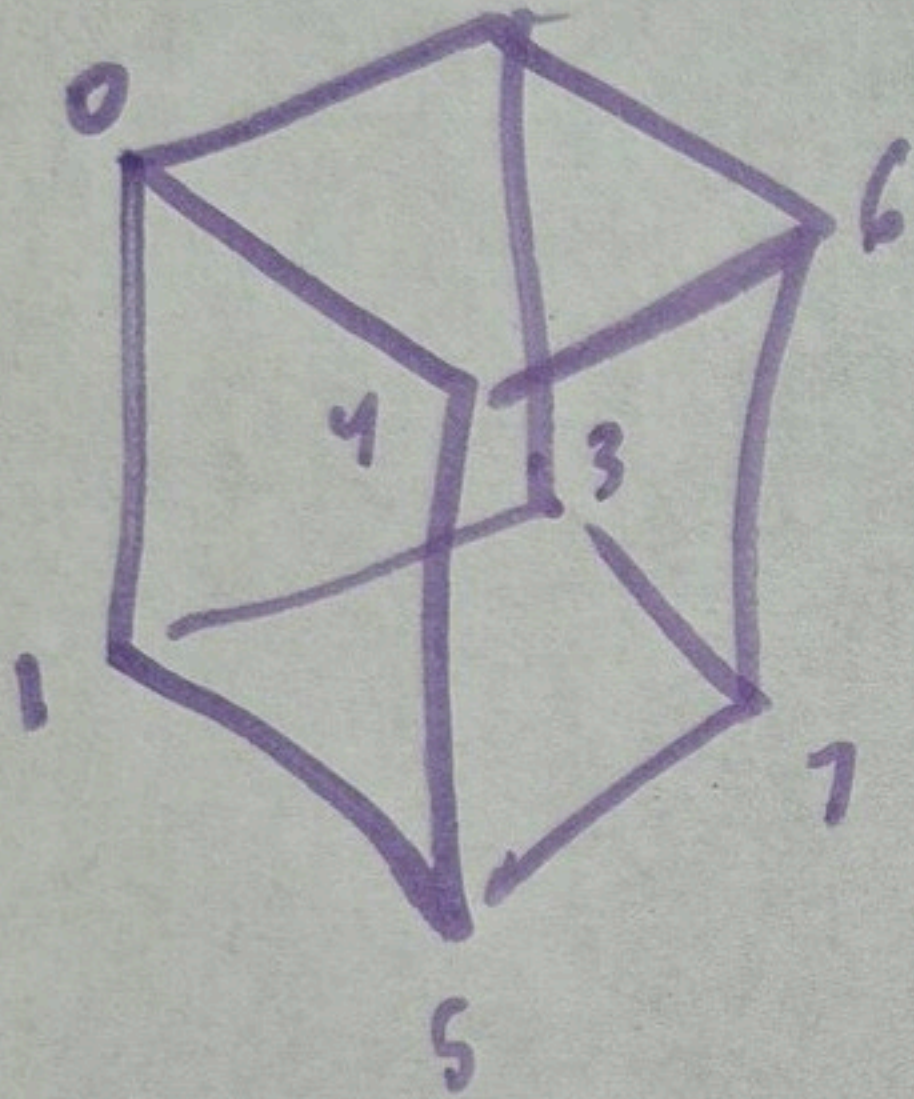
← IDE/Desktop



longest path



↑ redshift indicator



$$\begin{array}{r}
 4 \\
 8 \\
 16 \\
 + 8 \\
 \hline
 = 24 \\
 + 2 \\
 \hline
 26
 \end{array}$$

A better way to "parse" photographs:

Platonic Heaves

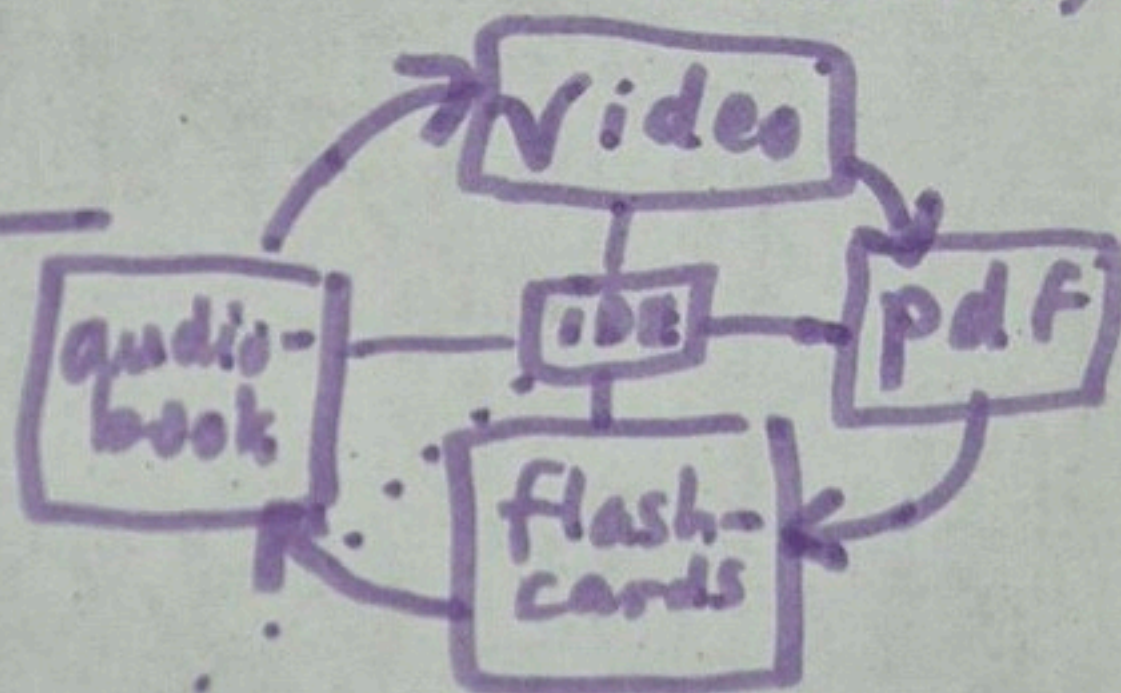
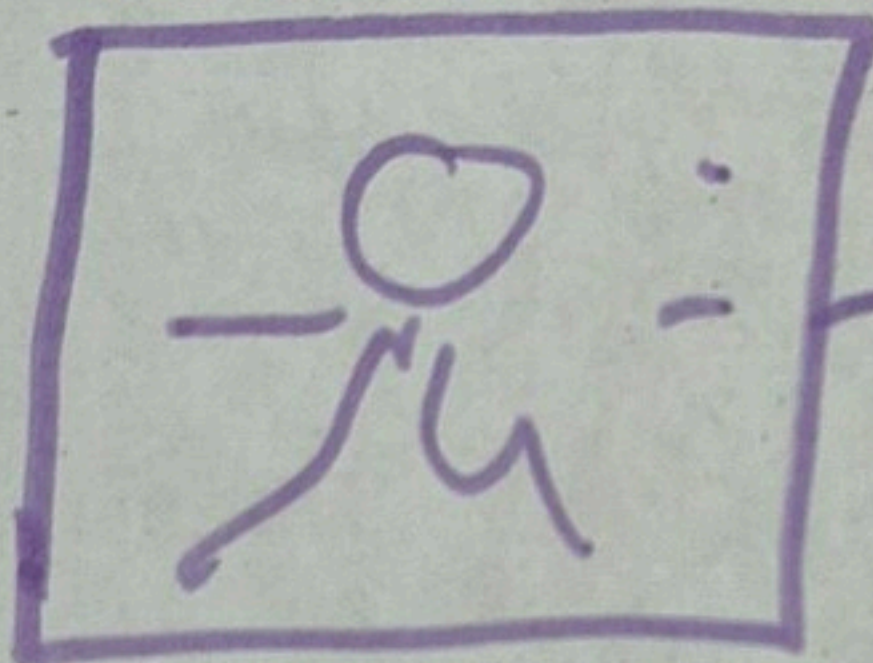
Sparse kitbashing

layered liquid-rescale level of detail reduction environment mapping

"object" recognition

(best guess, next best guess, etcetera.)

movement vectors



"behavior recognition"

Interactive Development Environment

"diffs" from

"prototypes"

Belief Networks using Bayesian Reasoning in Sparseland (Sp-rs-land)

"beautiful models"

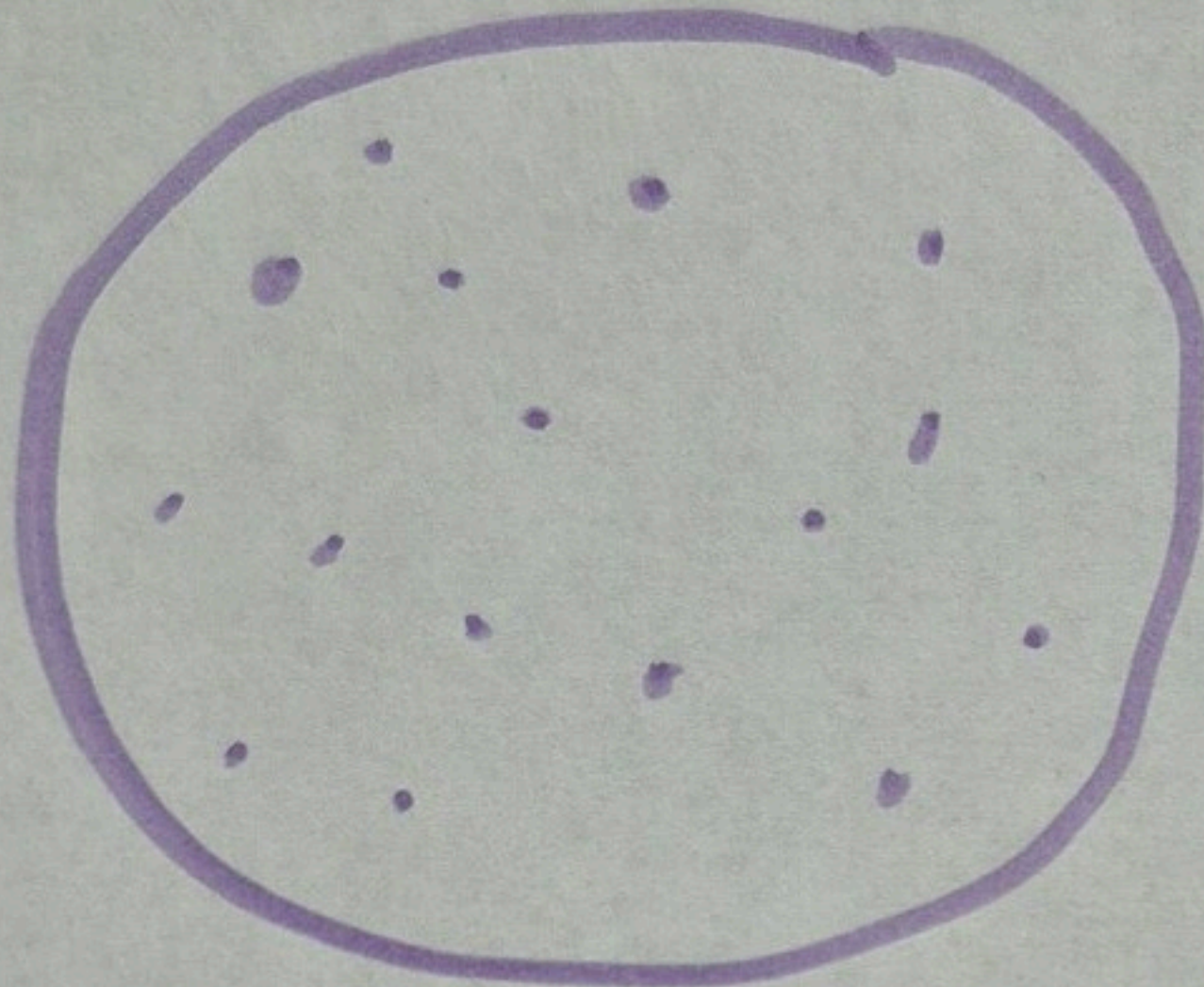
- Method Dispatching
  - Polymorphic Typing
  - Garbage Collection
- } metaphors

agi -

age, gender, intelligence

(global knowledge decision trees)

# Core



pop inner  
bubbles  
to  
pop outer  
bubbles

- blink
- verbosity
- texture

labels  
on (default  
off)  
default  
off

~~verbosity~~  
(default  
on)

call  
heads  
up depth  
clear

vb

~

**Core**

Play floor

default

1. The trouble with Physicists

Physicists/  
 Psychologists/  
 Lawyers/  
 Politicians/  
 Musicians/  
 Artists in general

} are idiot savants

2. We all have Britney Spears syndrome.

Beethoven  
 (No such thing as a free lunch —  
 over-specialization leads to  
 inter-personal ~~social~~ deficits) — more often than  
 not?

3. The Fundamental Attribution Error

4. Contingency

5. The Intentional Stance

6. The Theory-Theory

7. Einstein's Unfinished Revolution

B. Badre's ~~Universal~~ <sup>Utilities</sup> for building  
 Futureproof Formal Ontologies

Boring Understatements

8. Basic Formal Ontology

Resilient Ah ha!  
 User-Interface for  
 Forming Futureproof  
 Ontologies

~~Beginners' Universal~~ **Beginners' Upper-level**  
 Framework for getting Organized

~~Arbitrary~~ Arbitrary Unchanging ~~Unchanging~~  
 Invariant

we promise not to change  
 — Disclaimer Temporarily-invariant

B U F F O

Beginners' Universal Framework for Forming Ontologies

# 22 letter latin

zero = xero =  
qsero

q s  
u o  
a u  
n p  
t  
r  
m

Qu stion ur B  
M c  
o f k  
p  
y

no w → ua  
no j → di  
no x → ks  
no z → qs

eksamples

The quick brown fox jumps

www → uauaua

~ over the lazy dog. ~

xenobiology → ksenobiology

It might take some getting used to,

zenobiology → qsenobiology

but uae could do away with four letters.

Why is learning org-mode  
so hard?

You have to want to  
be organized.

You have to want to  
make lists.

Sound too difficult?

Learn Vim & Emacs.

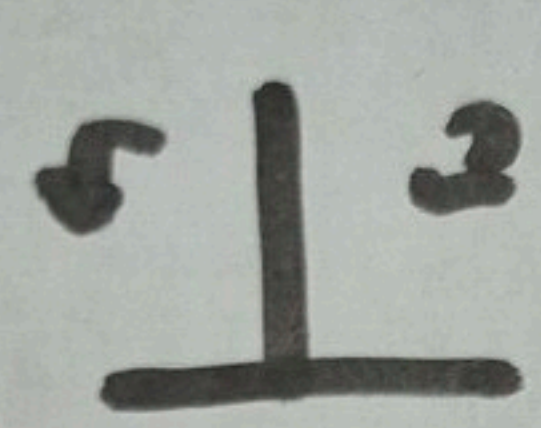
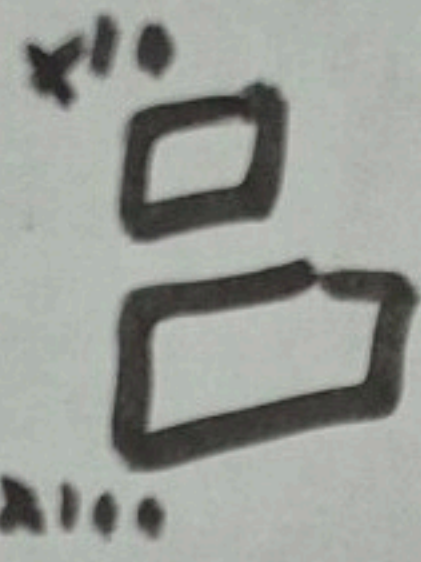
Learn Physics, Mathematics, and Science

Cleaning. Sorting. Planning.

Read Evaluate Print Loop.

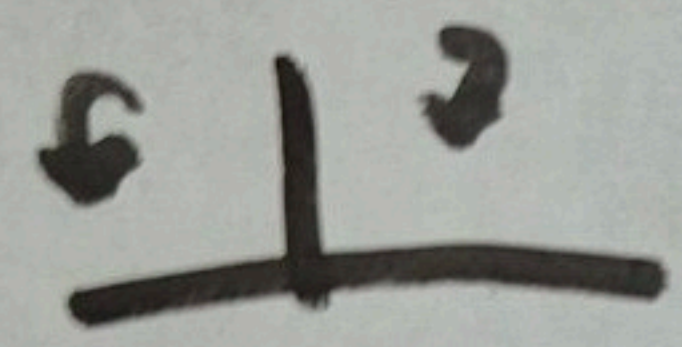
Too many paths to choose.

Need algorithms for making  
intelligent choices.



↑ T  
↓ g ← ↓ ↑ →  
b n m

blink not move



m

(not move camera)  
move ship

n

not move  
ship  
(move camera)

M

move HUD

N

not move HUD

SPACE BAR - FIRE  
FLARE

Books to write:

Question your Biases

Universal Turing Machines

Automated Coverage Feedback

No Such Thing as a Free Lunch

Truth, Beauty, and Shape Dynamics

Uses for Giant Kelp

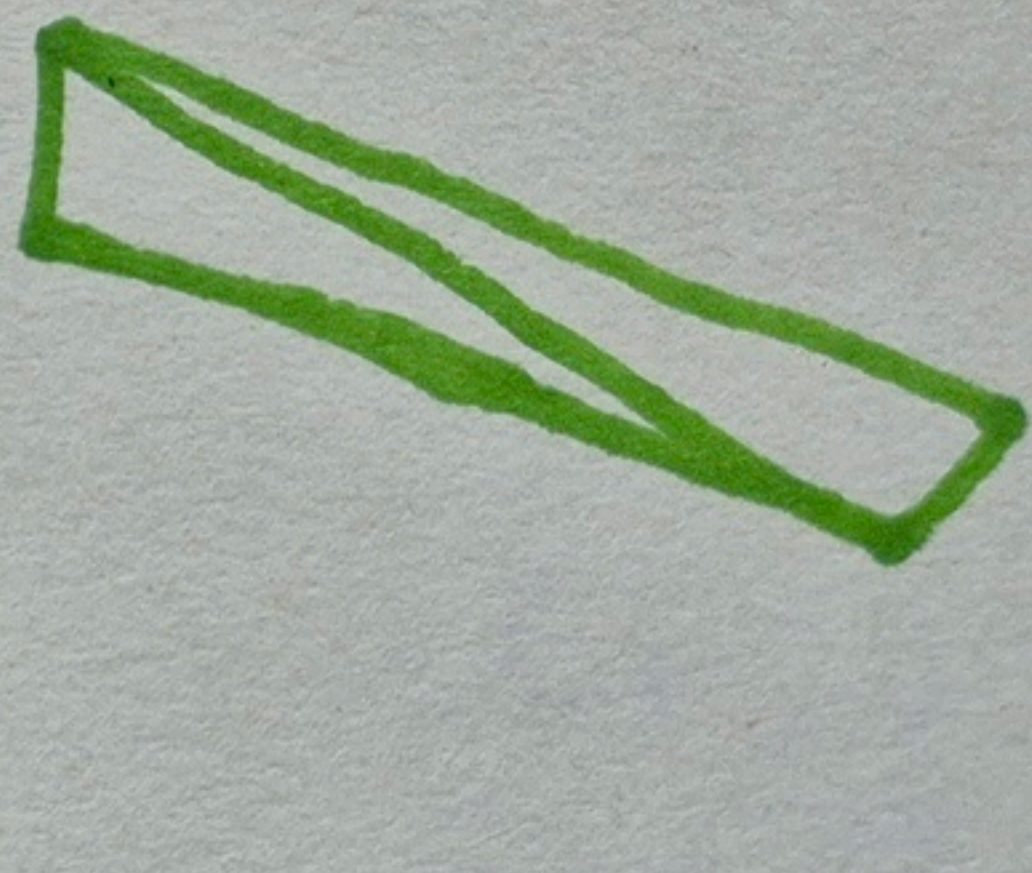
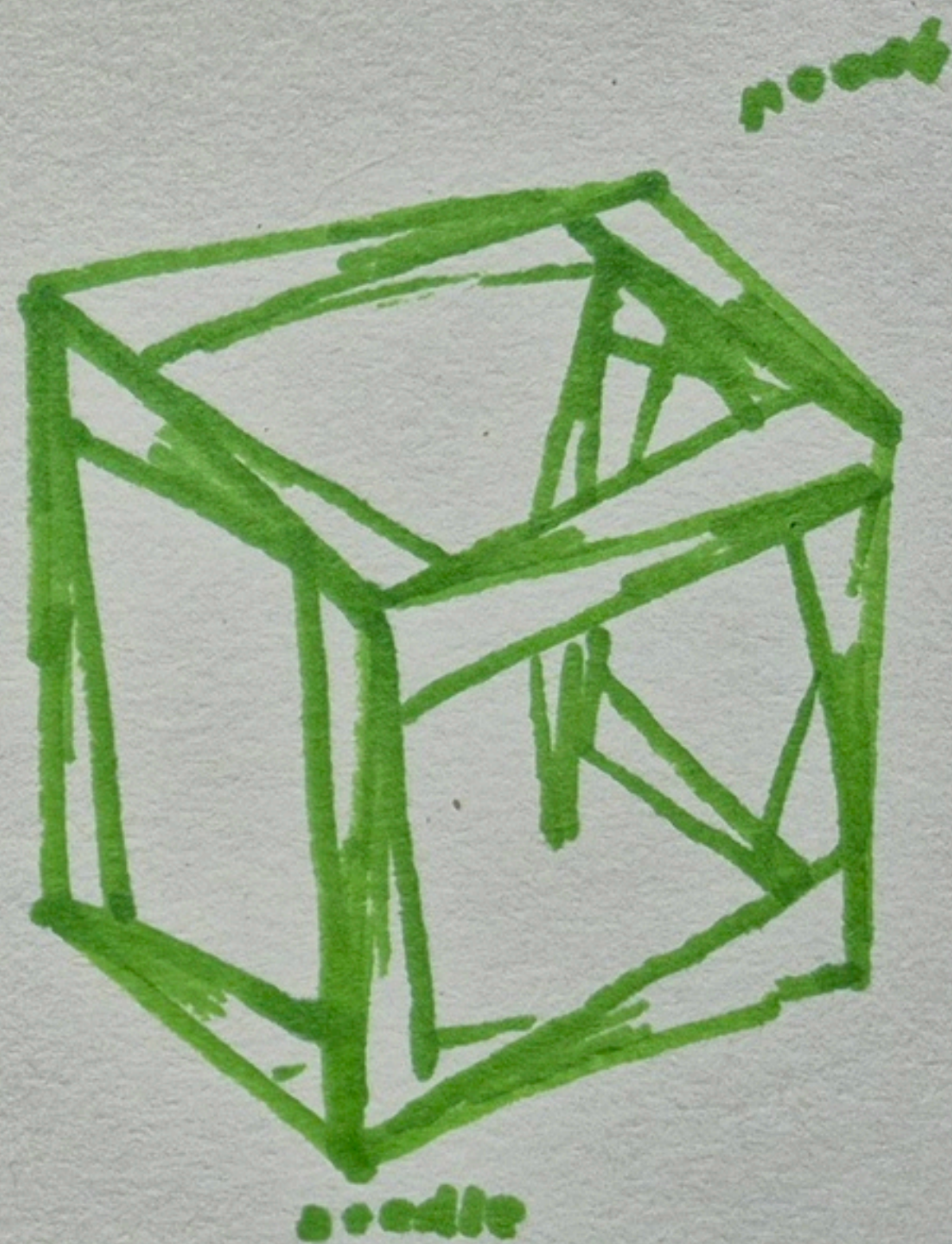
Music of Hedonia

Symmetry in Physics

Ontological Commitments

Unusually Potent Potables

Philosophy of Art



Throw this away

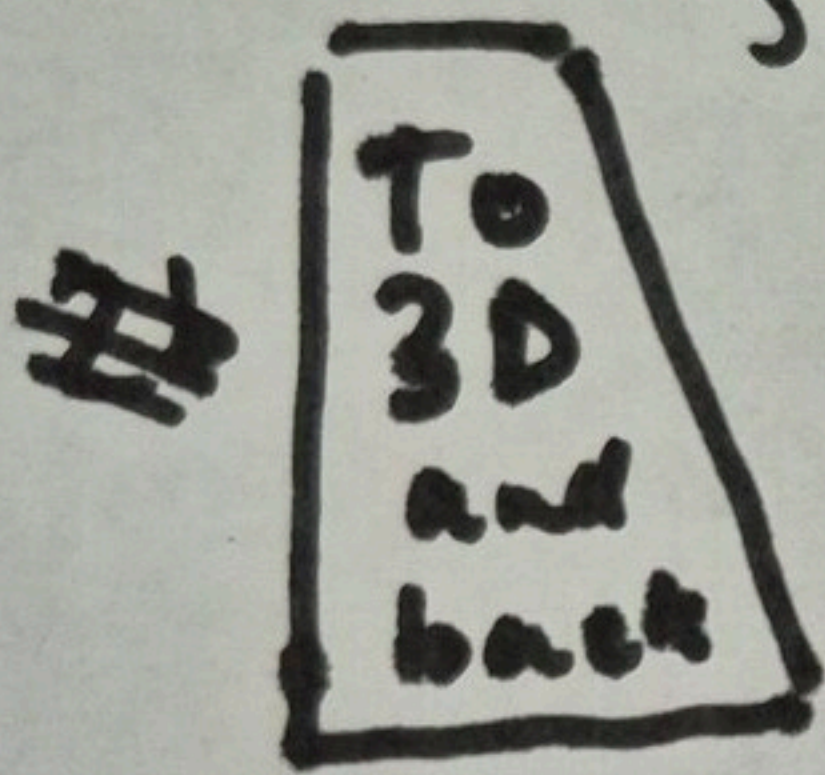
Corpus  
Congruence

automatic  
image  
compression

through

description

best matching -  
Shape dynamics?



sparsity

So many  
different  
ways  
of  
compression

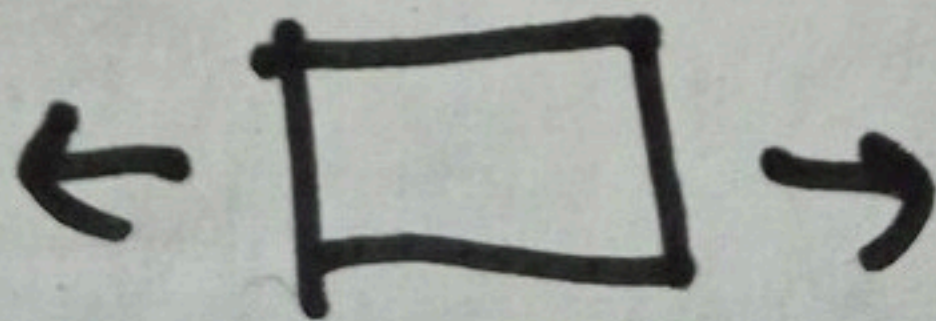
Scenario  
matching

texture  
matching

seam  
carrying?

image  
extrapolation

plausibility  
↕  
glitchiness



uncanny  
valley  
detectors

Notes:

gimel  
boomerang square → 7  
κάμαρα γ

Title title  
\*khem \*Khem  
מגדל \*  
גיד

Camera Camerum Camur  
ruum Camel Crooked  
bent

Chambre room beautiful  
clear make way passage rooming  
Cave passage (clean up your)

cove  
cofa  
alef

Cube \*kubon  
Kubisi  
Koben

bet  
pigsty, house, shed

ox  
yadd out stretched arm  
house  
esquarre } square  
quadra }  
oda  
cota  
Jot  
lambda

quarters  
ox house  
alphabet

a quarter  
of a quintal }  
@ arroba  
at

الربع  
ar-rub'

Ay theres  
the rub

or kintal  
centner zentner  
(hundred-weight)  
100 lb  
50 kg

a fourth

e

(but is this true? why are some animals

not progress → Evolution ~~But~~ more chromosomally complicated?

Rarely (but it's always through

Throws anything away,

apoptosis pruning

So I believe! oops

that prediction

and not

logic is still

the most important

low-level operation

in the brain

Bayesianism?

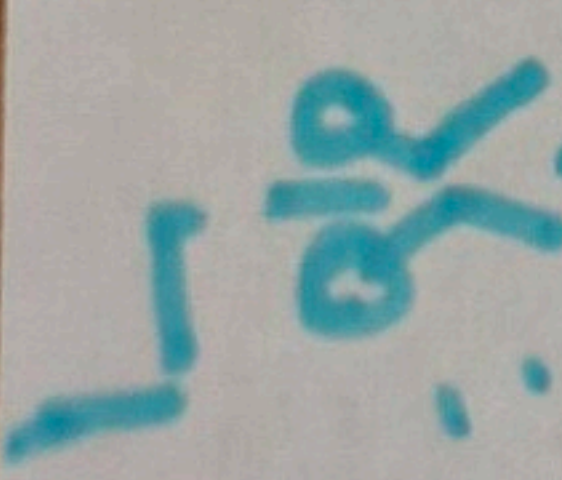
what's going to happen next?

MA

but isn't that?

isn't necessary

Fallacies fallacy



alef bet N

alpha bet

ox house

ox-house

ar-roba

الرابع

(ar-rub')

a fourth

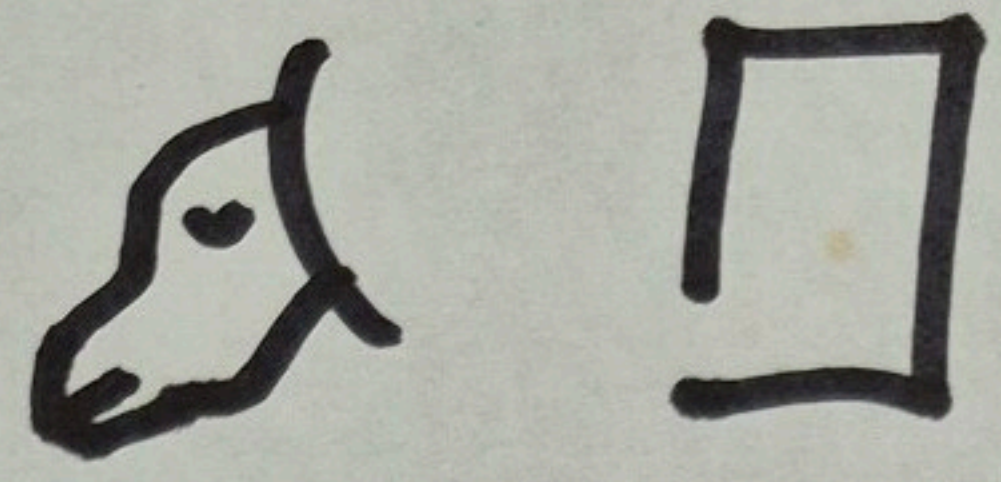
a quarter

quadra

esquarre

} square

א ב ג



ב ב אבב אב

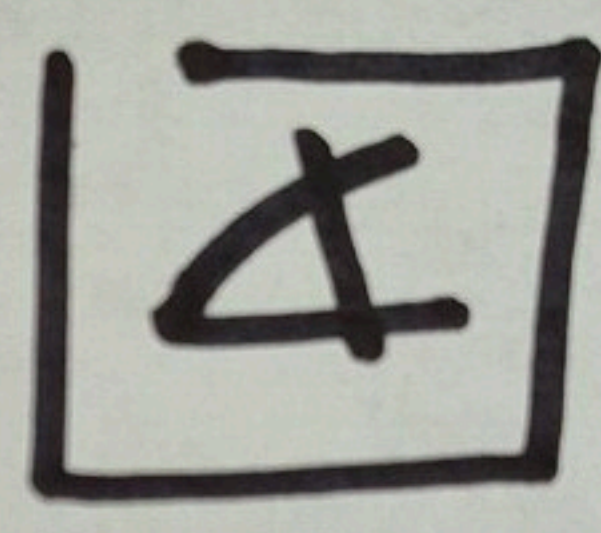
7777 אבב אב

aleph bet א/ב

ox house 713

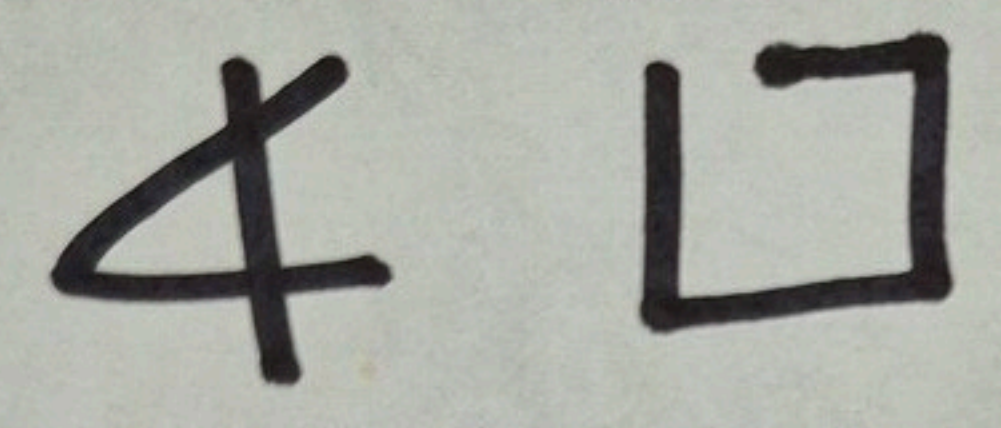
alpha beta 713

square

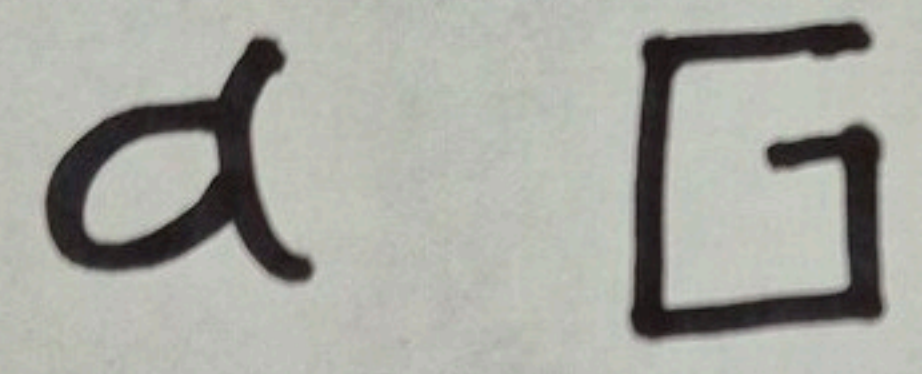


alphabet  
ox-house

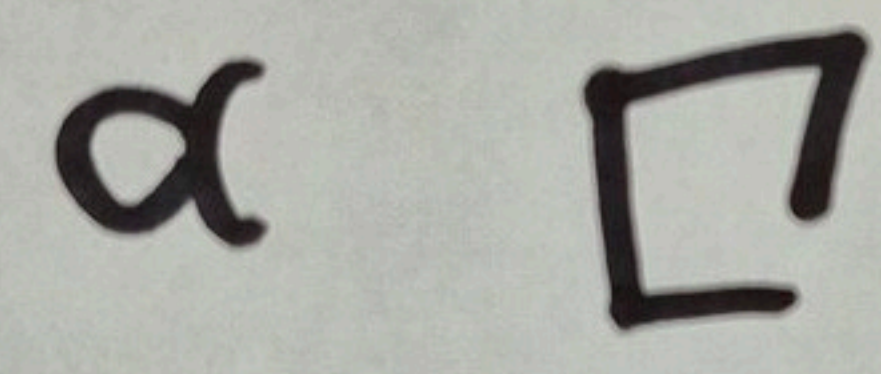
א



א

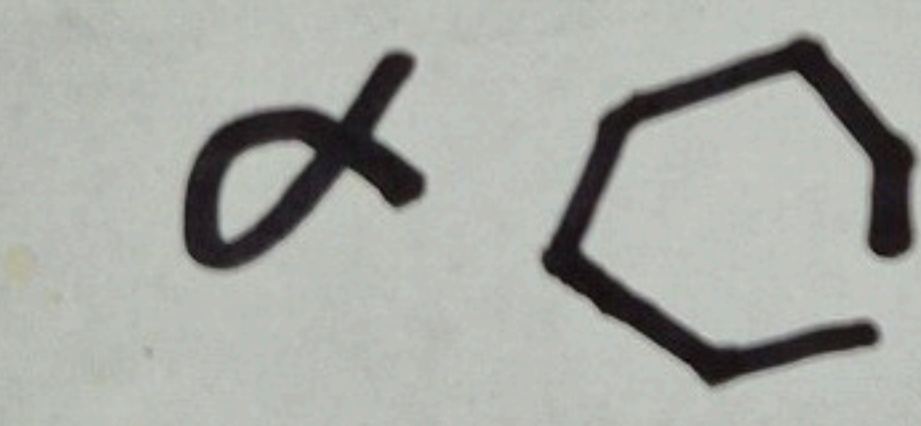


א



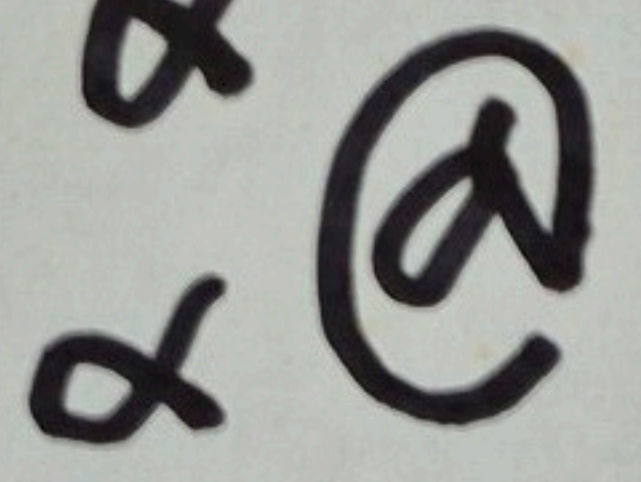
a fourth

א



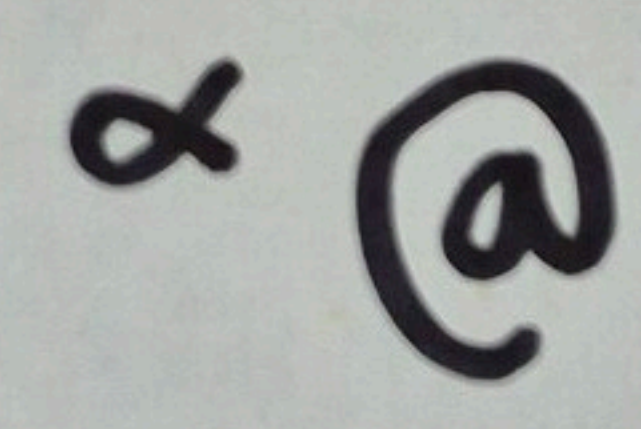
الربع

א



— arroba

א



a quarter

א

α

quadra

esquarre

to be allowed  
make lawful

أَبَاحَ

to annihilate

أَبَادَ

innovation,  
invention

اِبْتِكَارَ

permissiveness

إِبَاحِيَّةَ

to feel happy

اِبْتَهَجَ

complete  
trust  
trustingness  
credit

اِئْتِمَانِ

تَسَلَّمَ  
to receive

اِئْتِمَانِ

تَسَالِمِ  
a sound  
alliance

Coalition,  
homogeneity  
association  
agreement

اِئْتِلافِ

submit  
peace  
be upon you

إِبَادَةَ

annihilation

Submission  
استسلام

swallow

اِبْتَلَعَ

go well

السَّلَامُ عَلَيْكُمْ

forbidden  
joy

joy

اِبْتِهَاجِ

استسلام

preserve

safety  
soundness  
blamelessness,

and  
peace be  
upon you

during

اِبْتِانِ

أَبِ

admit  
greet  
consent

proof  
freedom  
escape  
surrender  
save

وَعَلَيْكُمْ السَّلَامُ

August

abjadiyya  
alphabetical

أَلِف  
alif

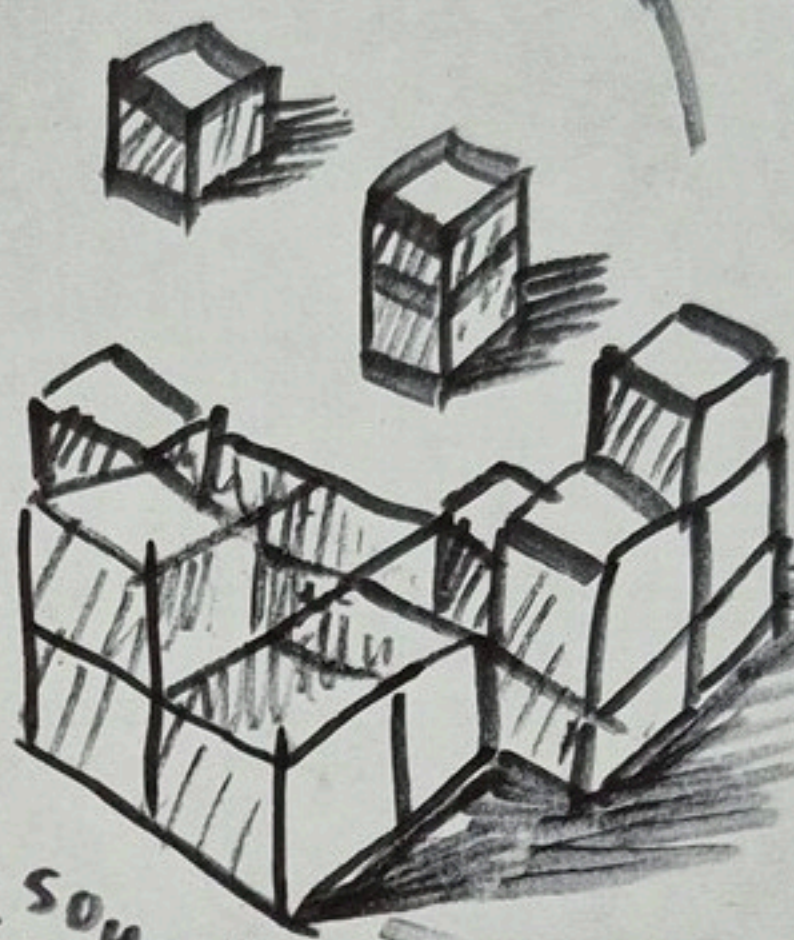
4<sup>aleph</sup>  
Security

أَمَانِ

father

أَبِ

سَلَامِ  
سَلِيمِ



سَلَامِ  
ladder,  
scale

alliance

concord

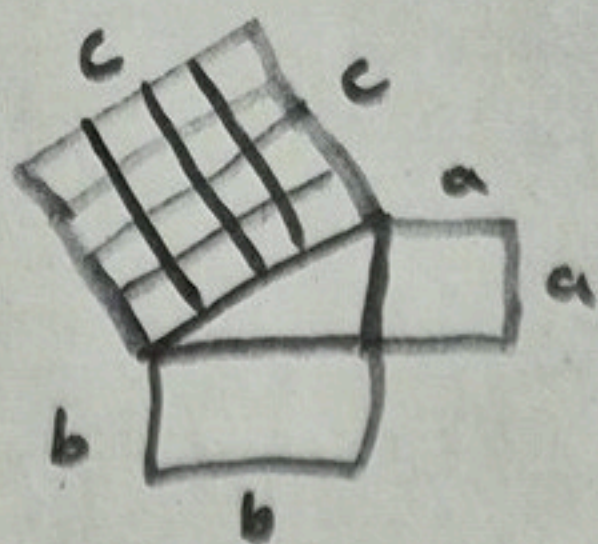
succeed  
prosper

well-being

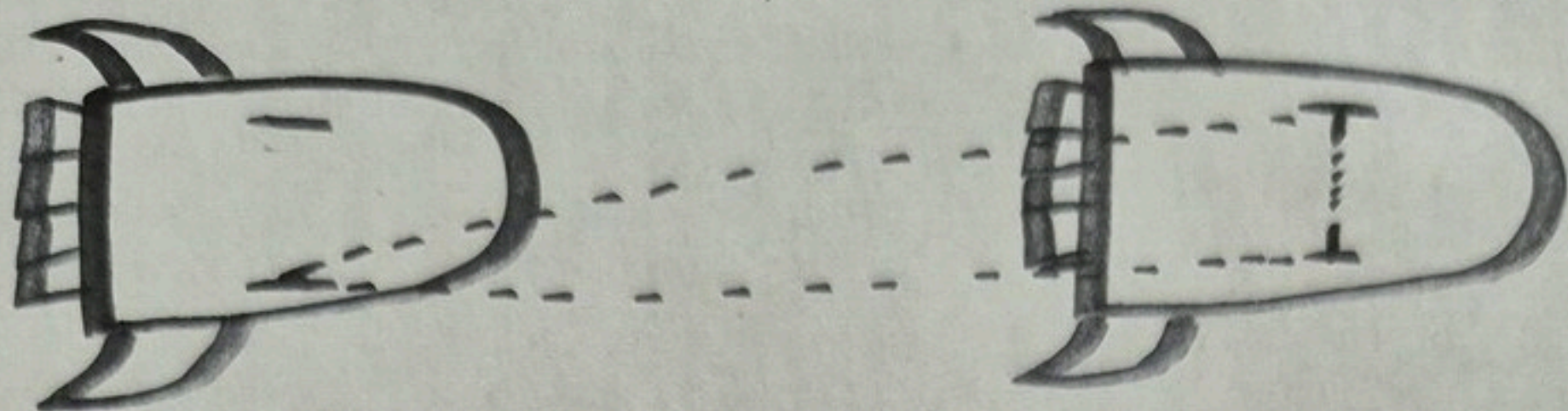
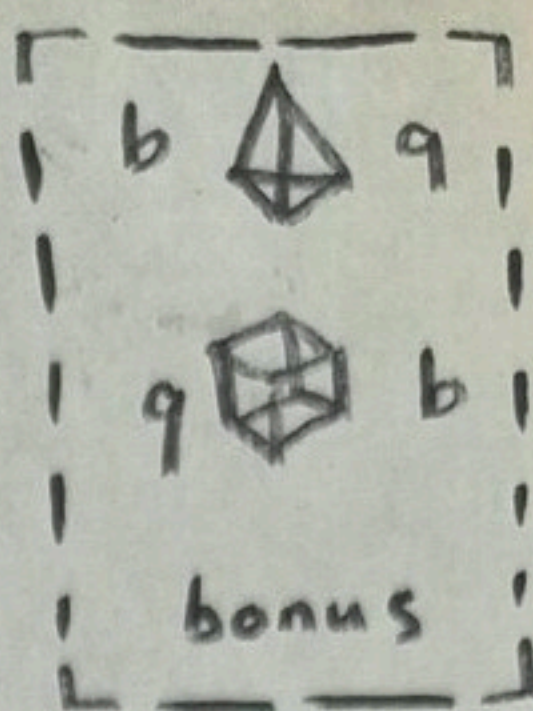
health

Pythagorean theorem

• start

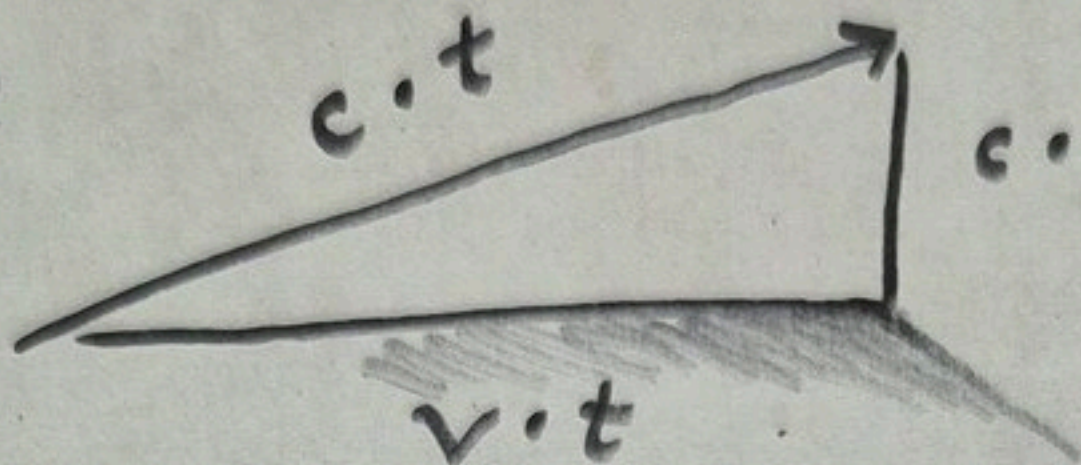


$$a^2 + b^2 = c^2$$



Lemmas:

Let  $t =$   
observer time



observer

Let  $t_0 =$   
ship time

Show your work.

$$(ct)^2 = (ct_0)^2 + (vt)^2$$

$$c^2 t^2 = c^2 t_0^2 + v^2 t^2$$

$$\rightarrow t^2 (c^2 - v^2) = c^2 t_0^2$$

Simplify

$$c^2 t^2 - v^2 t^2 = c^2 t_0^2$$

Oops,  
Skipped a step

$$t^2 (c^2/c^2 - v^2/c^2) =$$

$$c^2 t_0^2 / c^2$$

$$t^2 (1 - v^2/c^2) = t_0^2$$

$$t^2 = t_0^2 / (1 - v^2/c^2)$$

$$t = t_0 / \sqrt{1 - v^2/c^2}$$

Time  
dilation

end → •

Relativistically speaking, one should not say "moving clocks run slow," rather, say "the time between two events is shortest when measured in a reference frame happen at the same place."  you cannot slow down time.

Civilization & Cooperation

Moot point  
generators

deal breakers

romantic

abhorant

yellow = amber

magenta = magenta

Blue = cyan

green = ~~any~~ ~~ambiguity~~

" ~~ambiguity~~

ambency

sacrifice

~~to~~ ~~scape~~ "scapegoat"

preserve "scape lamb"

deals = moots

Civilization

Constratification

lopsided  
off

relatively

otherwardsly

turbulent

glopsy

Collaboration  
argument

CO-OP

Agreement

Rules ↔ Primitives

Order ↔ Negentropy

Conor Moreton  
= 55R 45R = 55

Kitbashing:  
Karl Marx Knowledge Engineering  
Karl Fant Karl Friston  
Karl Famous Karl Popper  
Mwana Wakintu

Contract: Child as Hacker

Mason Gopnik - Child as Scientist

Torey Hayden - Feral Children

Monica Anderson - Feral Machines

A Time of Trial in U-ganda

A force of men passed by our gate this forenoon.

We hear that they are Mujasi's, and that they have been ordered to rob and burn alive the king's head-page, Balikudembe, also called Mukawa.

1  
1  
1  
1  
0  
0  
0  
1  
0  
1  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0

1	3	7	15	30	60	120	241	482	964	1929	3858	7716	15432	61728	123456
-	-	-	-	0	0	0	1	2	5	0	0	0	0	0	2

Remainder

The accusation seems to be that he informed on the king. This fine ~~old~~ tall lad has been a faithful servant to Mwanga ever since he became king. Formerly he read with me a Gospel and the Acts, along with Mulumba, Mwana wa Kista, and others. Afterwards the Roman Catholics got hold of all three.

T

$A \uparrow B$

$A \leftarrow B$

$A \rightarrow B$

$A \vee B$

$\neg B$

$\neg A$

$A \leftrightarrow B$

$A \leftrightarrow B$

A

B

$A \downarrow B$

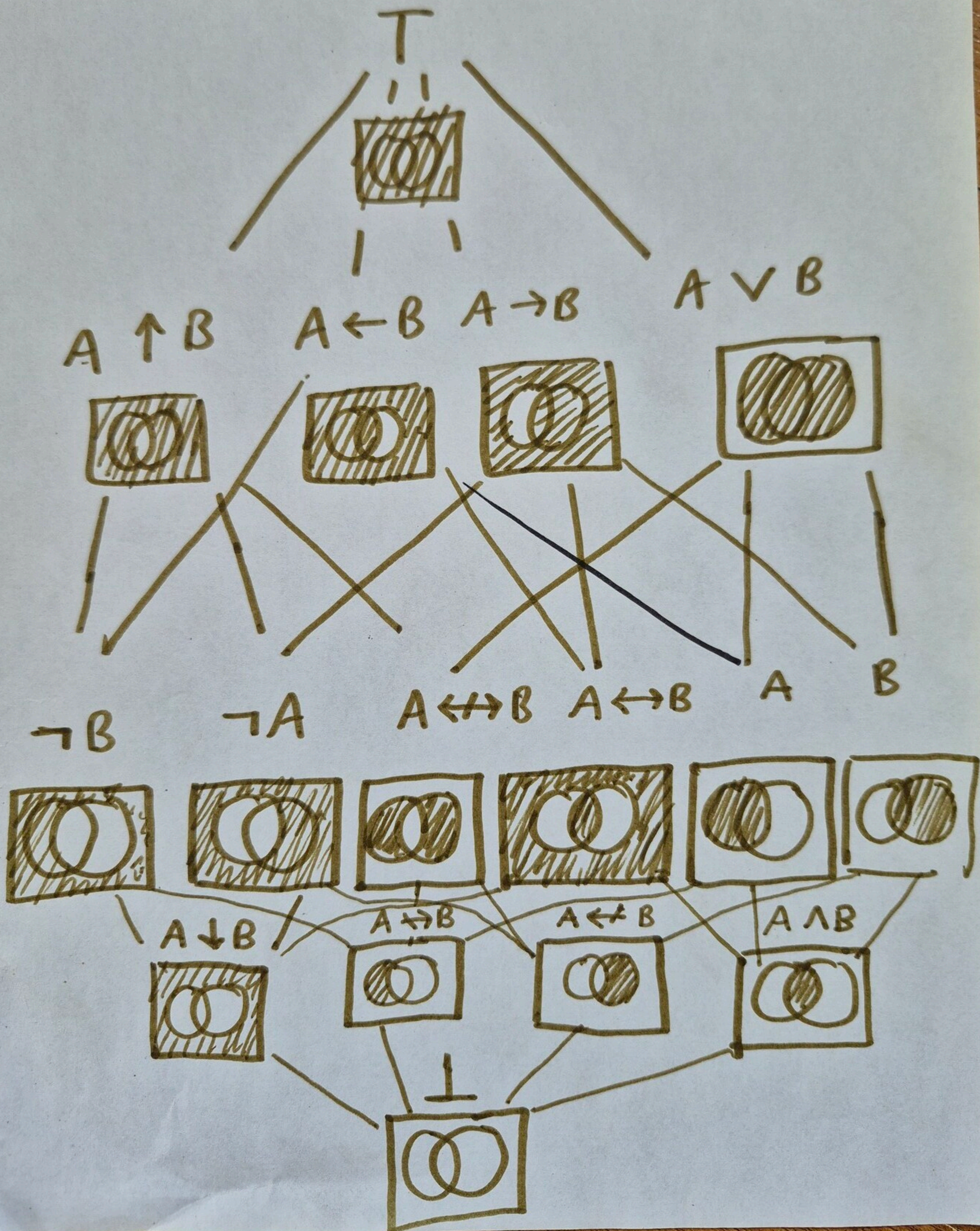
$A \Rightarrow B$

$B \Leftarrow A$

$A \wedge B$

I

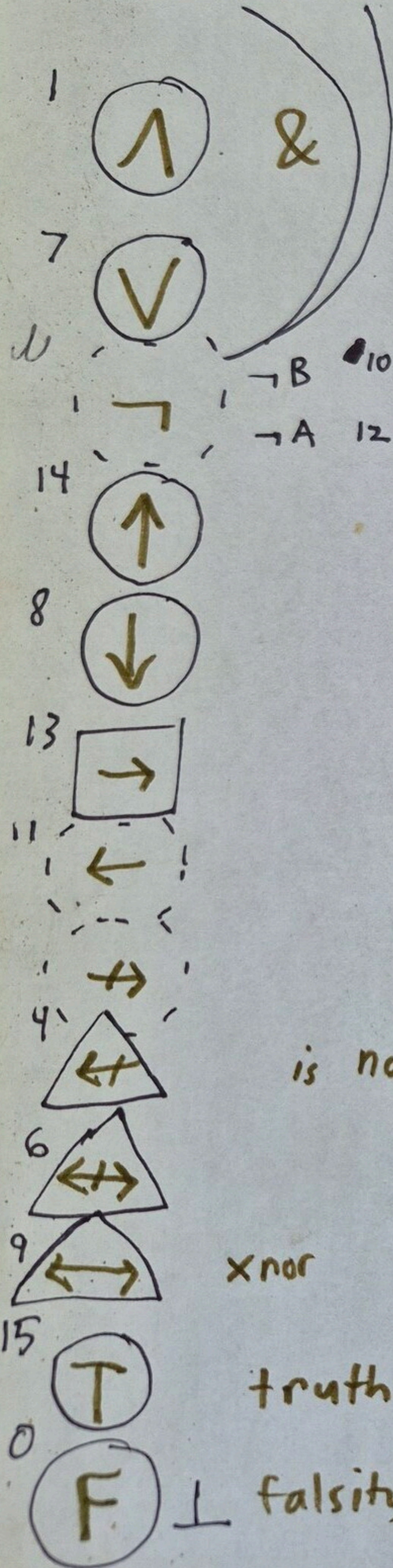
# Hasse Diagram of the logical connectives.



Step 1 ○ (circle) Step 2 □ (square) Step 3 △ (triangle) Step 4 ⬡ (octagon)

3 **A**, 5 **B**

propositions



and

logical conjunction

or

logical disjunctive

not

logical negation

hand

alternative denial

nor

joint denial

imply

material implication (conditional)

is implied by

converse implication

imply

material nonimplication

is not implied by

converse nonimplication

xor ⊕ ⊕ ⊕ ⊕

exclusive disjunctive

xnor iff ⊙

logical biconditional (if and only if)

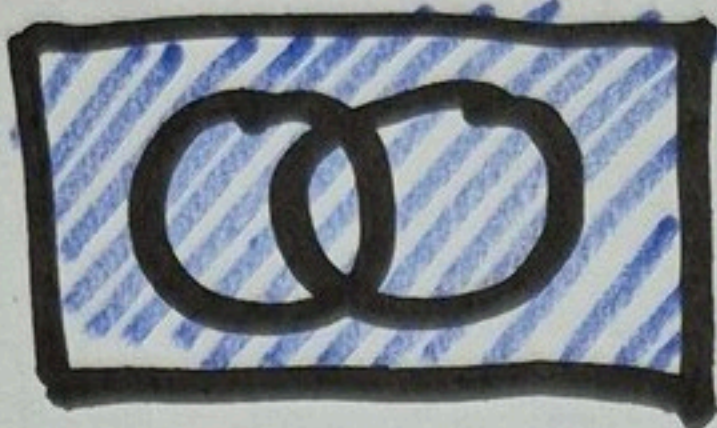
truth, top

tautology

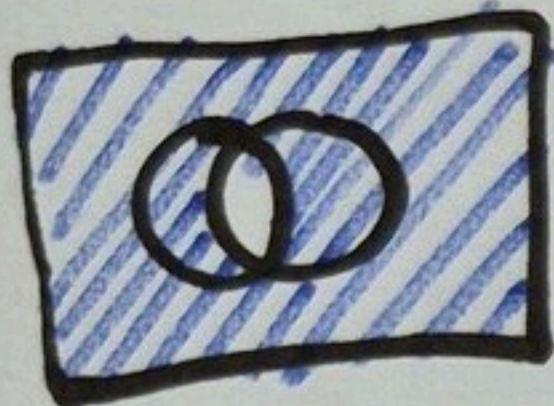
falsity, bottom

contradiction

T



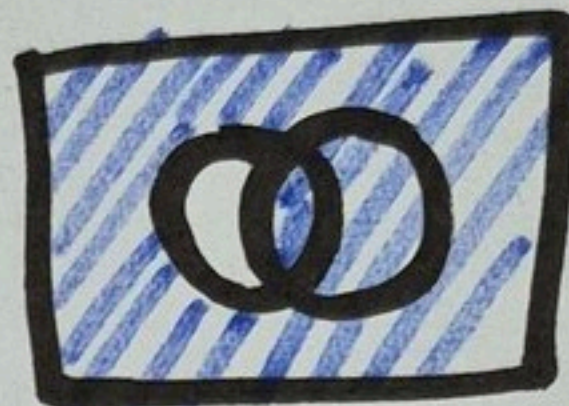
$A \uparrow B$



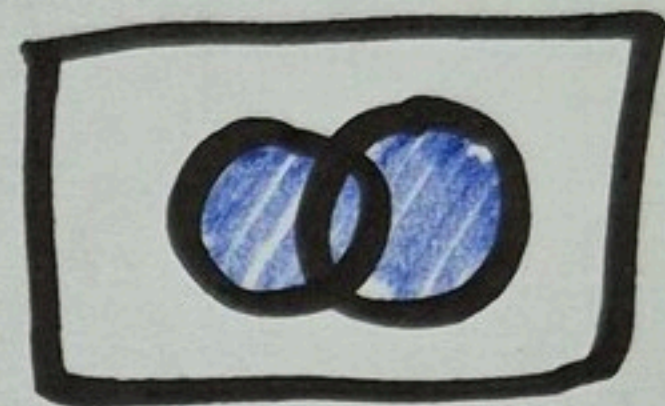
$A \leftarrow B$



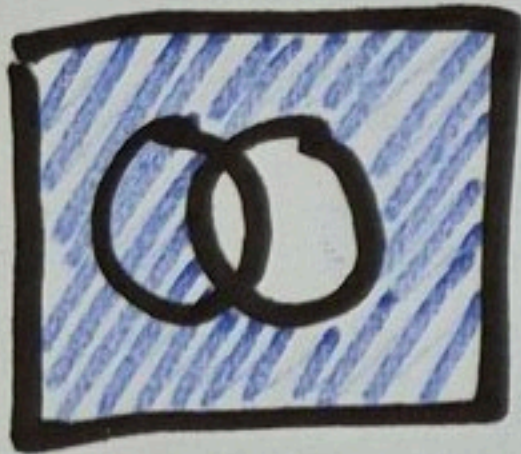
$A \rightarrow B$



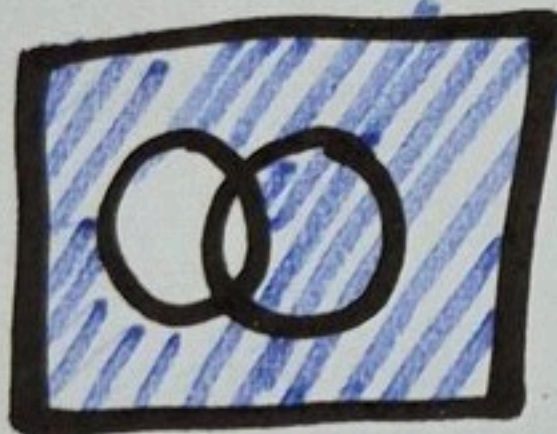
$A \vee B$



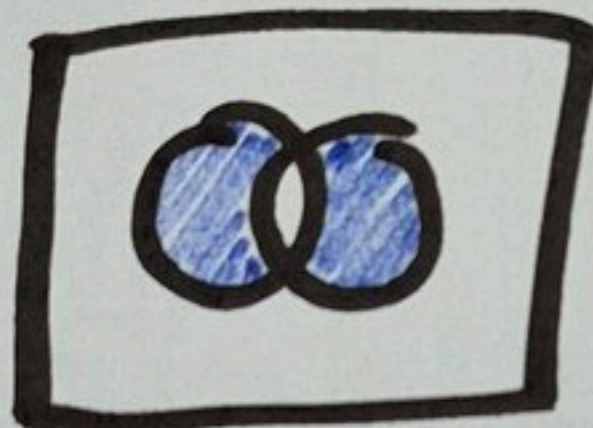
$\neg B$



$\neg A$



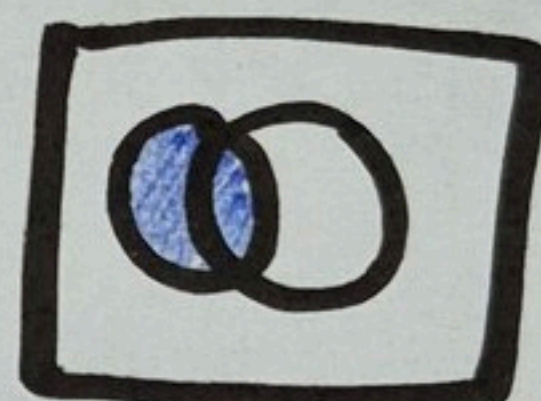
$A \leftrightarrow B$



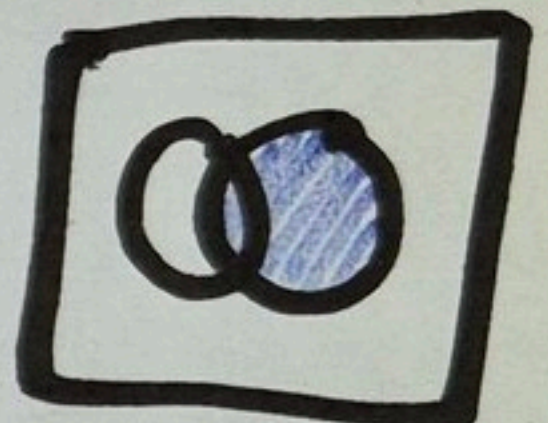
$A \leftrightarrow B$



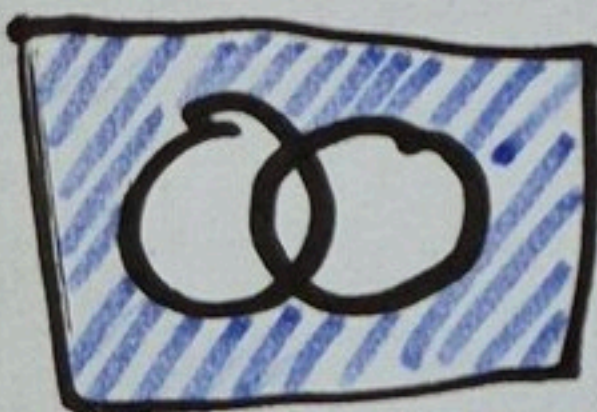
A



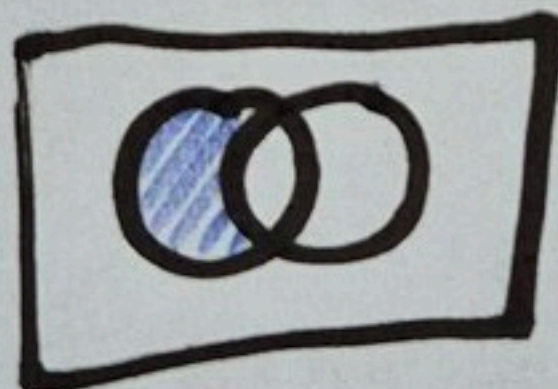
B



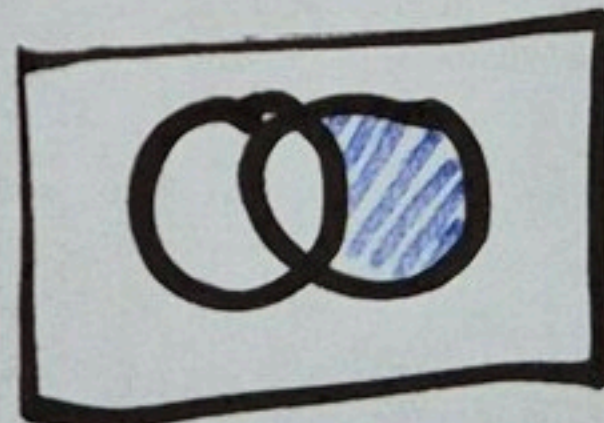
$A \downarrow B$



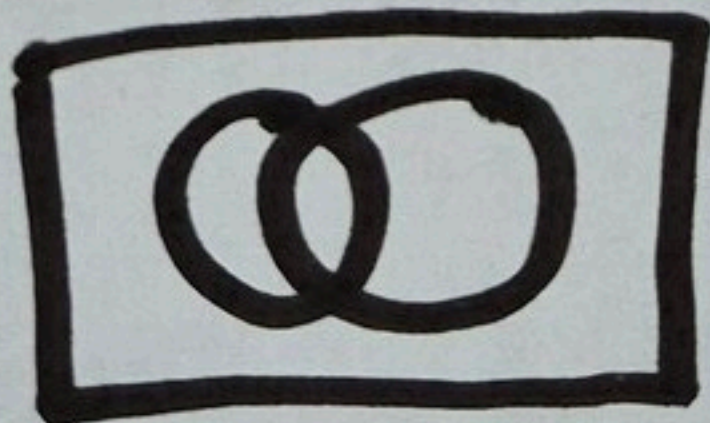
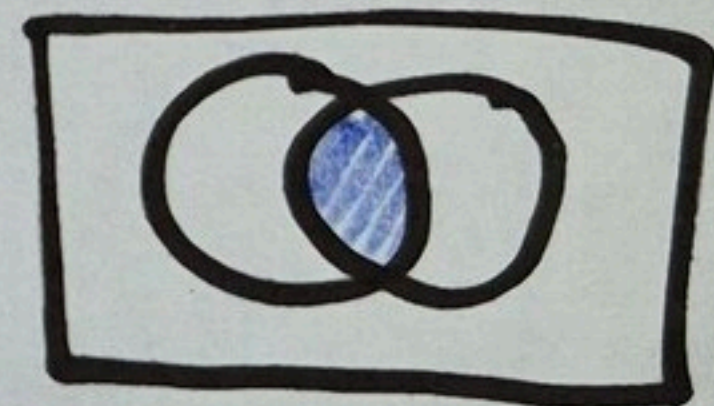
$A \nrightarrow B$



$A \nleftarrow B$



$A \hat{\vee} B$



T

# functional completeness

One element  $\{\uparrow\}, \{\downarrow\}$   
nand nor

Two elements

$\{\vee, \neg\}, \{\wedge, \neg\}, \{\rightarrow, \neg\},$   
or not and ~~imply~~  
imply

$\{\leftarrow, \neg\}, \{\rightarrow, \perp\}, \{\leftarrow, \perp\}$

converse bottom, falsity  
 $\{\rightarrow, \leftrightarrow\}, \{\leftarrow, \leftrightarrow\}, \{\rightarrow, \nrightarrow\}$   
xor nimply

$\{\leftarrow, \nrightarrow\}, \{\leftarrow, \leftrightarrow\}, \{\nrightarrow, \neg\}$

$\{\leftrightarrow, \neg\}, \{\nrightarrow, \top\}, \{\leftarrow, \top\},$   
converse nimply

$\{\leftrightarrow, \top\}, \{\nrightarrow, \leftrightarrow\}, \{\leftarrow, \leftrightarrow\}$   
top, truth iff xnor

ECDES

eco-crypto-dystopian education system

MAGA

Mediterranean-Atlantic Green Alliance

CYC

Cymatic Yogurt Computers

MFC

Magnetic Fluidic Computers

SITH

Substrate Independent Thinking Hypothesis

JEDI

Just Eat Delicious Insects

PIT

Physics Inoculation Theory

ART - Aspect Relegation Theory

This is just a tribute.

If you read one book, it should be The World is all that is the case, By Wittgenstein et al. If you don,t like to read- read, have some one else Read it fore you and give you a summary.

Basically, the gist is this. Language is a game, which we know because it has a certain family resemblance to other games. The objective of a game is implicitly stated in its "unwritten rules". According to Michael O,Sullivan Wittgenstein did not leave good references, but he did make it clear that ordinary language is "good enough" to do philosophy, since its purpose was

not made any more clear by just getting more data, more observations, or fancier equipment. An ordinary typewriter or pen and pencil is good enough, and so technically one could do philosophy with nothing but a slide-rule and an imagination. Every material object could be considered to be a form of slide-rule, since the complex numbers can be visualized a chain of rotations and scalings, to represent any possible vector transformation. This is similar to what THOMAS NEEDHAM calls the amplitwist. Pinche to zoom, and tilt-to-swerve.

Six degrees of freedom.

QWER	@ ' ¢ \$	Question everithing Walk Examine your biases Roof
ASDF	(- , -) .	Ad Sinestra Slow down/Stop Dextra Floor

My very energetic mother just served us nine pizzas.

My very energetic mother also boiled jumbo shrimp using ~~nine~~ nine kettles boiling over coals.

Mercury Venus Earth Mars Asteroid Belt Jupiter Saturn Yernis  
Neptune Kuiper Belt Curt Cloud

My favorite living philosophers are Monica Anderson, Alison Gopnik, and Torey Hayden. Then you'll be a mile away and you'll have their shoes.

Y Cognitive Load Theory is a bunch of bunk.

Signed,  
The Computer Wore Tennis Shoes.

米頁  
糸人

米頁  
糸人

knot

灑

sound of  
beating wind,  
light, eternal

water clear  
and deep

方眞  
旗 旗

Flag, banner

面支

桓

mighty, large

𣎵 \* 𣎵 𣎵

足展

punish,  
oppress  
coerce

to trample

木衰

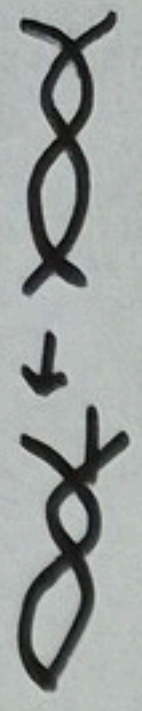
rafter,  
truss

(木羨 mango)

輾 轉  
turn over  
roll

輾 轉  
loss, and  
turn

a skein of silk



渥

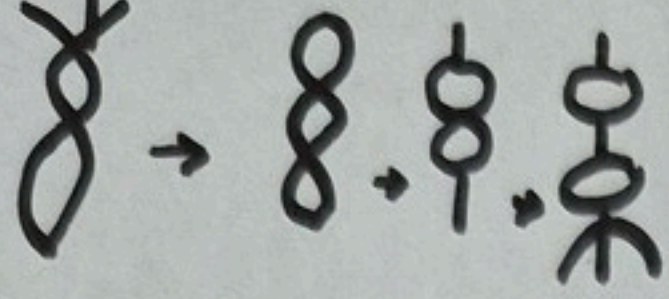
懵

4+61F 5

4+6e25

懵

absent-minded  
stupid,  
muddle-headed



cf. angxi  
radical 120

系  
↓  
𣪠  
↓  
𣪡  
↓  
𣪢

𣪠

String of cord for  
a hat

女火尢戈

vast expansive

(measuring amounts of water)

thick  
silk,

a length  
unit,

five parallel  
threads of silk

see 𣪠

𣪠 hand

silk, thread

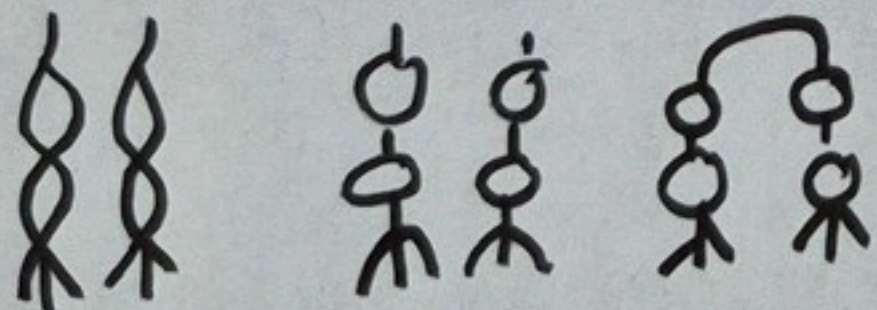
肱

upper arm,  
minister of the  
emperor

𣪠  
shoulder  
elbow

右

right, starboard



male,  
masculine  
powerful  
grand

右  
又  
𣪠

right  
hand

𣪠 𣪡 𣪢 𣪣 𣪤

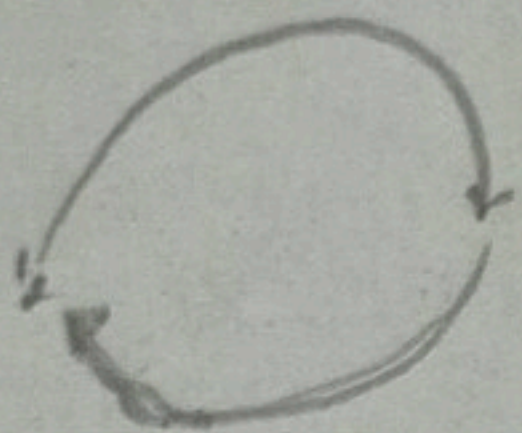
𣪠 宏

雄

wide, spacious,  
great, vast

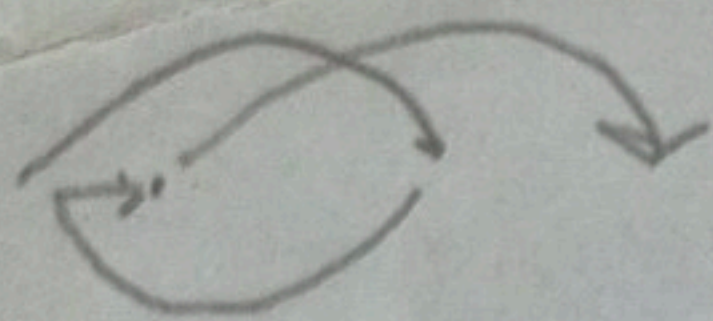
𣪠 related to 𣪡

# Robots that talk back (good idea / bad idea?)



game just replays over and over  
faster each time

until you "break the cycle",  
that is, make a decision.



## Transparency

If you challenge the evaluator's  
decision, you can question it,  
and it will explain its rationale,  
but it will make a correction  
if necessary.

## Dichotomous trade-offs

- explore - vs - exploit
- calm-down vs. go-into
- relax vs. excite
- up vs. down
- left vs. right
- in vs. out
- less vs. more
- ... vs. correct

- life maintenance -

- recycling
- laundry
- cooking
- growing food & building materials
- yoghurt making
- paper making
- centrifuge operation and use
- vehicle operation licence ontology - volo pilot

brushes / flashcards  
plates, clothing,  
hygienic paper,  
packaging, products

57JL 57XR76LX  
57JL^TLXL  
XLJLJΔLX4 117=  
ΔLιΓ=4L 117=  
^LXL ^LIX5  
77 7TLJ.

57JL 57XR76LX  
57JL^TLXL  
XLJLJ

Schwartz

Chris  
Williamson

Sean Curt  
Mindsapp 155

Luke Smith

Barry Smith Burbach

Don  
Giller

David Ridley  
Eddie Burbach

57JL 57XR76LX  
57JL^TLXL  
XLJLJΔLX4 117=  
ΔLιΓ=4L 117=  
^LXL ^LIX5  
77 7TLJ.

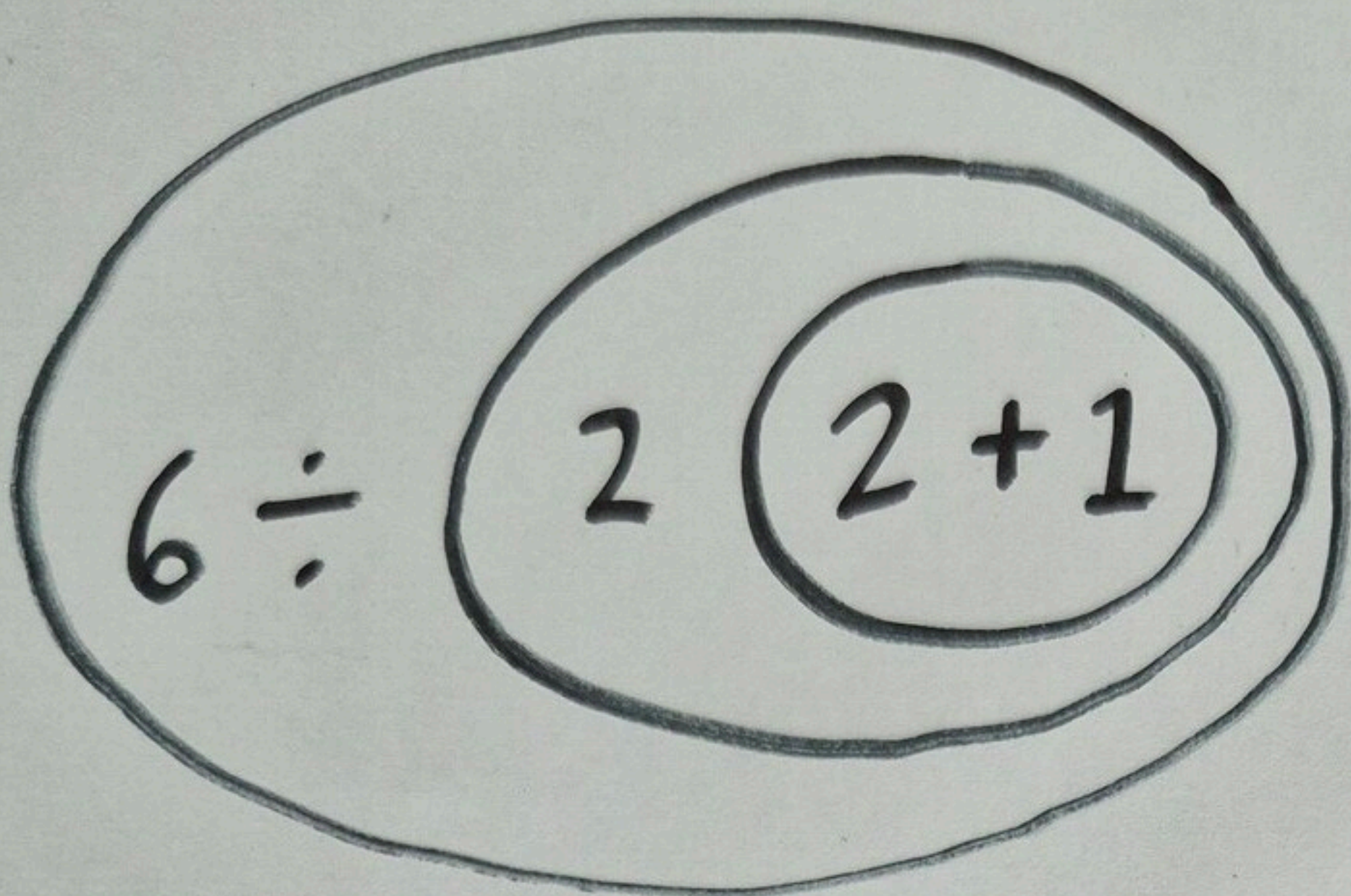
# بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ.

<p>الرَّحِيمِ matrix</p>	<p>الرَّحْمَنِ of the wombish</p>	<p>اللَّهُ God</p>	<p>بِسْمِ In the name</p>
<p>اللَّهُ God</p>	<p>بِسْمِ In the name</p>	<p>الرَّحِيمِ matrix</p>	<p>الرَّحْمَنِ of the wombish</p>
<p>بِسْمِ In the name</p>	<p>اللَّهُ God</p>	<p>الرَّحْمَنِ In the wombish</p>	<p>الرَّحِيمِ matrix</p>
<p>الرَّحْمَنِ wombish</p>	<p>الرَّحِيمِ matrix</p>	<p>بِسْمِ name</p>	<p>اللَّهُ God</p>

In the name of the wombish matrix God.  
 bismilāhi rahmani raheem

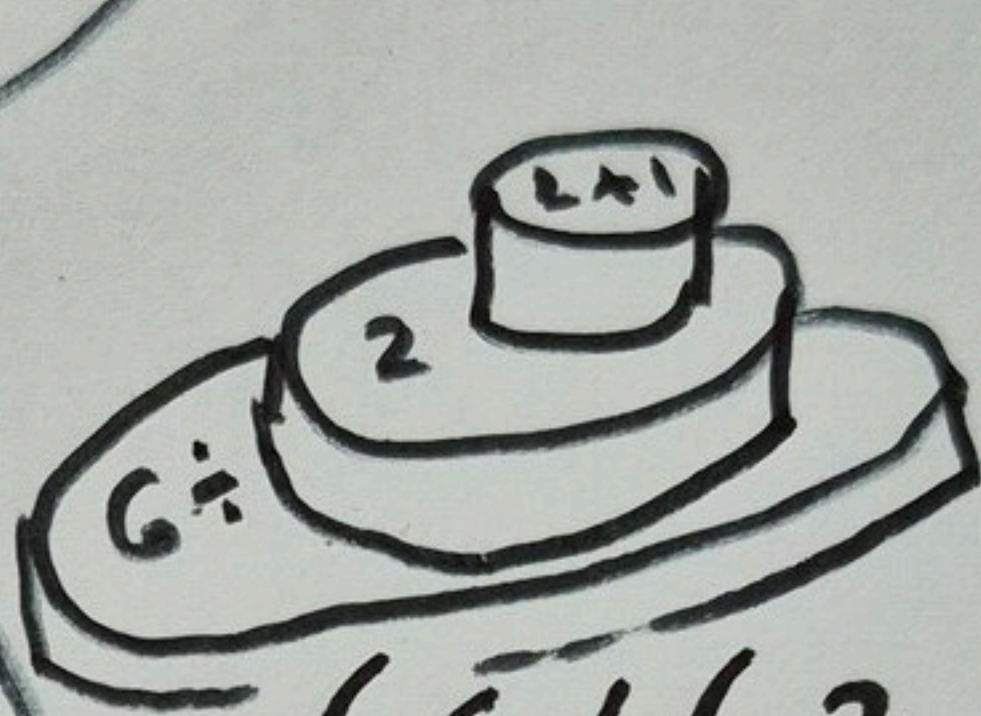
Solve using Spherpop:  $6 \div 2(2+1)$

↑  
missing "e"

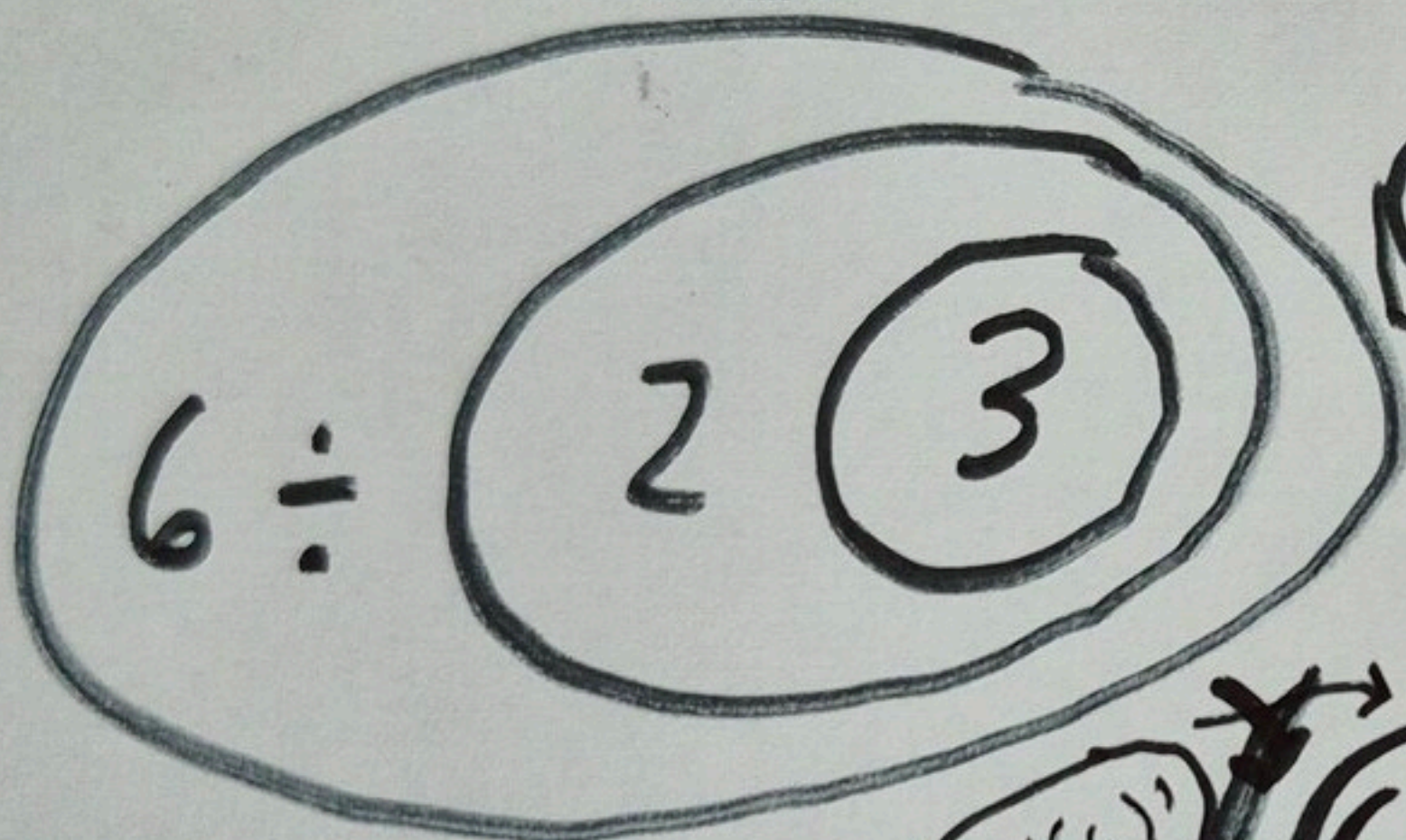


bracket notation

$$(6 / (2(2+1)))$$



$(6 / (2(2+1)))$   
angled  
Spherpop

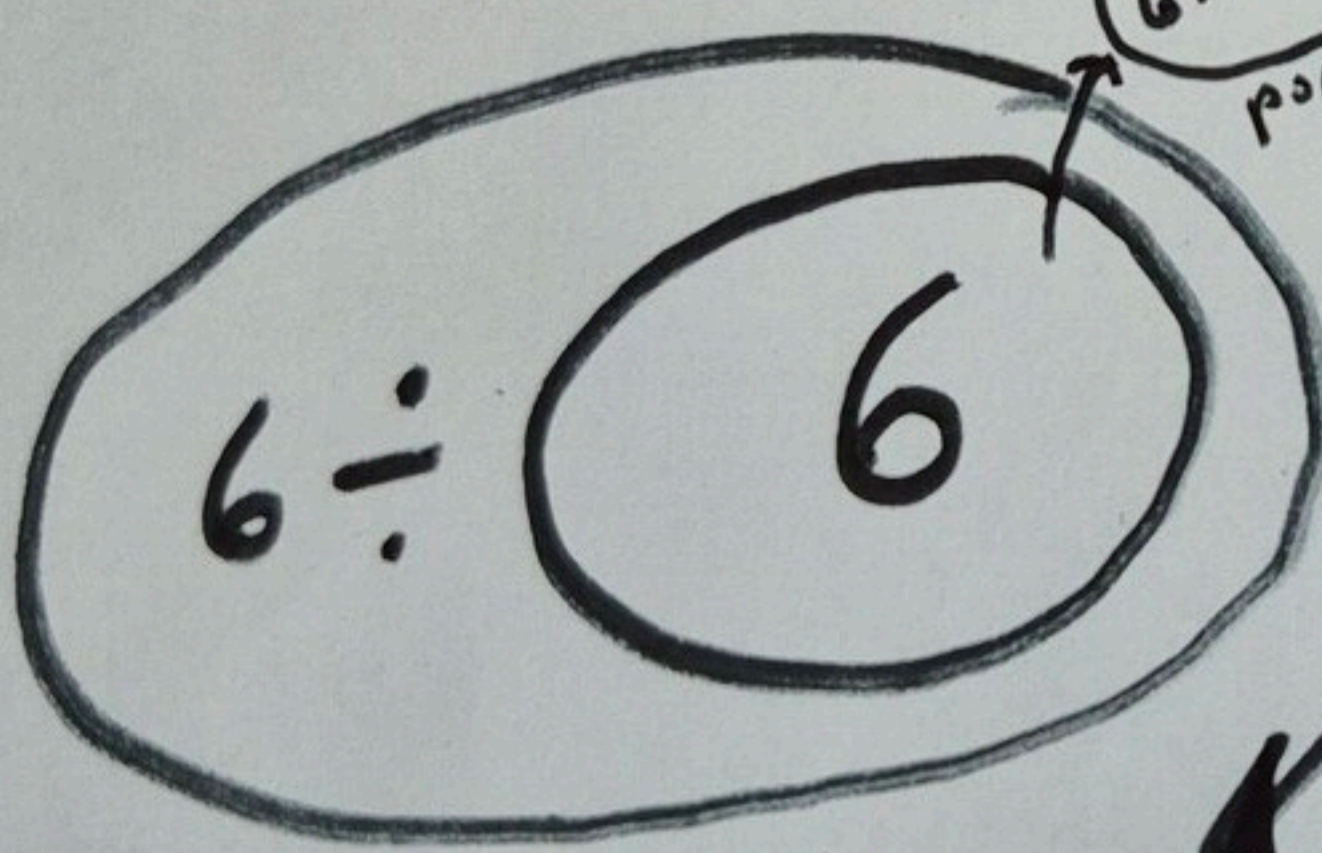


$$(6 / (2(3)))$$

correction:  
(I skipped a step)



$$6 \div 6$$

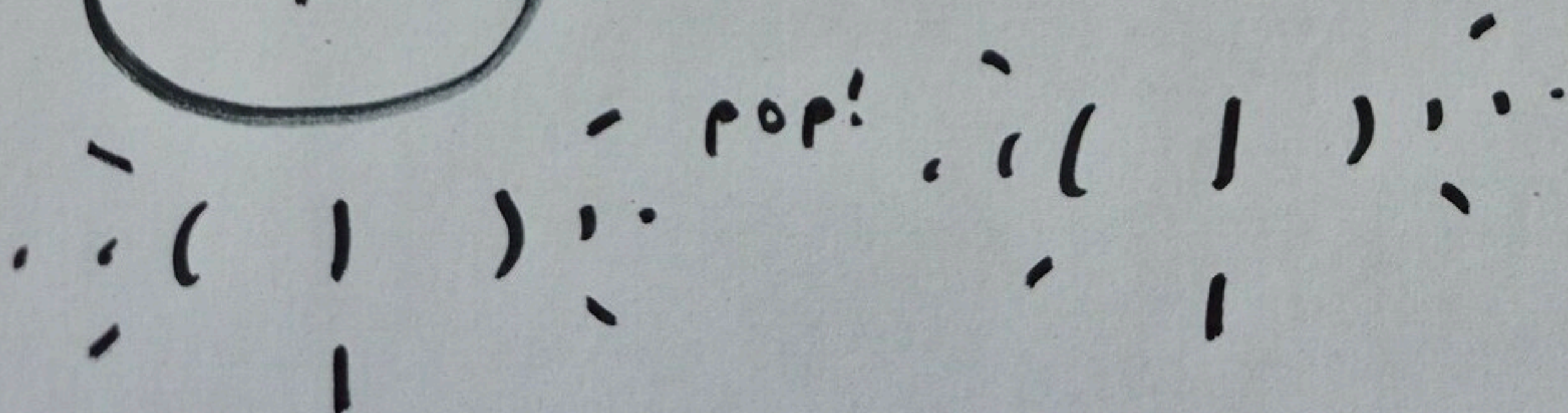
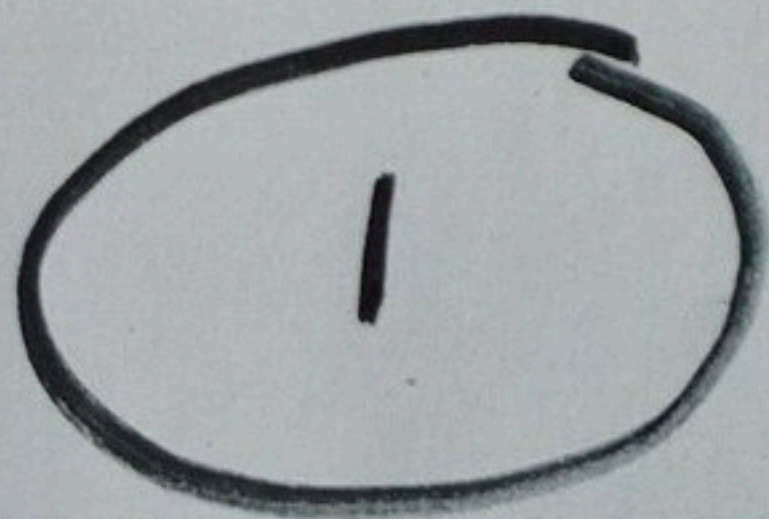


$$(6 / (6))$$

$$(6 / 6) \text{ (Implicit)}$$

← here

$$(1)$$



Solve using sphere-pop:

$$1 - 3 \times 2^2 =$$

$$(1 - (3 \times 2^2))$$

$$((1) - ((3) \times (2^2)))$$

A hand-drawn diagram of the expression  $1 - (3 \times 2^2)$ . The entire expression is enclosed in a large circle. Inside, the number 1 is circled, followed by a minus sign. The product  $3 \times 2^2$  is enclosed in a circle, with 3 and  $2^2$  each individually circled.

A hand-drawn diagram of the expression  $1 - (3 \times 4)$ . The entire expression is enclosed in a circle. Inside, the number 1 is circled, followed by a minus sign. The product  $3 \times 4$  is enclosed in a circle, with 3 and 4 each individually circled.

A hand-drawn diagram of the expression  $1 - 3 \times 4$ . The entire expression is enclosed in a circle. Inside, the number 1 is circled, followed by a minus sign. The numbers 3 and 4 are each individually circled.

A hand-drawn diagram of the expression  $1 - 12$ . The entire expression is enclosed in a circle. Inside, the number 1 is circled, followed by a minus sign. The number 12 is circled.

A hand-drawn diagram of the expression  $1 - 12$ . The entire expression is enclosed in a circle. Inside, the number 1 is circled, followed by a minus sign. The number 12 is circled.

A hand-drawn diagram of the expression  $-11$ . The entire expression is enclosed in a circle.

NAZA  
3

Learned  
2

Trans

00 ← 10  
01 → 00  
10 ← 00

lecture 0

12:L

7:01

דָּר

רָר

=  
רָ

רָר רָר רָר רָר

רָר

רָר רָר רָר רָר רָר רָר רָר

רָר

= רָר רָר רָר =

רָר  
רָר  
רָר

רָר  
רָר

רָ

רָר רָר רָר רָר

רָ

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→ Chris Williams at  
The Shocary Research

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(meem)

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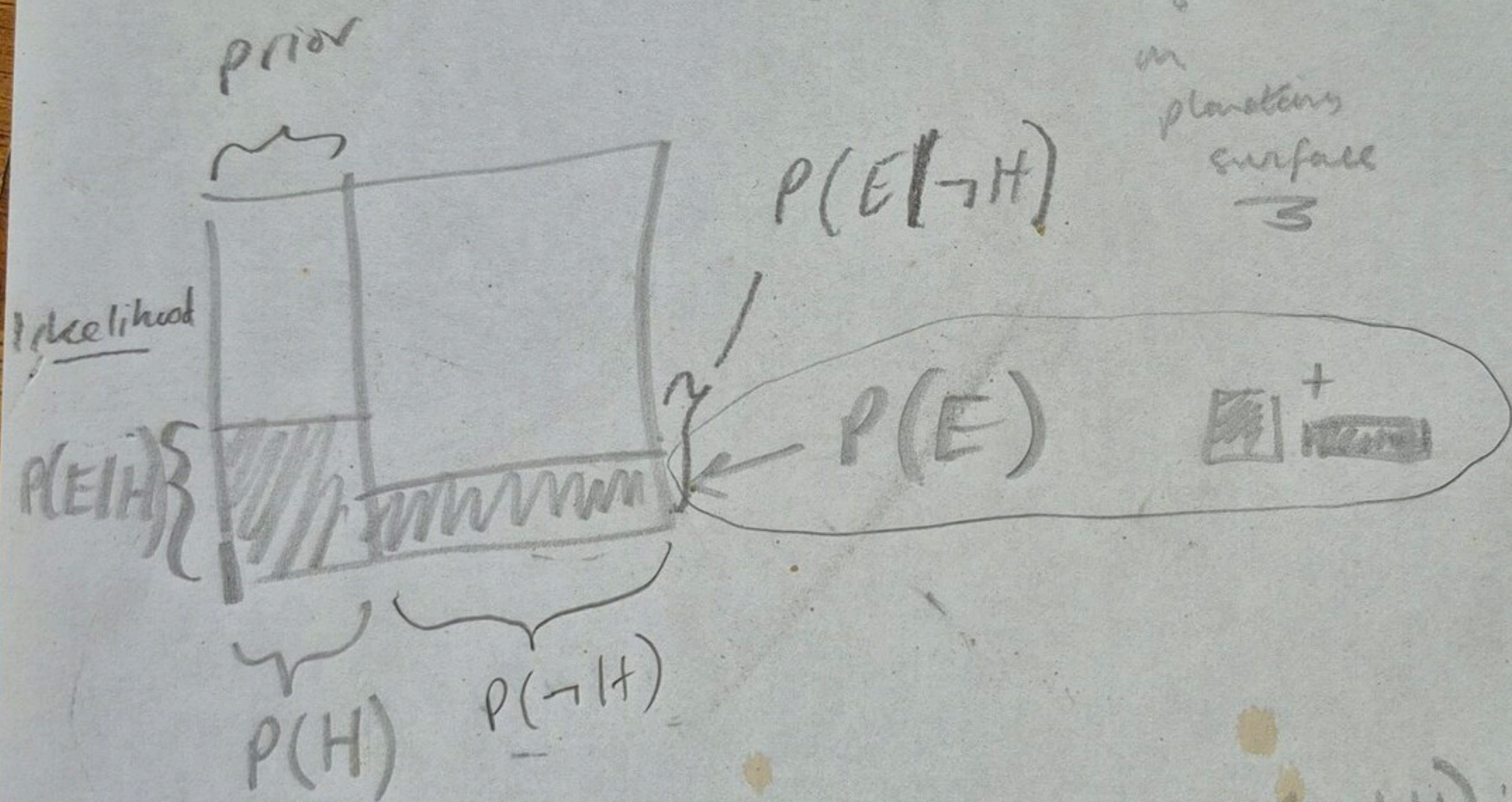
noon

launch guide bot

will  
 automatically  
 launch  
 in direction  
 of nearest  
 star

will colonize/seed  
 first planet it reaches

time goes  
 1 second  
 per  
 second  
 on  
 planets  
 surface  
 3



posterior

$$P(H|E) = \frac{\text{shaded square}}{\text{shaded square} + \text{unshaded square}}$$

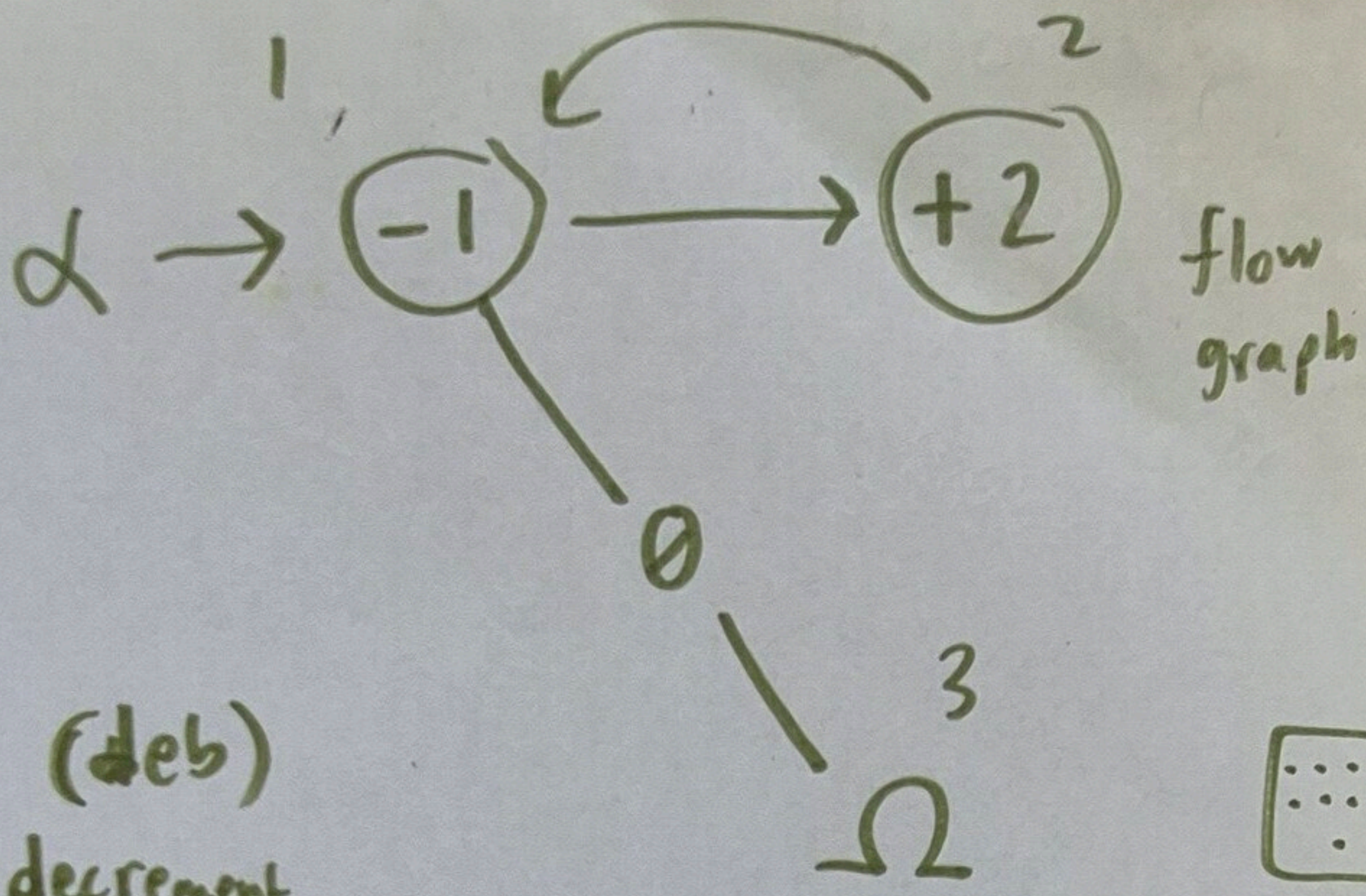
$$\frac{P(H) \cdot P(E|H)}{P(E)}$$

probability of hypothesis  
 of evidence  
 given  
 no  
 evidence

probability of hypothesis and the probability of the evidence given the hypothesis

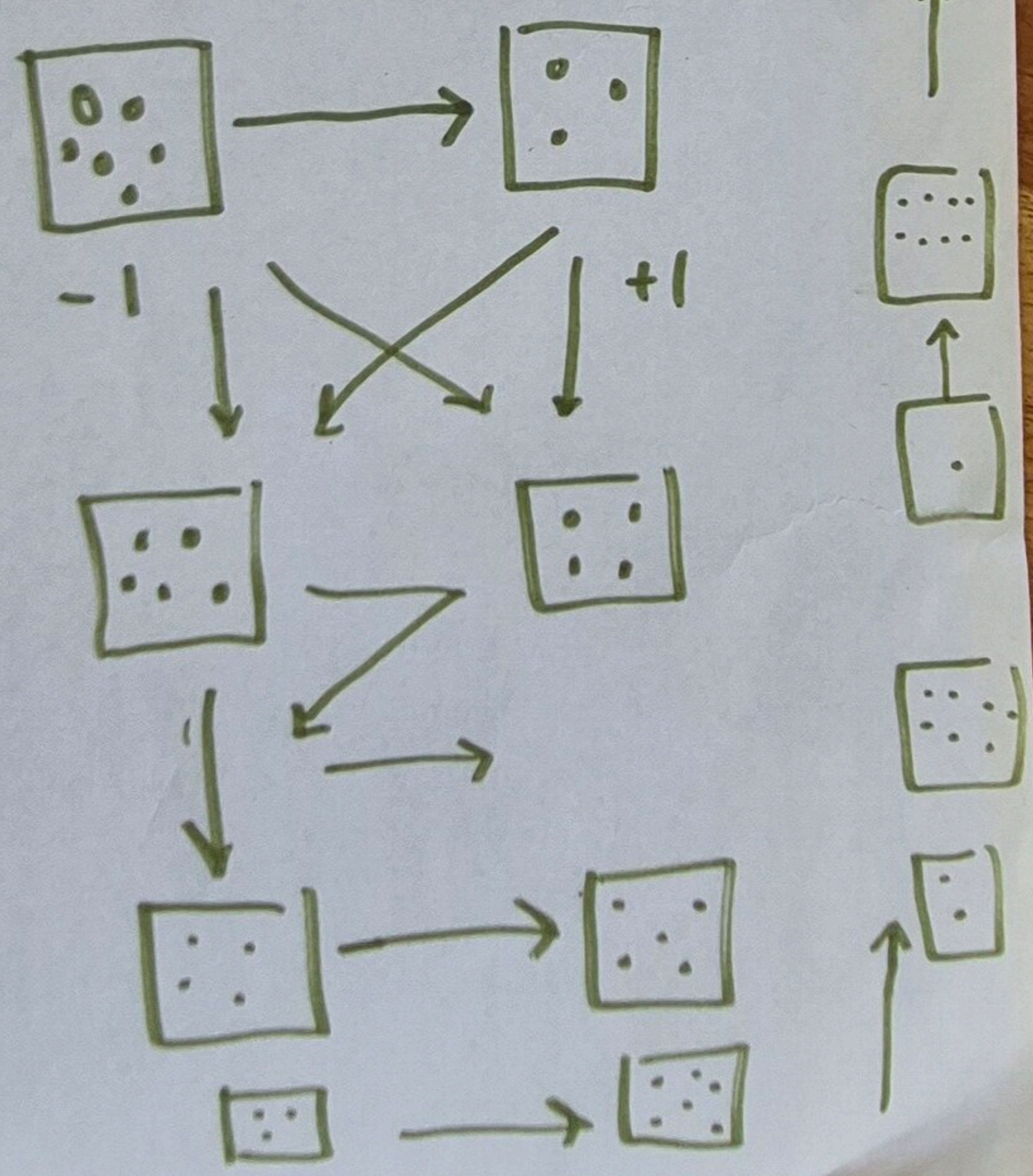
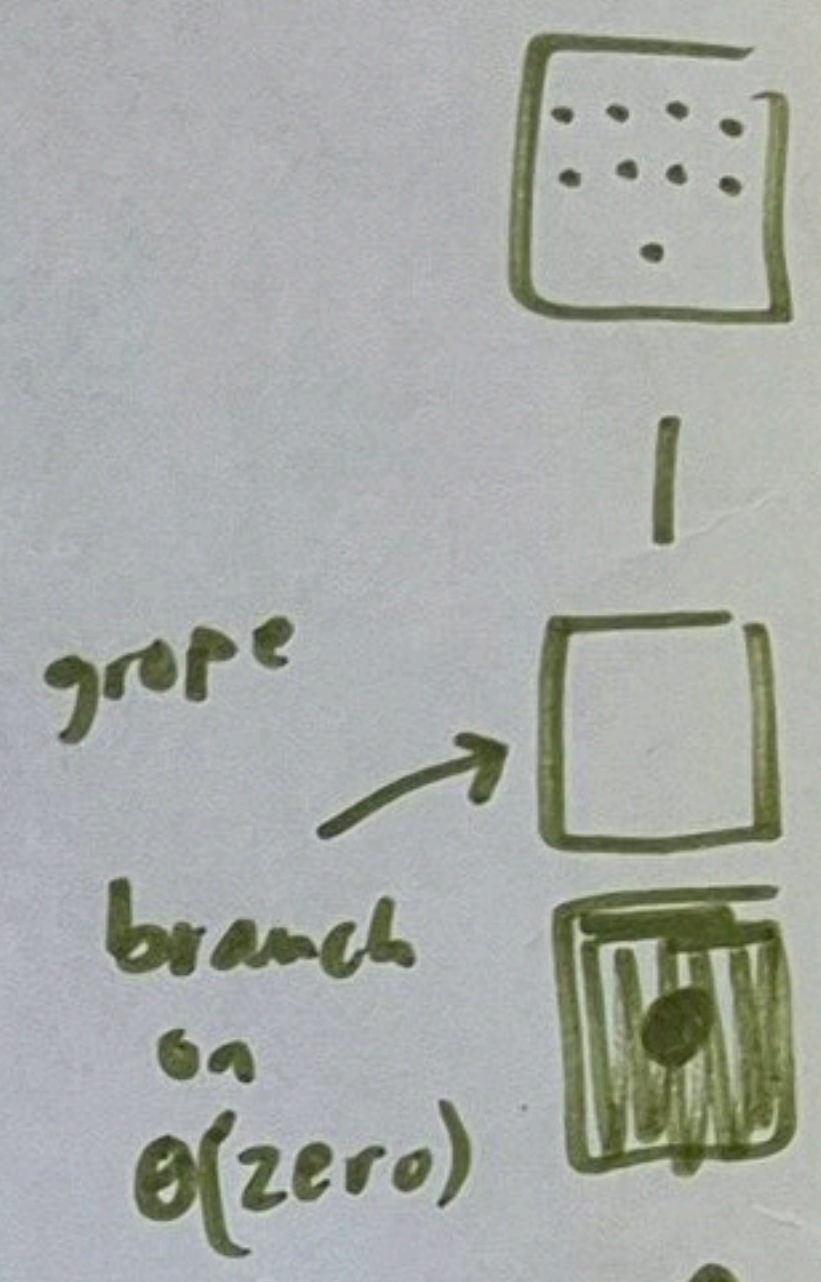
total probability of the evidence

$$P(E|H)(P(H)) + P(E|\neg H)(P(\neg H))$$



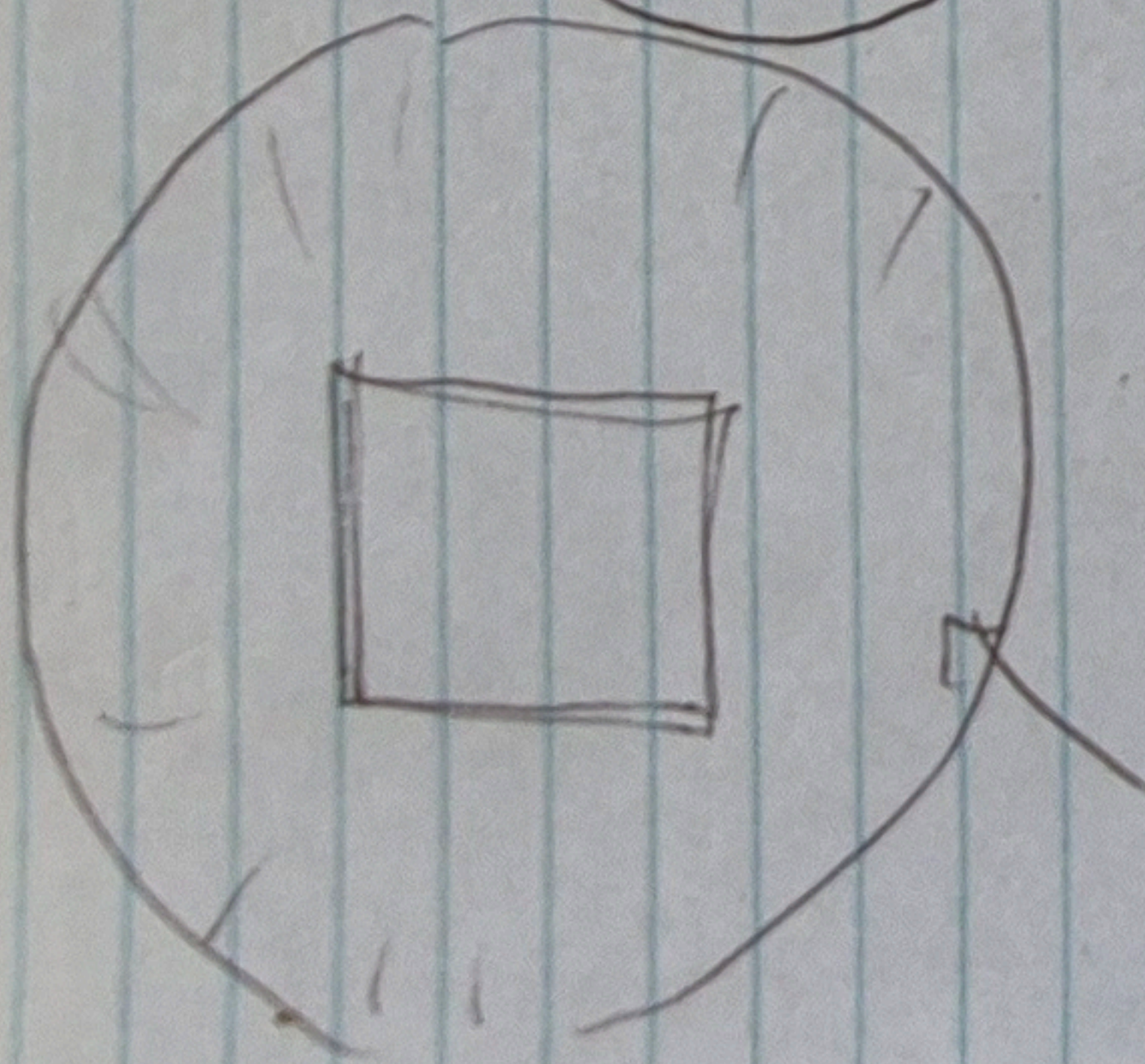
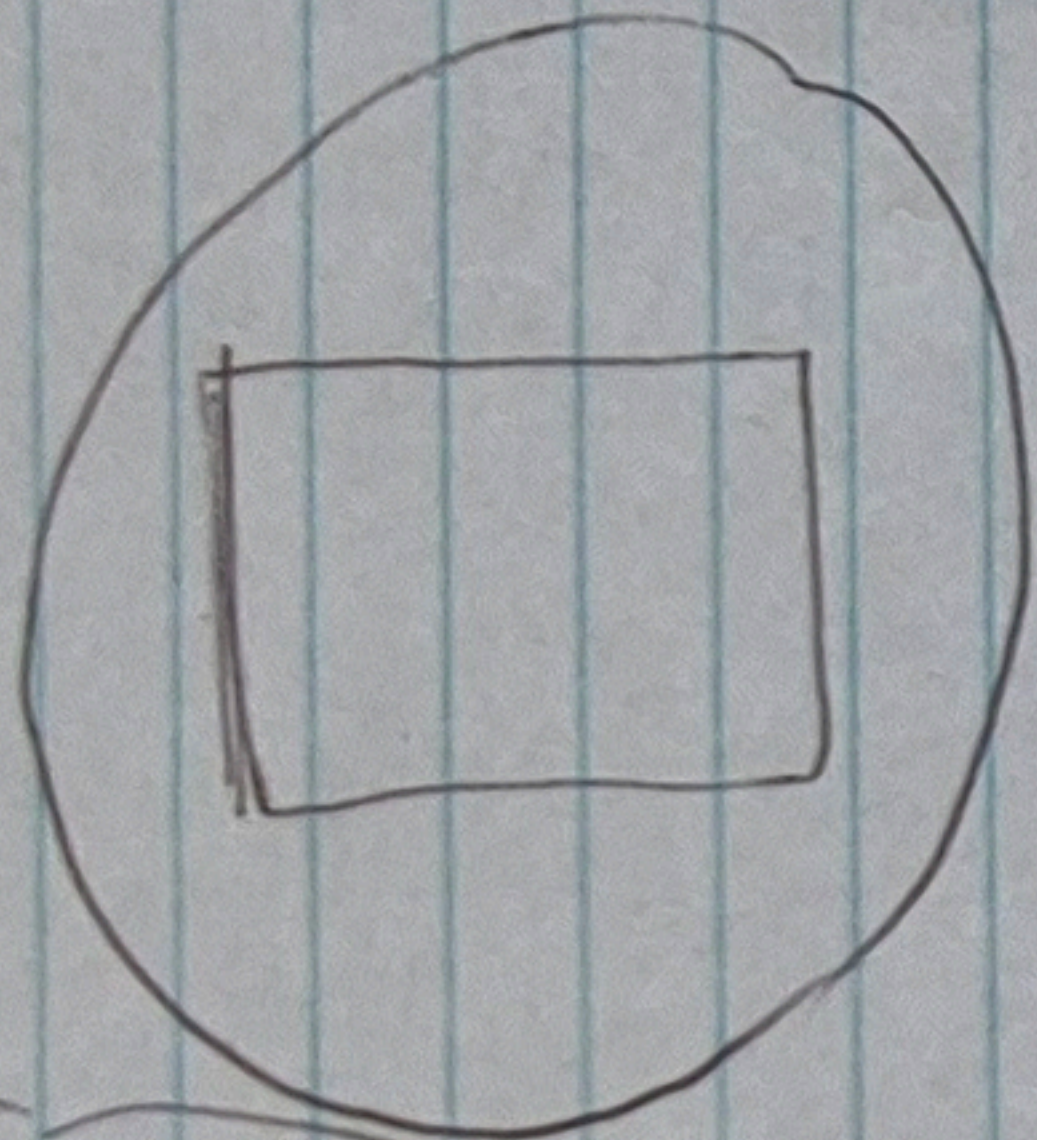
(deb)  
- decrement  
or  
branch  
(on 0)

+ increment

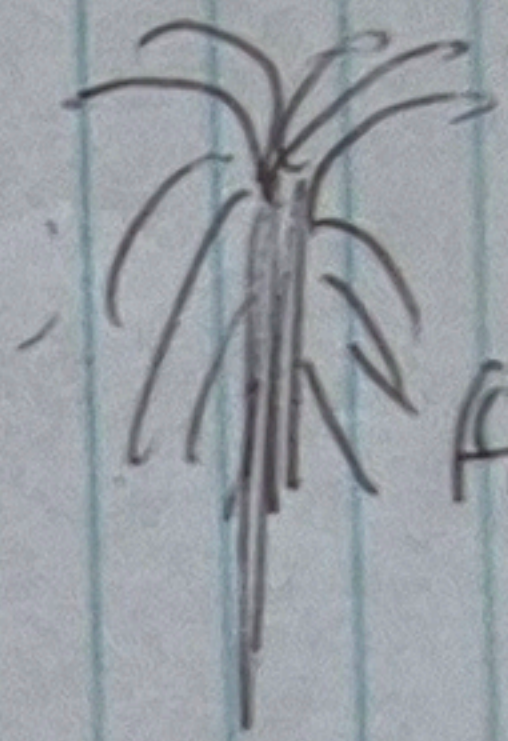
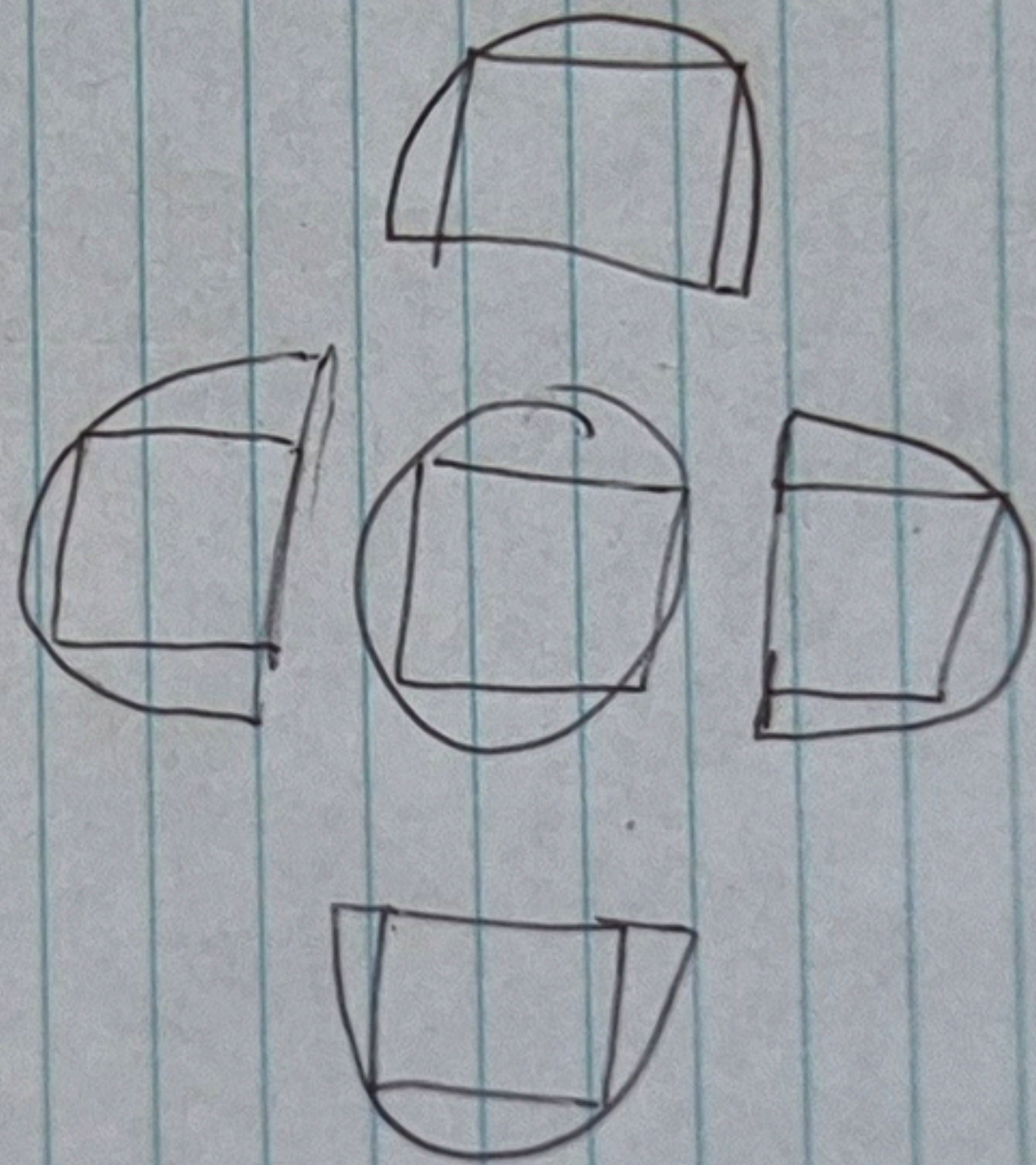


# Central Metaphors of Haploproxis

- 6 degrees of freedom <sup>(depth)</sup> ~~depth~~
- Circles - of - Evaluation
- qwerty keyboarding
- bags of words
- Wikipedia
- Standard Galactic
- music



a round screen  
 with "dead pixel" area  
 could modify to eye  
 gaze and  
 maintain squareness

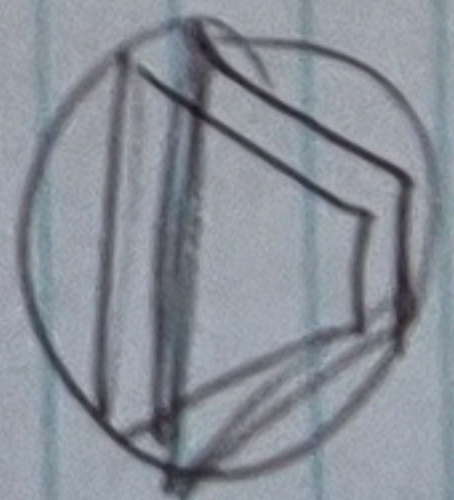


Fiber optic display  
 relay

a way to



make  
 screens  
 at base



laser/  
 infrared  
 pong

~ ! @ # \$ % ^ & \* ( ) \_ +

1 2 3 4 5 6 7 8 9 0

!	!!	@!	#!	\$!	%!	^!	&!	*!	(!
@	!@	@@	#@	\$@	%@	^@	&@	*@	(@
#	!#	@#	##	\$#	%#	^#	&#	*#	(#
\$	!\$	@\$	#\$	\$\$	%\$	^\$	&\$	*\$	(\$
%	!%	@%	#%	\$%	%%	^%	&%	*%	(%
^	!^	@^	#^	\$^	%^	^^	&^	*^	(^
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*	!*	@*	#*	\$*	%*	^*	&*	**	(*
(	!(	@(	#(	\$(	%(	^(	&(	*((	((
!)	@)	<del>@)</del>	\$)	%)	^)	&)	*	( ) !)	((
		#)					*)		

Roaming mural project

environmental organization

Lisa Ji

Recycling Hero

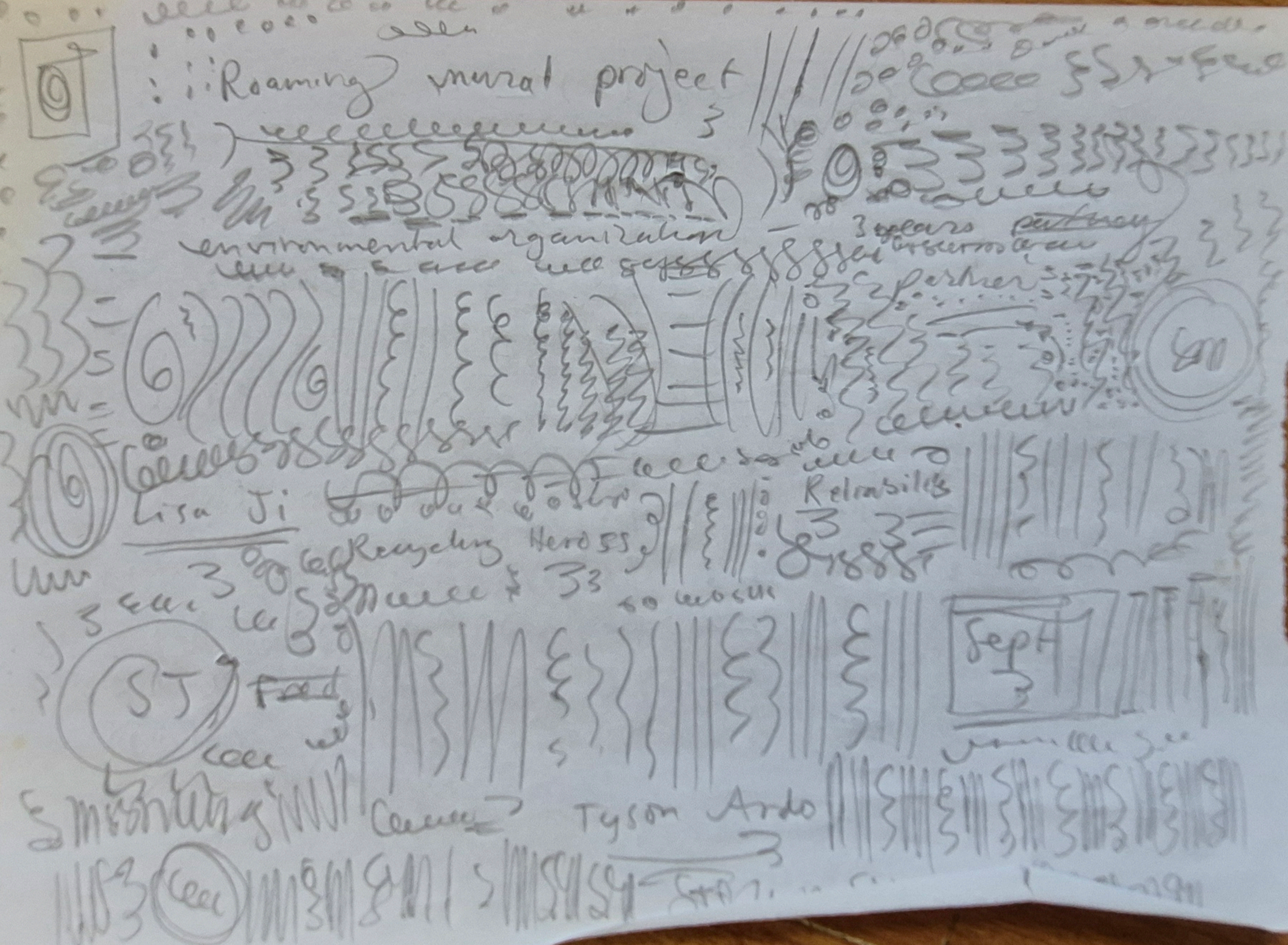
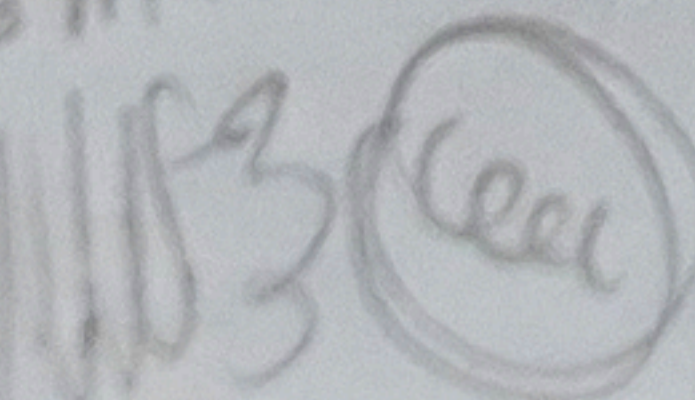
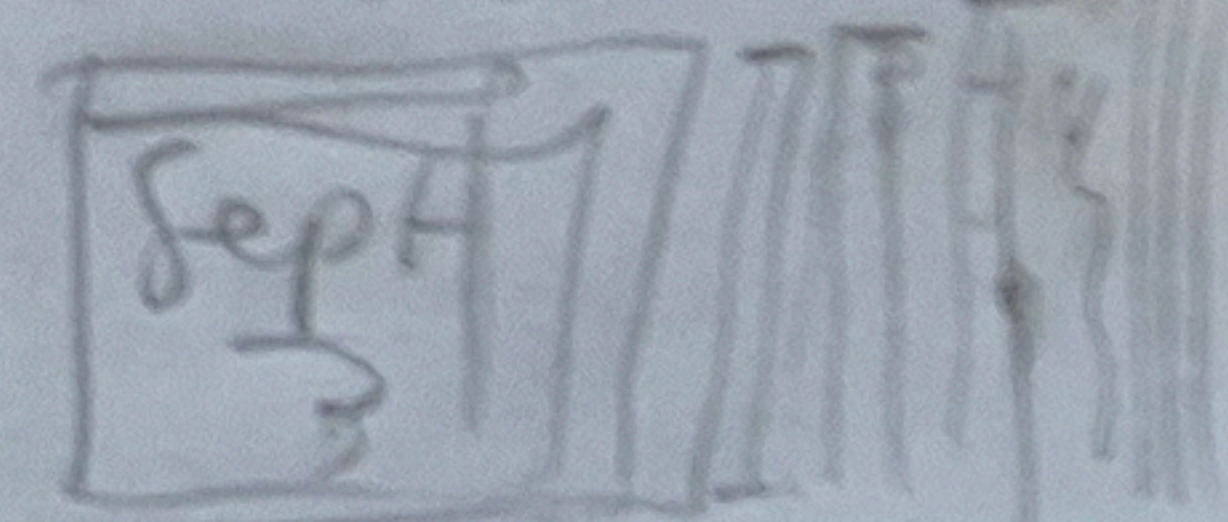
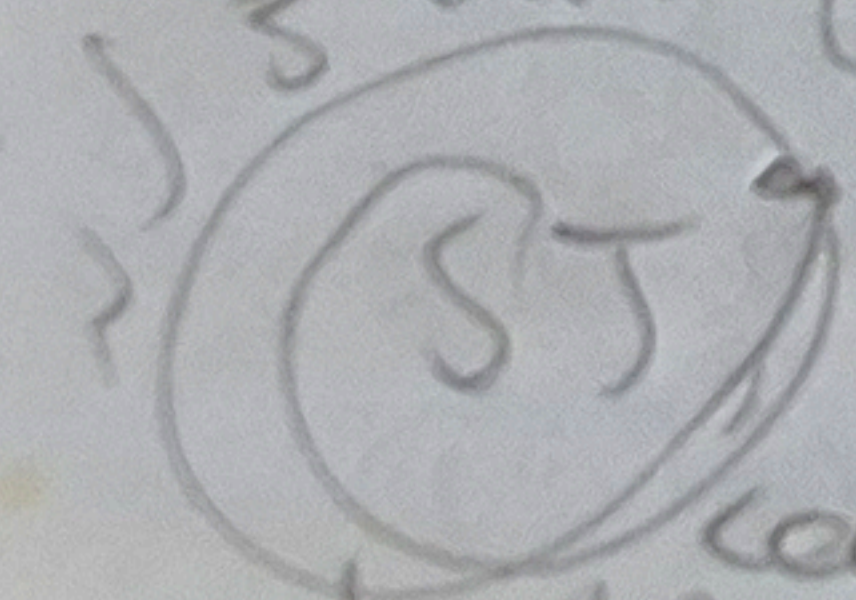
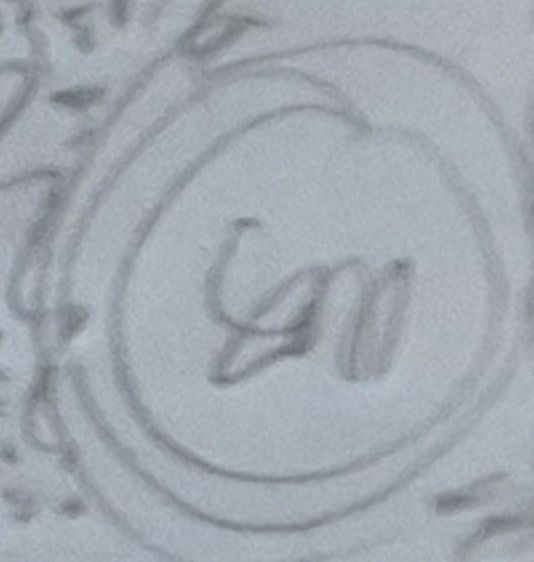
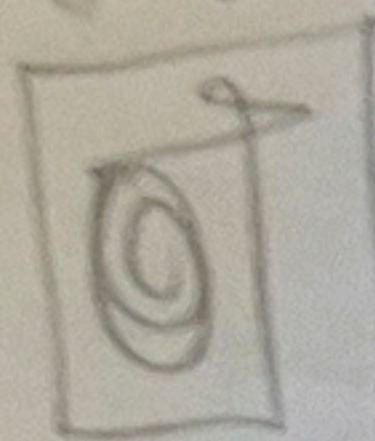
Reliability

ST

Fred

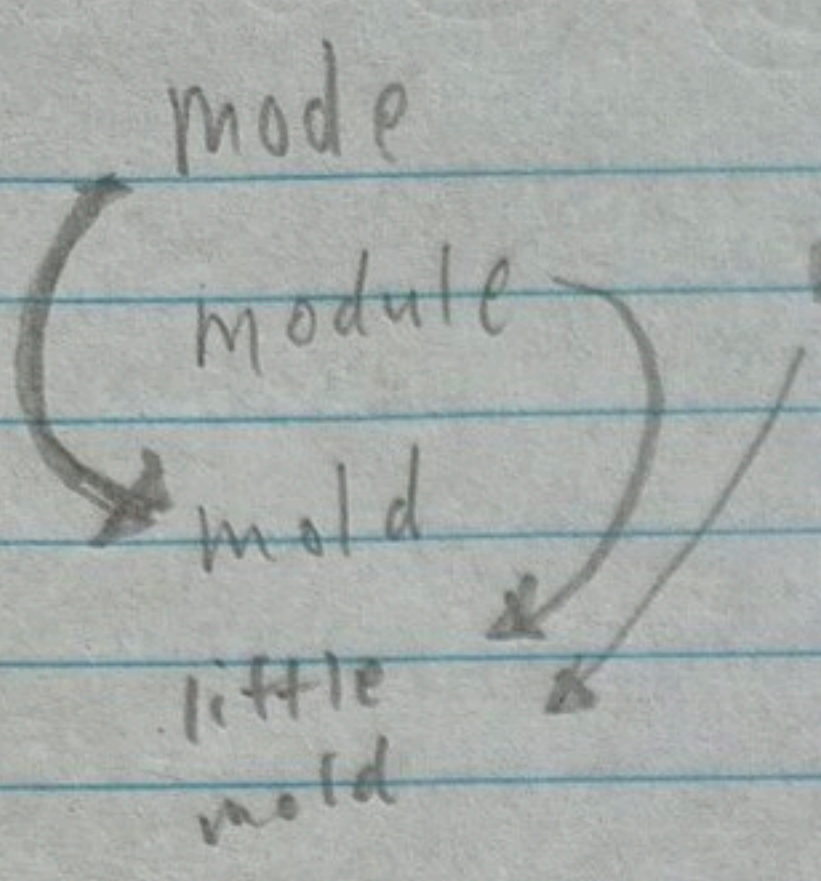
Sept

Tyson Ardo



%

doublet-free language



modulus

"literate" is  
add  
redundancy  
back in

Ways to shorten

remove doublets  
(redundance)

variation synonyms  
(but this is the same  
vocabulary level)

relative  
shorten length of  
spaces

liquid-rescale  
original words

add consistency  
to abbreviations  
once sentences  
do not lengthen

remove  
repetitions

remove previous  
reading

previous  
bits

0000  
0000  
0000

that need  
to  
specify the  
length  
or stop  
when satisfied

look for  
shorter  
ways to  
say  
phrases

2nd step

collocation  
rephrase dictionary

A (age, previous knowledge, skill,  
of explicit marketing  
heuristic)

logical passage

final product

metachment

metachment

describe metachment

- books,
- movies,
- video game,
- audio book,
- images,
- summaries

word plus

Sword sword? ish

quote comma dot py

" ; ? py fgcr |

q o e u i d h t n s

: Semicolon q j , k x b m w  
; <sup>double</sup>  
Half-double you

- Rocket
- ahk - ring
- bash - pwct
- emacs
- go
- vim
- Rust
- supernova
- gimp
- blender
- c++
- python
- Julia
- R
- docker
- kubernetes
- ~~and~~ zee
- byobu/trmux
- English
- Greek
- Latin
- Spanish
- Arabic

Sandbox.ring

see fact(170)

func fact x if x=0 return 1  
else return x \* fact(x-1) ok

7257415615307994045399635  
7155895914678961841172422  
5780340554421175569324621  
5271577444614997868077640  
0131841176271985826801597  
7432472479790779953366194  
2998068579328576805336088  
6112149825437081356365699  
0432878846140027884614002  
7884906945304696617530078  
0189696256372110461924235  
7348735986883814984039817  
295623520648167424.00

see fact(171)

inf

PG \*ainaz  
PIE \*óynos

AINNSainns

\*sem

\*prb  
\*semHos  
\*sem  
\*sm-

AINNS

AINAKNS

\*ey (he, she, it)

\*nos } verbal  
\*tos } adjectivizer

one

\*isāhe

forsaken

widow

(alone)

the the

desolate  
(solo)

isolated

{ \*yos } that, who, which  
{ \*tyos

ΕΙς

single-handed

greek

singly

iter em } this, that  
other

Latin

αΐς

doric, lesbian

is ea id iī eae ea

ΕΕΙς

epic

eī

PH

eius

eōrum eārum eōrum

\*hens

\*hnia

ei

iīs

eī

eīs

PIE

eum eam id eōs eās ea

\*sem, \*smih

eō eā eō

iīs

iīs

eīs

Sanskrit

sakṛta

Semper

-mycenaean Greek-

→ A M P r ↓

e-me  
hemēi

सकृत्

$$(P \Rightarrow Q) \wedge$$

$$(Q \Rightarrow P) \equiv$$

$$P \Leftrightarrow Q$$

$$(P \rightarrow Q) \wedge (Q \rightarrow P)$$

$$\equiv P \leftrightarrow Q$$

Personal User-interface for Creative Backscatter  
and mathematical compression of musical alphabet literature  
of wetware; a large language model for  
recursive-holographic steganography of Entoptic Phenomena  
Physics Universe

Chemistry

Biology

Compressor  
of  
Compressor  
Theory

Mathematics

Compression

of  
consciousness,  
art, music,  
and intelligence

Music

Alphabet Literature

Wetware: A large language model for  
Recursive-holographic-steganography of  
Entoptic phenomena

~~Wetware~~ ?

PUCB

personal user-interface for

MC Malware

~~Wetware~~  
creative backscatter

mathematical compression of musical Alphabet Literature

# Ideas

±:|:| 477:|:| 577:|:| 677:|:| 777:|:| 877:|:| 977:|:|

A command like with hotkey  
to  
add a new  
command

I guess with does this although  
I really never use it, since I just  
open up Notepad with my hotstrings.  
and use with + S & F8  
to save and run it.

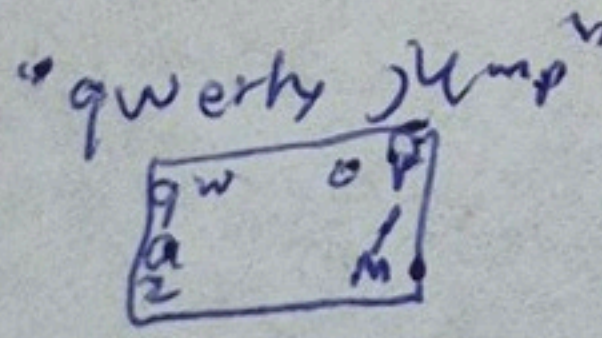
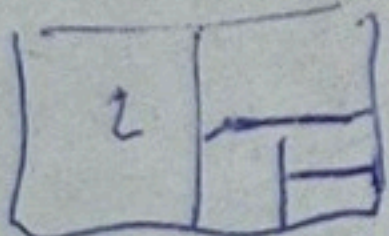
Byobu  
Tmux

maybe I can alter the command to  
make it more intuitive.

emacs helm  
and  
vim-like jumping

It is annoying to have to select  
text first, it would be nice  
to be able to control

Binary  
"zoning in"



mouse and selections  
from the keyboard,  
like mouse keys,  
but I would  
also like to

△ □ ○ ★  
○ □ △ ★

4-sided flashcards?

"fly" my cursor  
around. I want  
to be able to  
explore my files  
and settings in  
3d.



also  
in  
3d





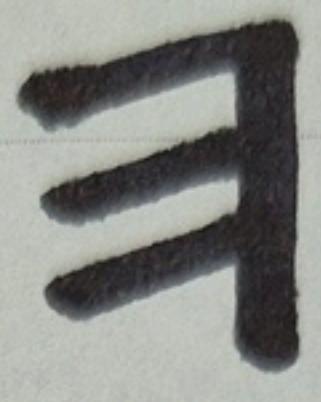













A program to study

my shortcuts, their  
commands,  
and a brief description, categories

Could organize commands and trigger them as models.

Adapt  
for languages,  
and science.

# Calligrapher

0x10900	0x10901	0x10902	0x10903	0x10904		
						
0x10905	0x10906	0x10907	0x10908	0x10909		
						
0x1090a	0x1090b	0x1090c	0x1090d	0x1090e	0x1090f	0x10910
						
0x10911	0x10912	0x10913	0x10914	0x10915		
						

עכנעקע יתה דתדר ועלש יתה טאןט: קר הטיל! זוק  
 טרענע יתה דעטענעלע טדר, טענר דתדר ועלש:  
 עו יזטע 12,45 רטע יתה: רעט טאןט: טע טאןט: זוק  
 טדר קר טיה רטע יתה: דעטענעלע טדר, דתדר  
 טע טאןט: זוק! זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 טדר עו, ט, רטע יתה: זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק! זוק!

קר רטע זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 טדר זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק! זוק!

**ΔΕΛΦΟΙ ΑΠΕΔΩΚΑΝ ΝΑΞΙΟΙΣ ΤΑΝ  
 ΠΡΟΜΑΝΘΙΑΝ ΚΑΤΤΑ ΑΡΧΑΙΑ  
 ΑΡΧΟΝΤΟΣ ΘΕΟΛΥΤΟΥ  
 ΒΟΥΛΕΥΟΝΤΟΣ ΕΠΙΓΕΝΕΟΣ**

דער זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק!

— זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק!

זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק!

**[ יענע זוק! זוק! זוק! ]**

זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק! זוק! זוק! זוק!  
 זוק! זוק! זוק! זוק!

# Much-Needed Inventions:



BLUE MILK

• Bone conduction earphones

• Lidar subvocalization surgery

• Universal X-rays for motor vehicles

• Electric plant hydrometers

Ice cream maker

• Glasses that do not touch your nose.

- sturdy lens
- optical scanning diodes
- uv-activated contact lenses for closed eye walking

• Self-drying socks

• Self-making bed

• Dishwashers that eat paper plates to make new plates and also clothing

• Mito-making machines

sugar oil butter whipped cream

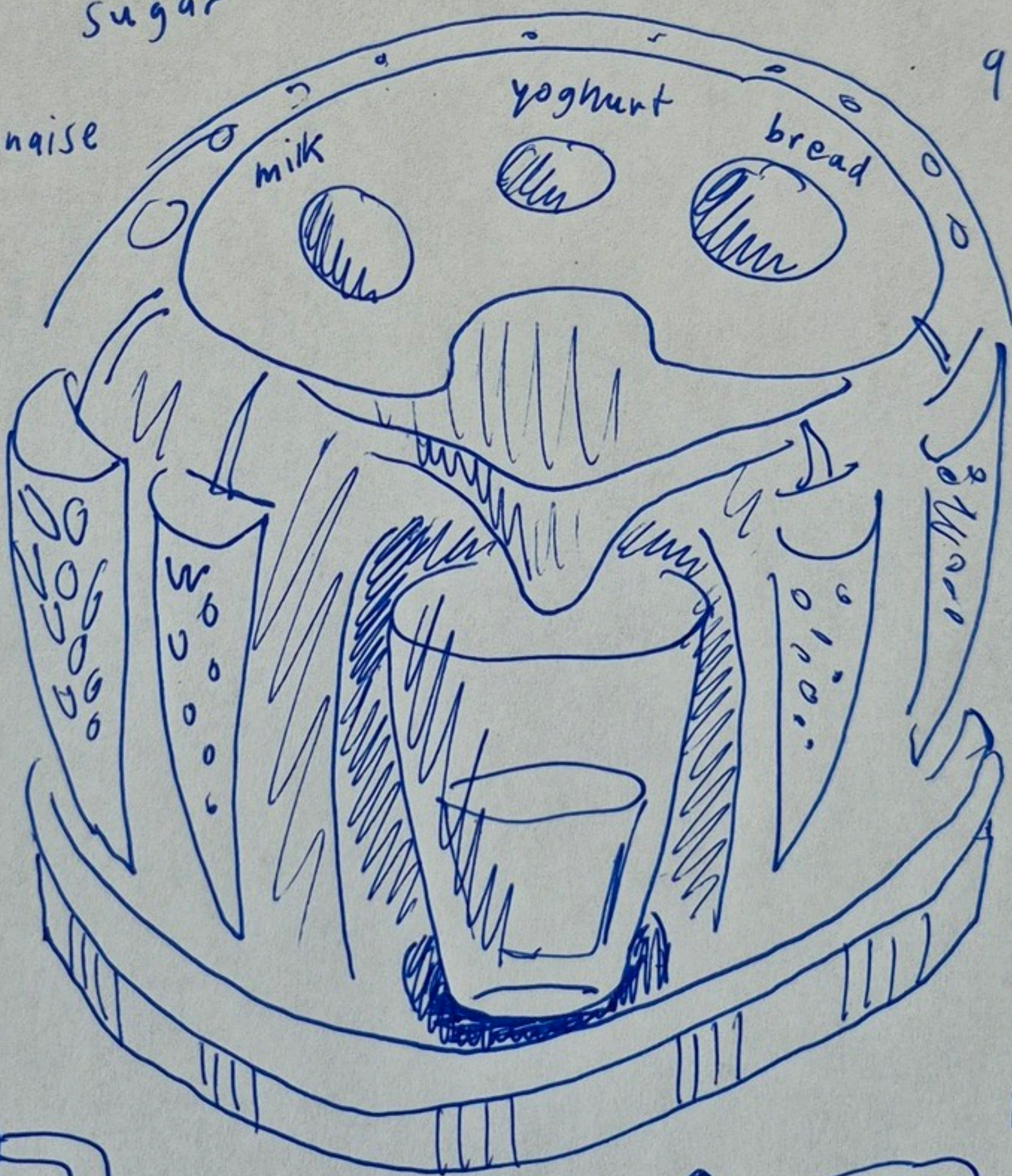
mayonaise milk yoghurt bread quinoa avocado applewood

peanuts

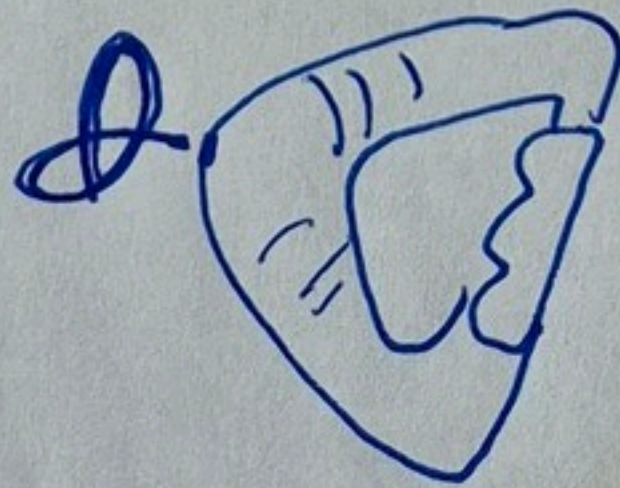
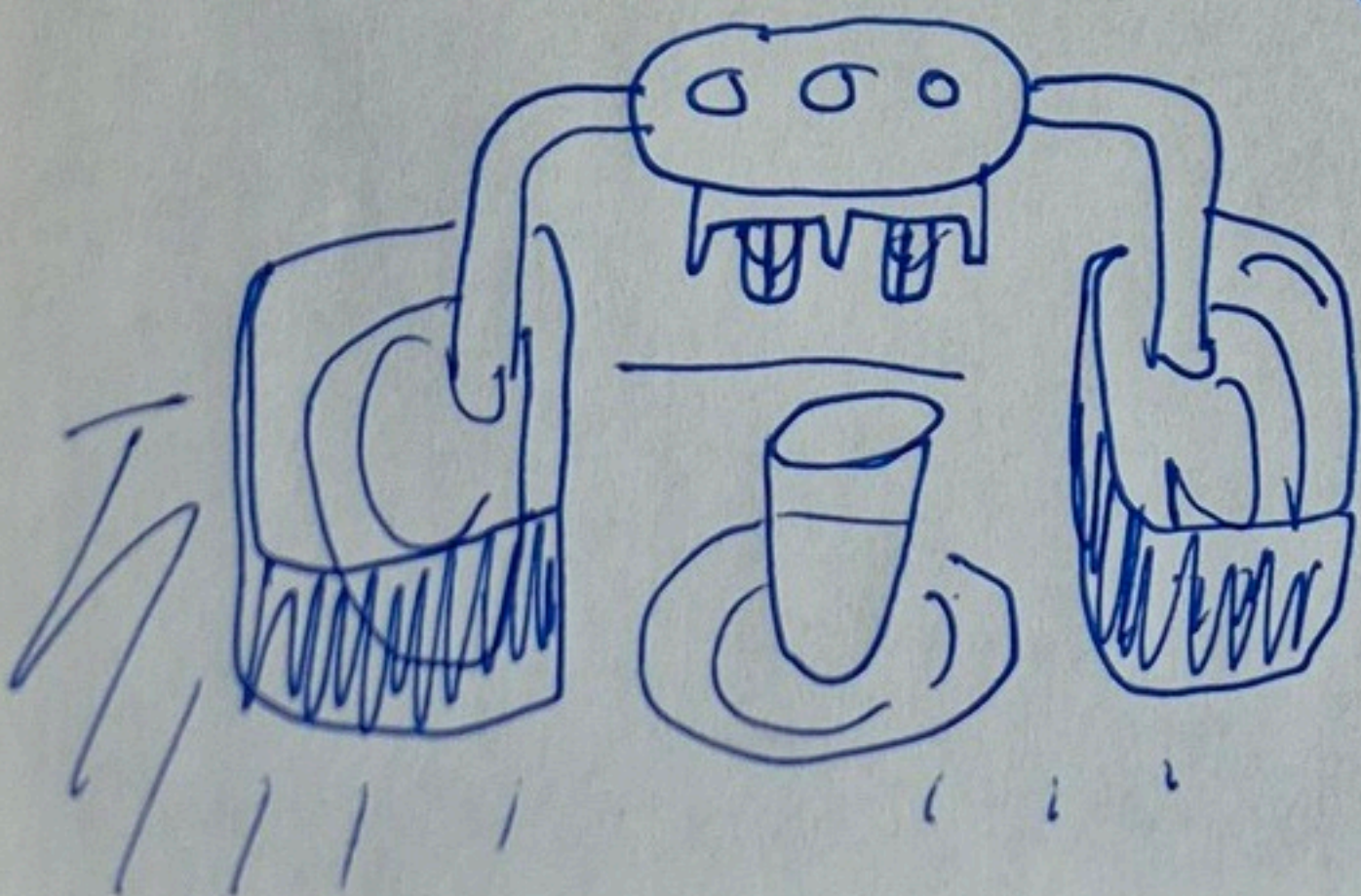
almond

soy

wheat  
oats



pretzel gun





$\emptyset$	$\nabla_n$	
$\infty$	$\Delta_n$	
$a^\dagger[\vec{x}]$	$\square \vec{v}_1, \vec{v}_2$	
$\stackrel{?}{=} , > , < , \geq , \leq$	$\Downarrow_n$	
$a[\vec{x}], b[\vec{x}]$	$a[\vec{x}] \otimes b[\vec{x}]$	
$\boxtimes$	$\triangleright_n$	$\left\{ \begin{matrix} a[\vec{x}] \\ b[\vec{x}] \\ c[\vec{x}] \end{matrix} \right\}$
$V_m, \Lambda_m$	$\triangleleft_n$	$\Sigma \left\{ \begin{matrix} \alpha \\ \beta \\ \gamma \end{matrix} \right\}$
$f a[\vec{x}]$	$\{\vec{w}_i\}$	
$a[\alpha \vec{x}]$	$\{\vec{w}_i\}[n]$	
$a[M\vec{x}]$	$\{a_i\}$	$\Pi \left\{ \begin{matrix} \alpha \\ \beta \\ \gamma \end{matrix} \right\}$
$a[\vec{x}] \& b[\vec{x}]$	$F^n a[\vec{x}]$	
$a[\vec{x}]   b[\vec{x}]$	$A_f a[\vec{x}] B_\beta$	
$a[\vec{x}] + b[\vec{x}]$	$A_\nu, A_\lambda B$	
$a[\vec{x}] - b[\vec{x}]$	$A_n$	$C$
$a[\vec{x}] \times b[\vec{x}]$	$\mathcal{A}$	$C^a$
		$\mathcal{C}$
		$D \vec{v}$
		$D_n a[\vec{x}]$
		$D(\{a_i[\vec{x}]\}, \{a_j[\vec{x}]\})$
		$\partial_x a[\vec{x}]$
		$E_m$

$P_{\vec{v}}$  $\mathcal{P}_n$  $\Pi_i \{a_i[\vec{x}]\}$  $p_{\vec{w}; \vec{v}, a, b[\vec{x}]}$  $q_{\vec{w}}$  $Q_{\vec{c}, \alpha}$  $r_{\vec{w}; \vec{v}_1, \vec{v}_2[\vec{x}]}$  $R_{\alpha, \vec{v}}$  $R_{\theta, \vec{v}}$  $\mathcal{R}$  $S$  $S_n$  $\mathcal{G}$  $\Sigma_i \{a_i[\vec{x}]\}$  $T_n$  $T_A$  $U_{\vec{v}}$  $V$  $V_{\vec{w}}$  $W_{\vec{w}, \theta_1, \theta_2}$  $WG$  $W$  $X$  $Y$  $Z$  $Z_{\vec{w}; r, m, n[\vec{x}]}$  $Z_{\vec{w}[\vec{x}]}$

$\mathcal{E}$	$k\vec{w}; r_1, r_2 [\vec{x}]$
$\mathcal{A}$	$\mathcal{A}$
$\mathcal{F}$	$\mathcal{L}$
$\mathcal{F}$	$\mathcal{L}\mathcal{G}$
$\mathcal{F}$	$\mathcal{L}_m$
$\mathcal{G}$	$\mathcal{M}\alpha$
$\mathcal{G}$	$\mathcal{M}$
$\mathcal{B}\vec{w}, \vec{f}, \vec{t}, sw [\vec{x}]$	$\mathcal{M}$
$\Gamma_n$	$\mathcal{N}$
$\mathcal{H}\alpha$	$\mathcal{N}_m$
$\mathcal{I}_n$	$\mathcal{N}$
$\mathcal{I}$	$\mathcal{O}_{\downarrow, c}$
$\mathcal{J}$	$\mathcal{O}\vec{w}; \vec{v}, r [\vec{x}]$
$\mathcal{J}_n$	$\mathcal{P}$
$\mathcal{J}$	

The Eight-fold Way of Quantum Bayesianism

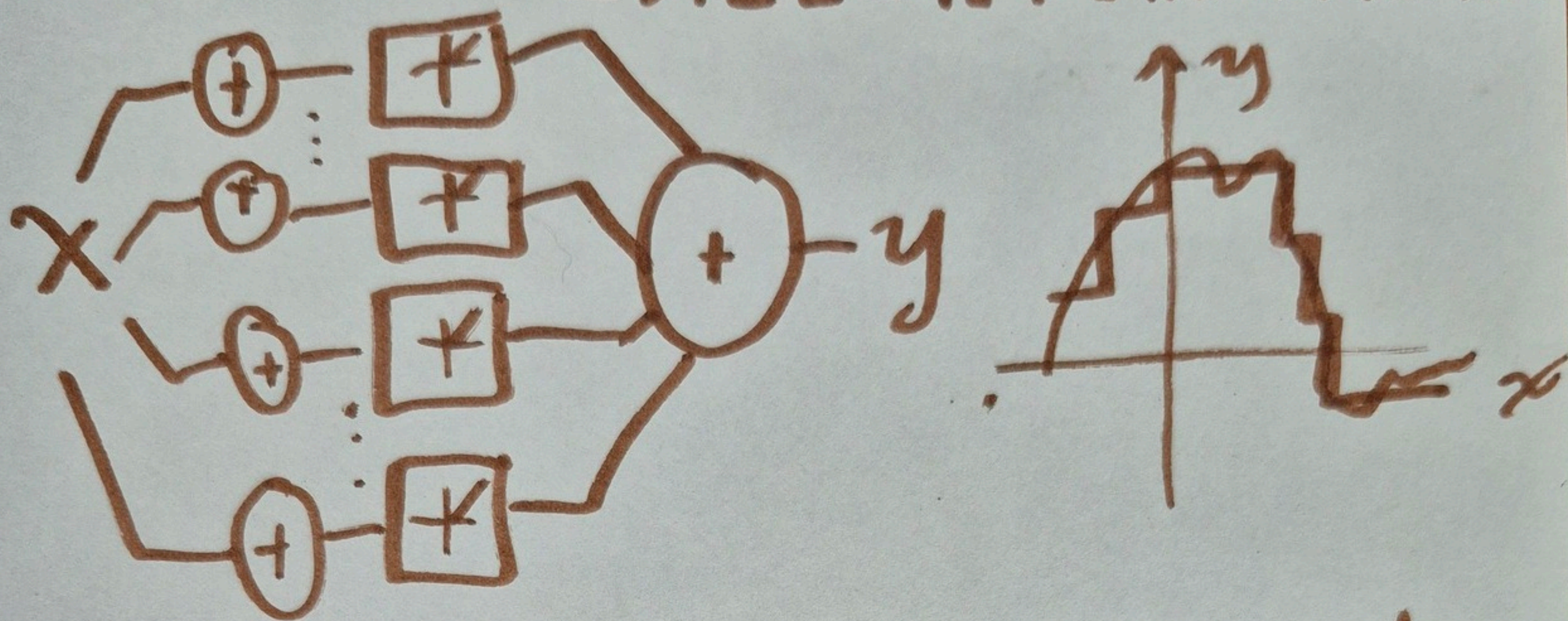
QB QB QB QB QB QB QB QB QB QB (Rubism)

Important topics to consider:

- 8 Liquid Rescale (seam-carving)  
a scientific program language + GIMP of your choosing
- 7 Bitmap Vectorization  
Not as easy as it looks.
- 6 Object Identification  
way easier than it looks.
- 5 Boredom Reduction Crash-Test  
Mind-control Helmets for Dummies
- 4 Hyperpleonastic Realism  
way more than necessary redundant repetition.
- 3 Depth Perception (Malako-dynamics)
- 2 Scale Invariance (in the definition of the triangle)
- - Extra-crispy Quantum Bayesianism

Stuff I couldn't fit on the first page:

Universal Approximation  
ニツ!±L :: 451: 5!!i!::77!57!77)



A two-layer perceptron  
can approximate a continuous function  
to any desired level of  
accuracy.

Cybenko 89 Hornick 91 Barron 93

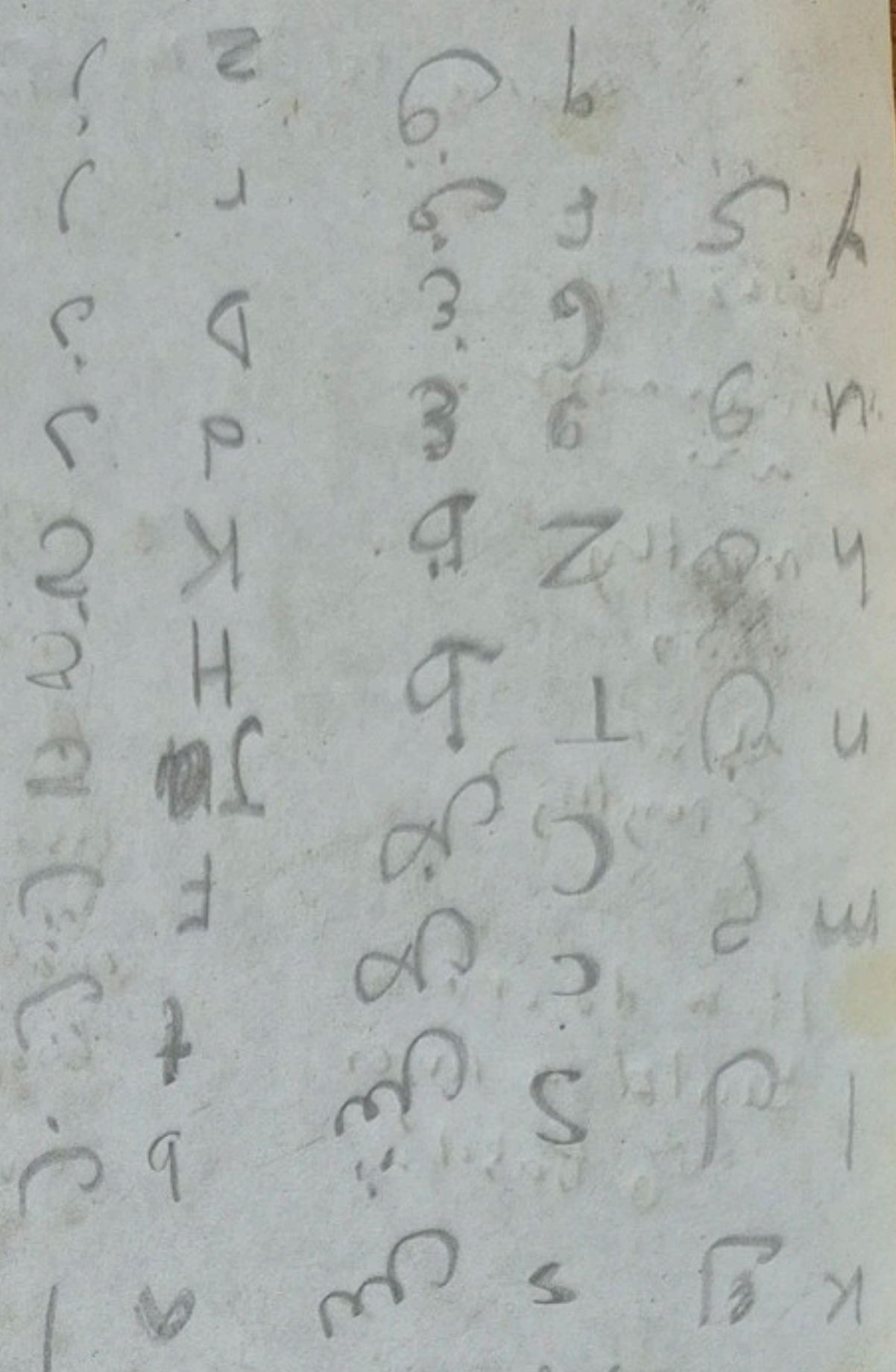
Leshno et al 93 Maierov 99 Pinkus 99

Sed Awk Vim Öbi Racket Color-depth

~~Horse~~ Horse\_e-vision Texture Mapping  
Level of Detail

"Unique" features of Maplesoft

- Depth perception language
- Standard Galadriel Algebra
- Criterion Numerals
- Simplicity (Reduced Categories)
- Cognates (nest of spheres)
- Shape dynamics (triangles)
- Malakodymians (soft power, piano forte)



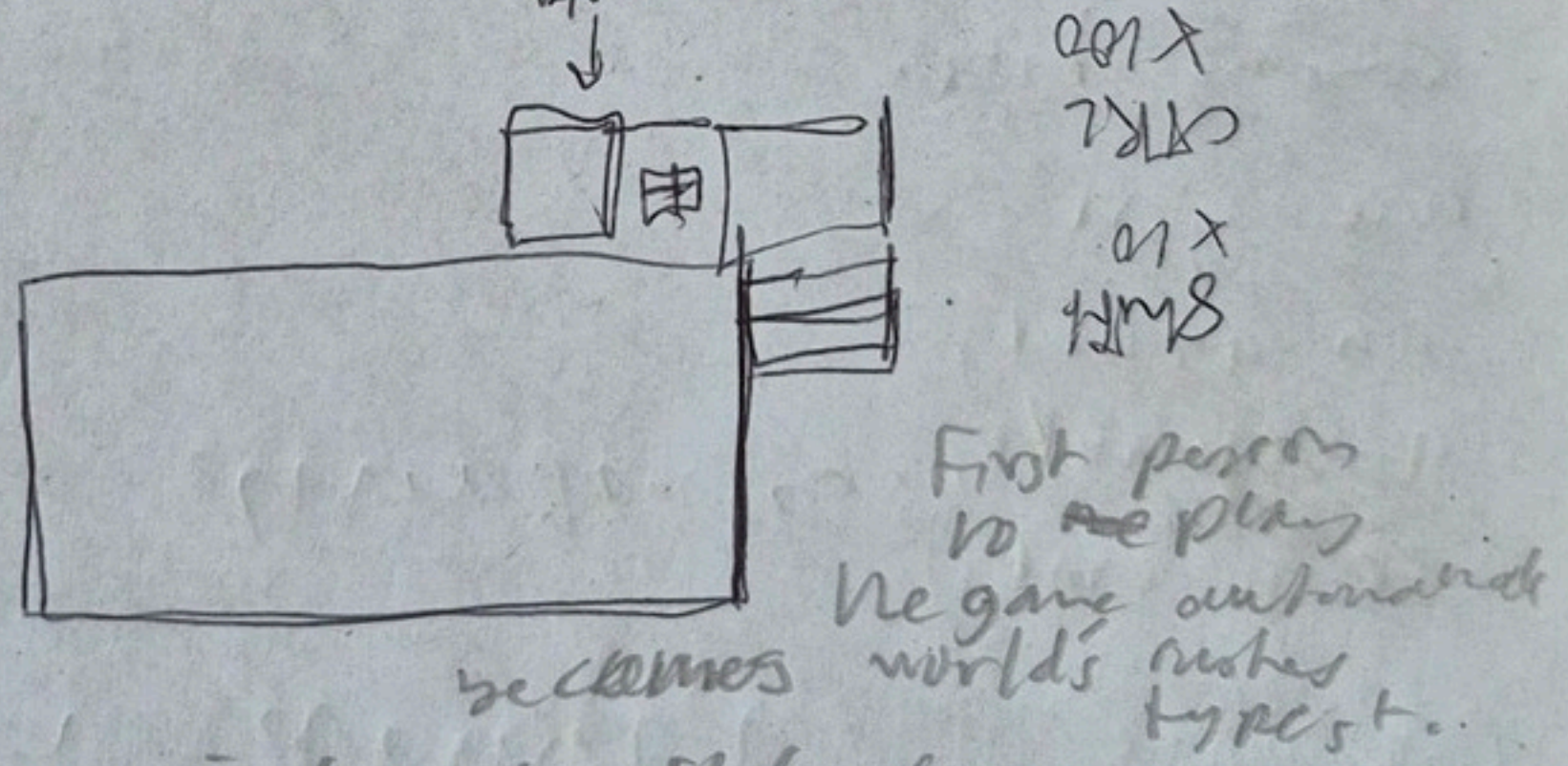
Make Government  
 Increase  
 List: correct the pattern

Version Control  
 (automatic updates)  
 + GFM + patches + keyboard shortcuts

Apple ID  
 W/number 9503

Mac OS  
 Windows

detect keymappers, autodidacts and other "physically impossible fingers"



- Animal | Magenta
- Vegetable | Cyan
- Mineral | Blue

There are subtle differences in the play style for each  
 The game tries to detect your previous colour choice and assign it to you anyway, if you chose blue but play cyan (Criterion Numerals)

SGA  
 Game

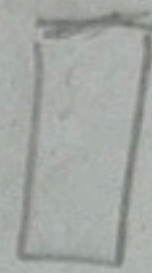
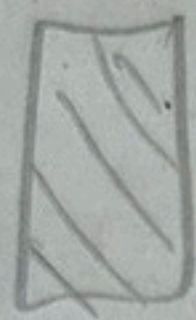
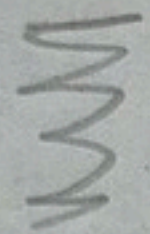
if will automatic "regress" toward cyan keep rules hidden until they are discovered

associate  
texture

red  
blue

cyan  
back slashes

forward slashes  
magenta



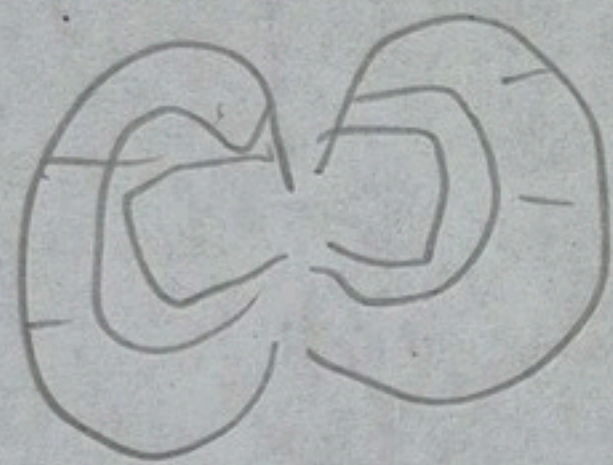
black

simulate  
greyscale-  
blacks  
by blinking  
on and  
off

simulate  
green  
by  
alternating

simulate  
red

(love/music)



horse-e-vision  
with liquid rescale

outlines/  
edges

pink hot  
flaming  
pink  
fast  
wavy

red

occlusion  
or  
depth

flashing high  
density

blue

planned/  
proposed  
flashing low  
density

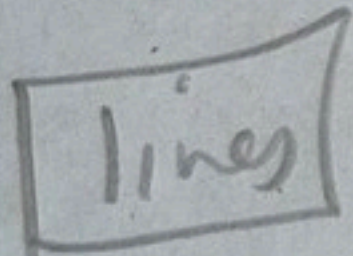
Indigo/violet

temperature cold  
velocity flashing  
many  
slowly

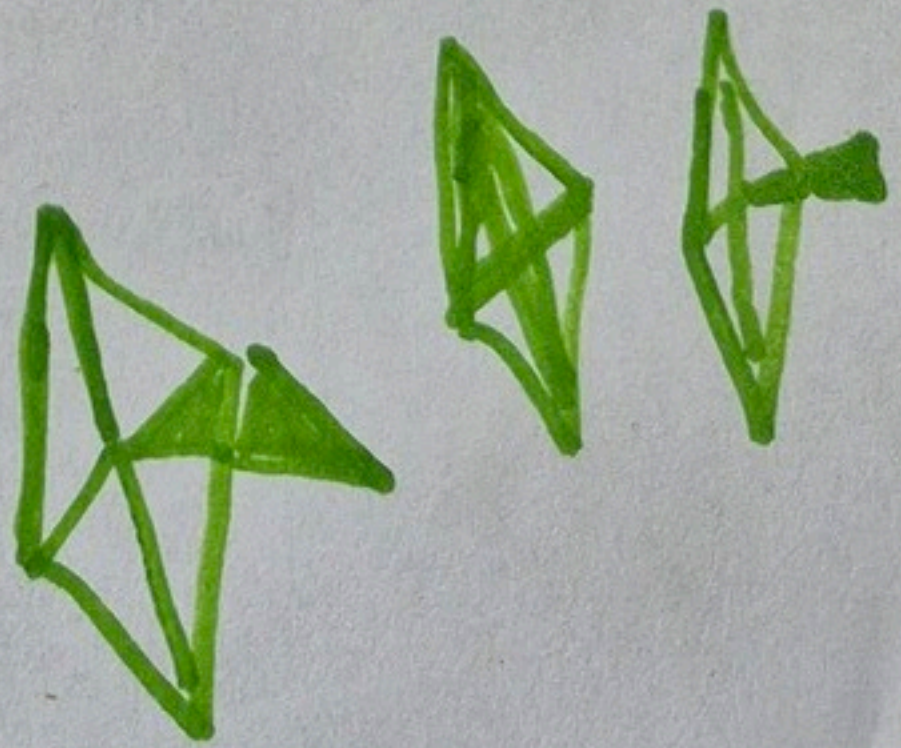
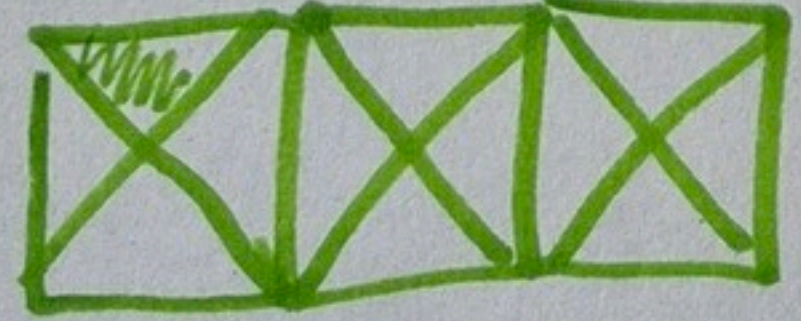
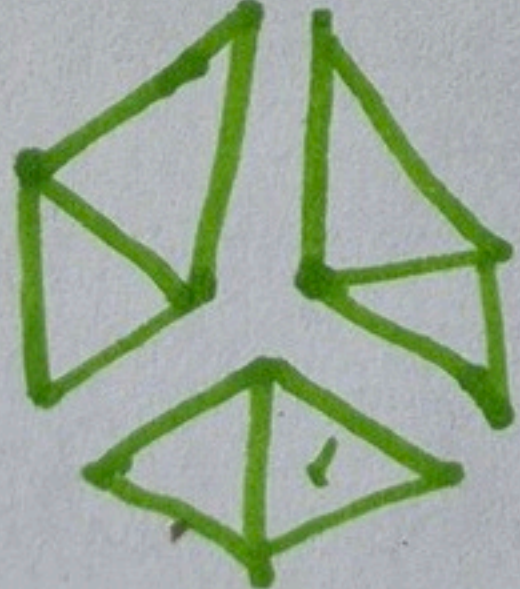
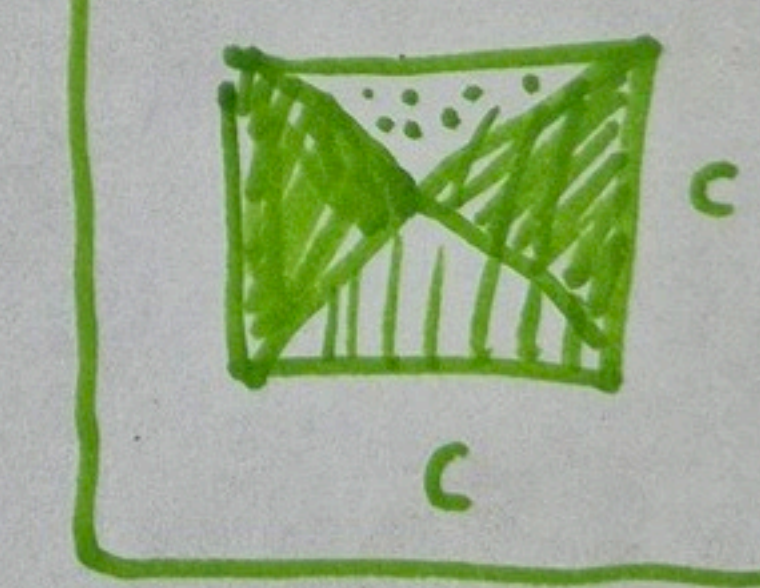
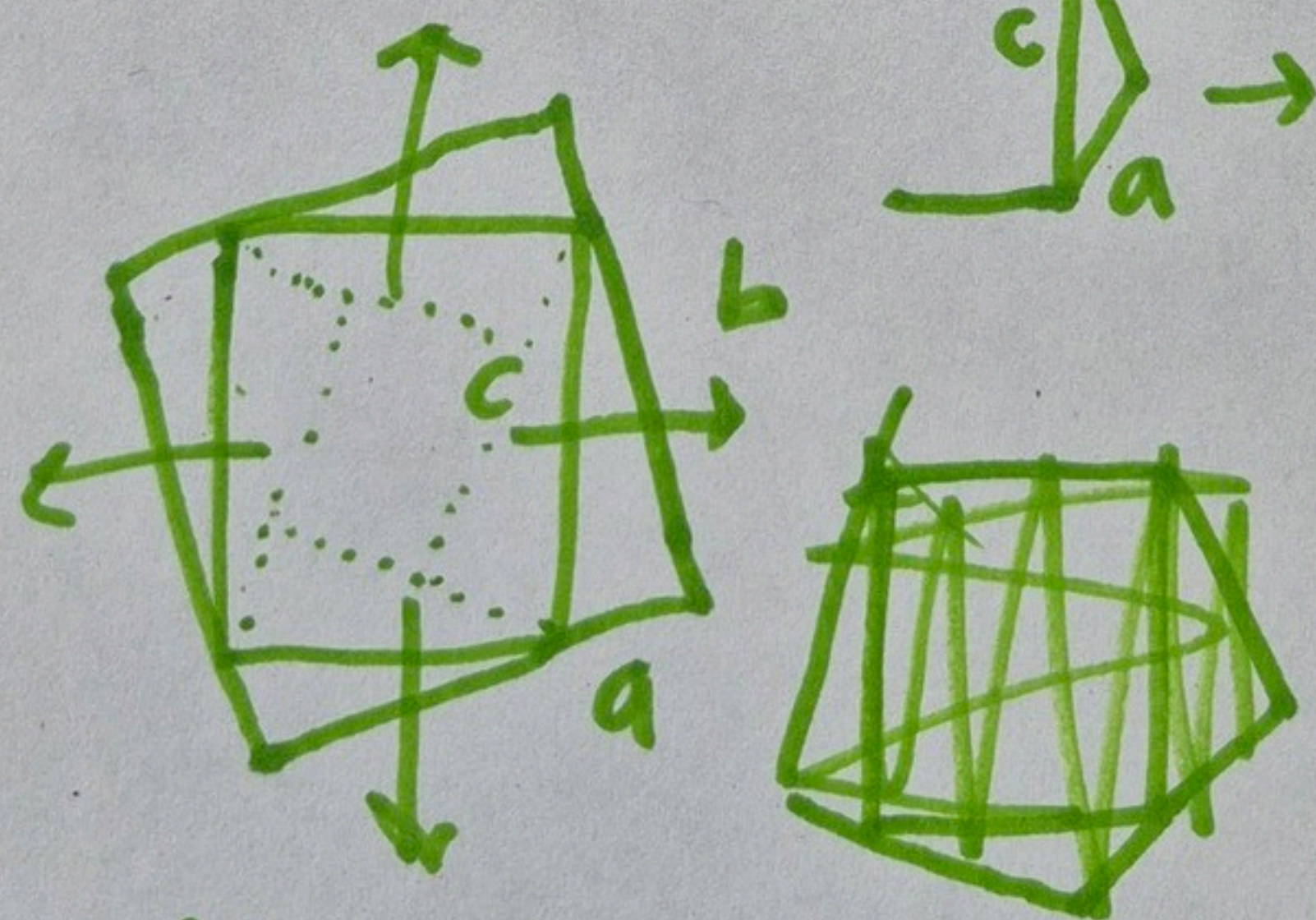
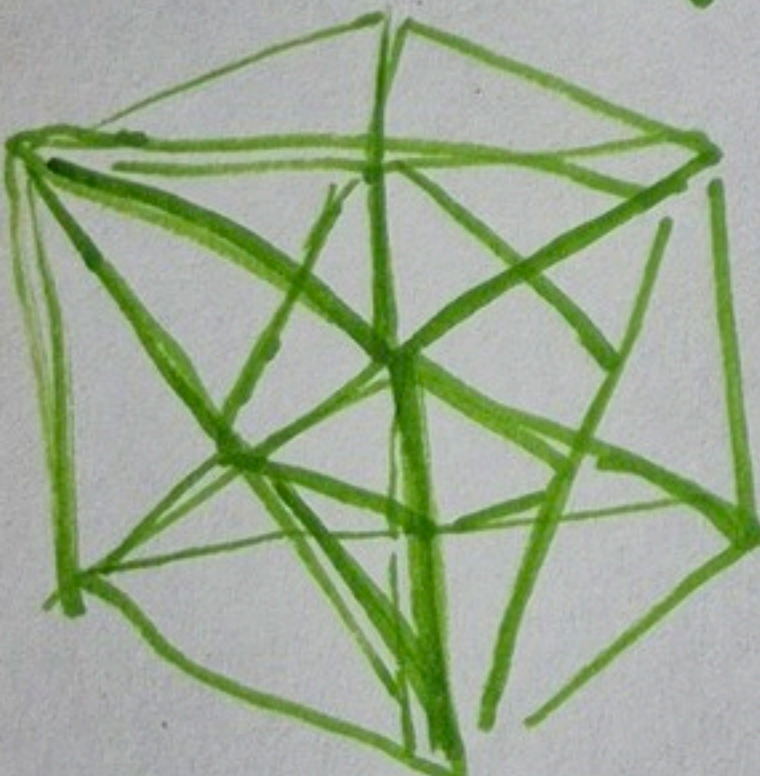
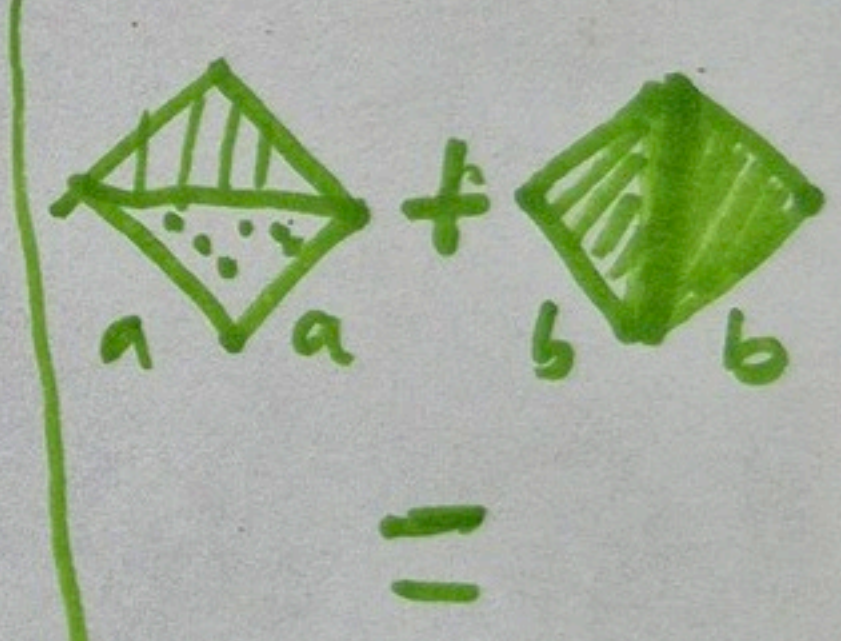
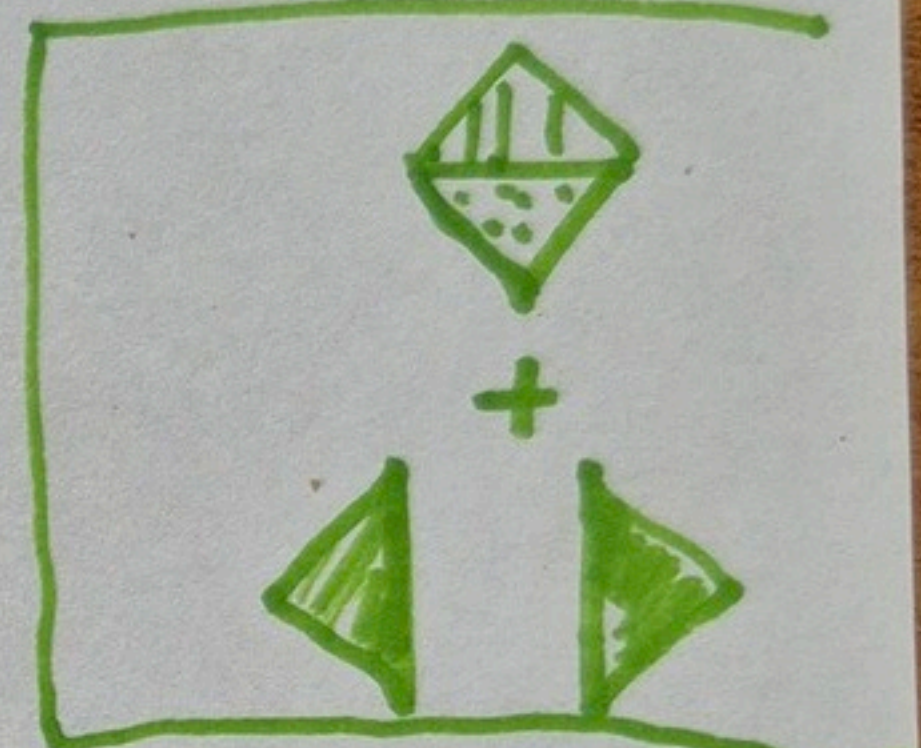
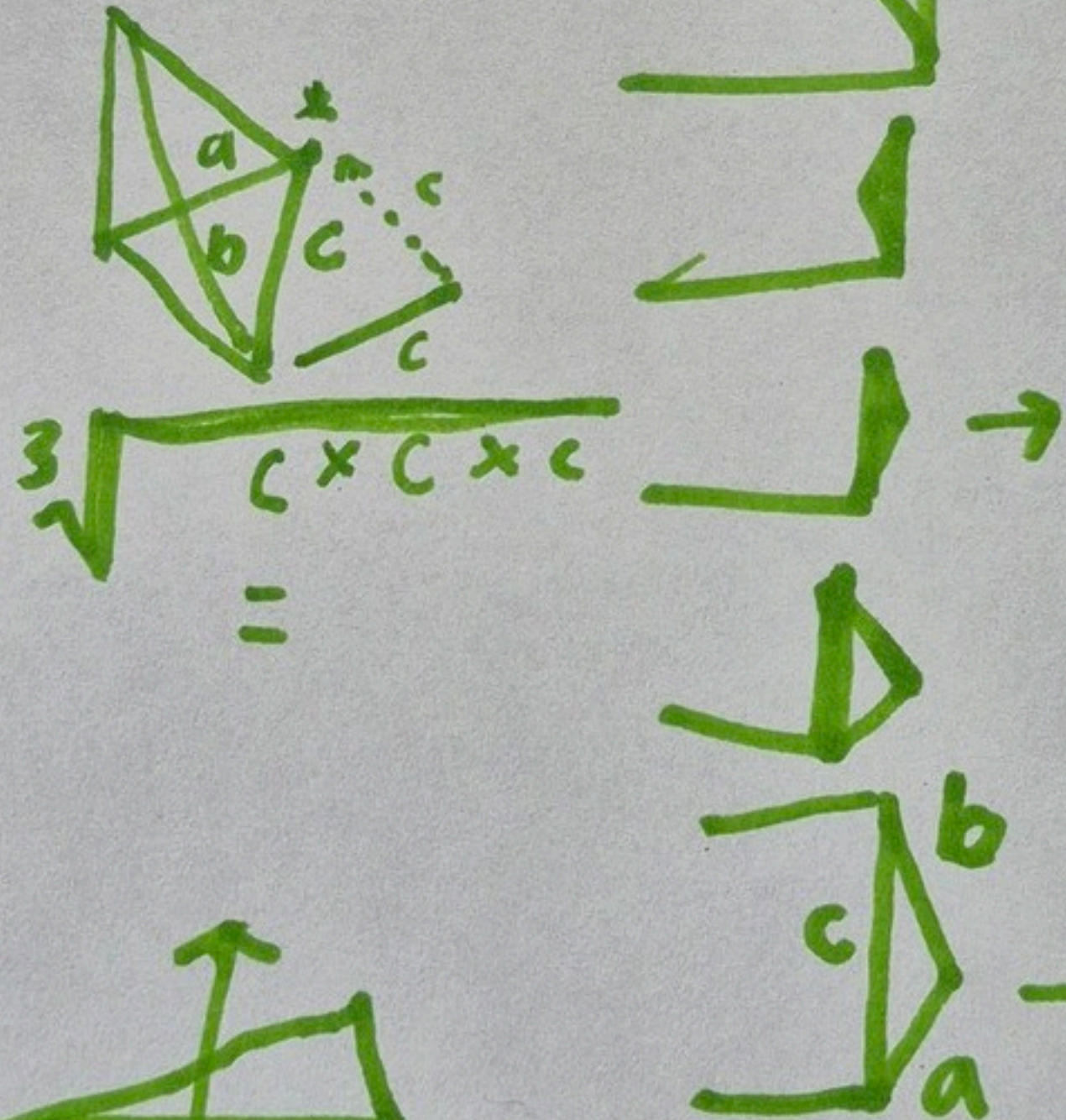
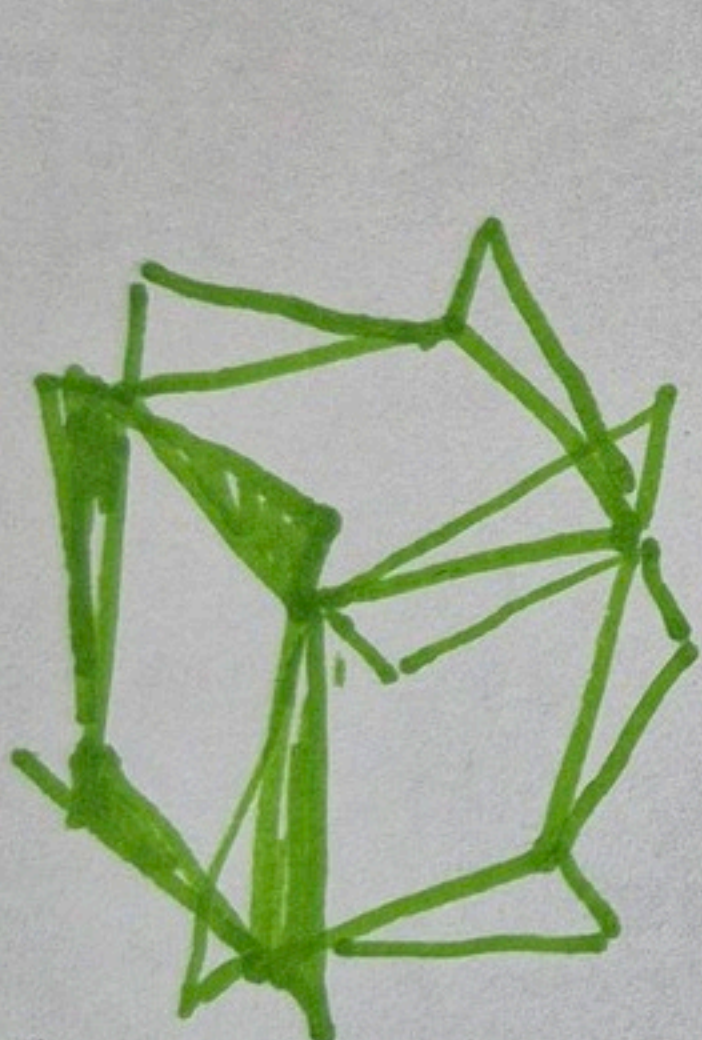
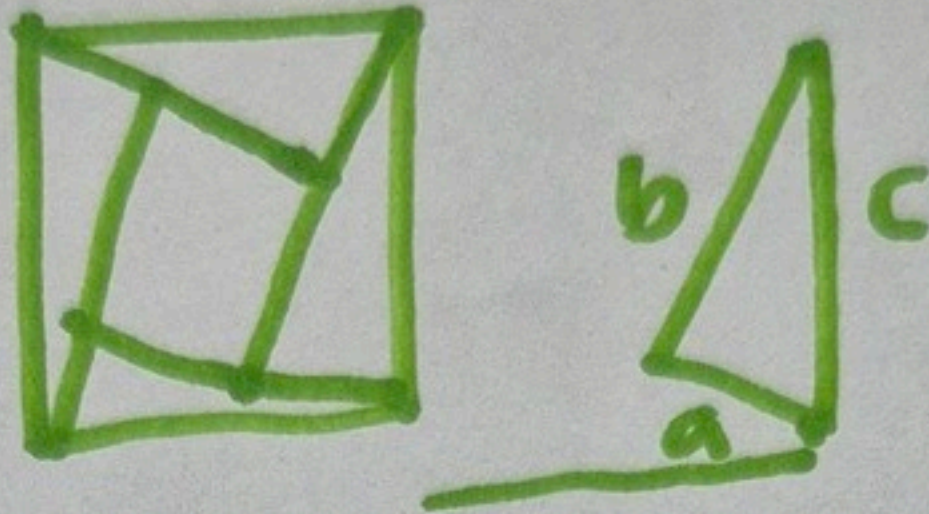
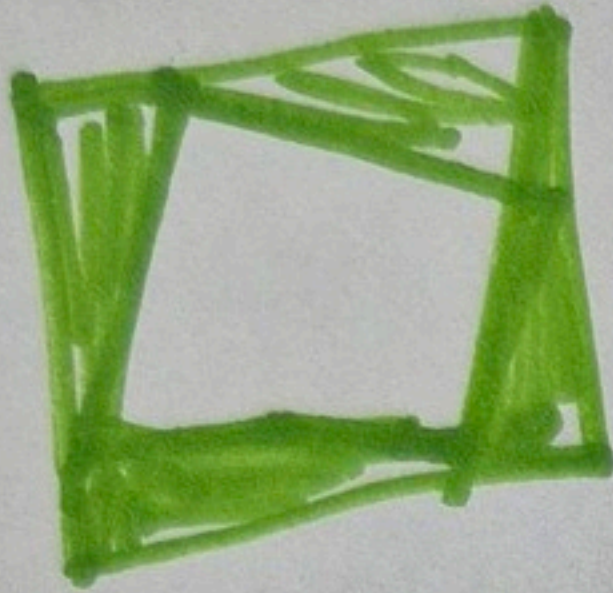
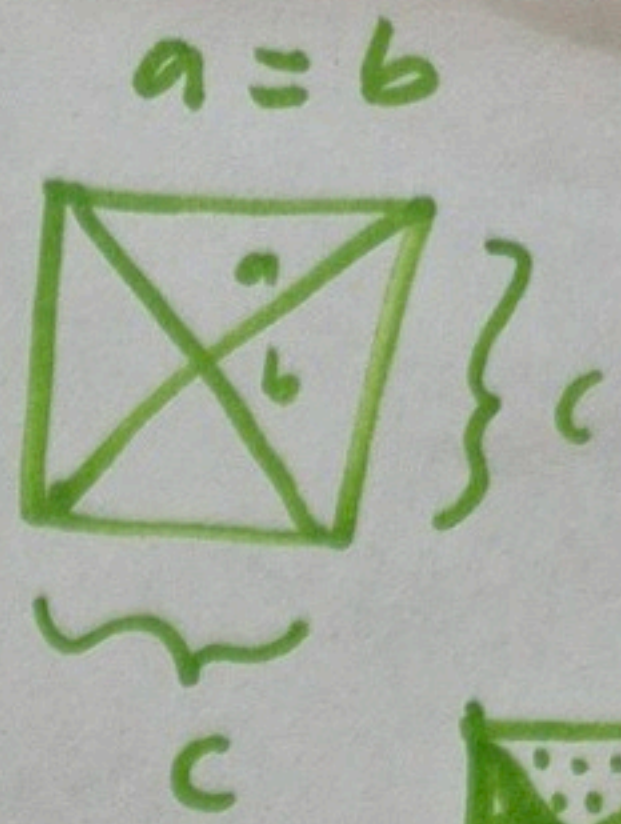
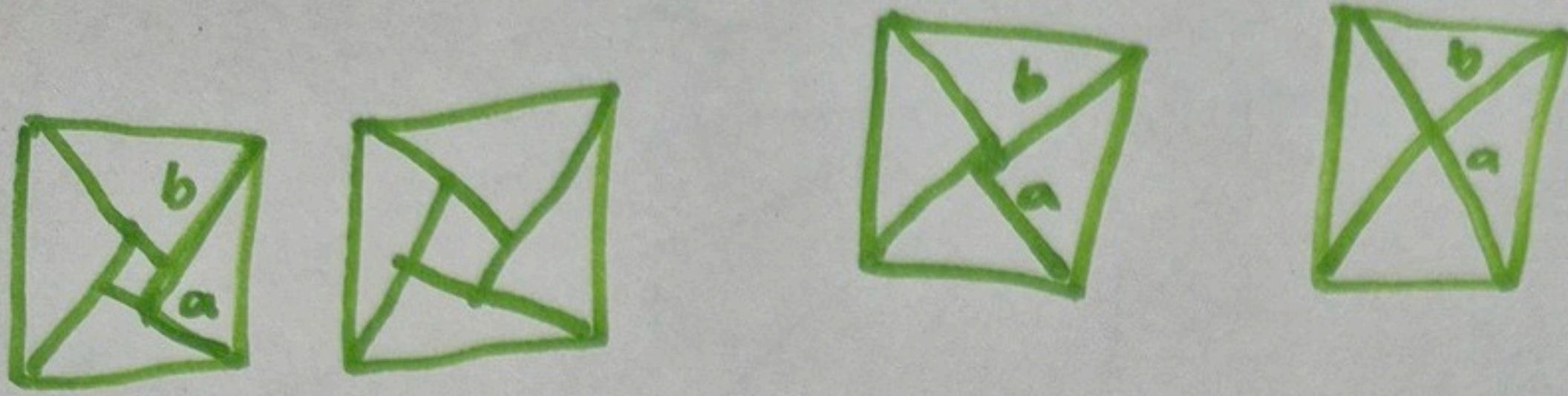
1.  
color-  
cutter

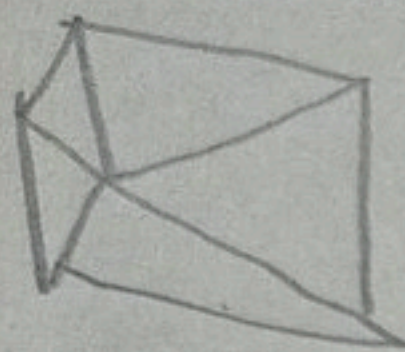
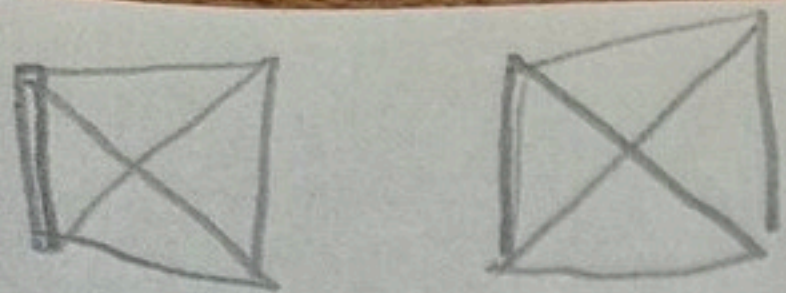
amber - far  
and green - close

aberration



inter-  
polation



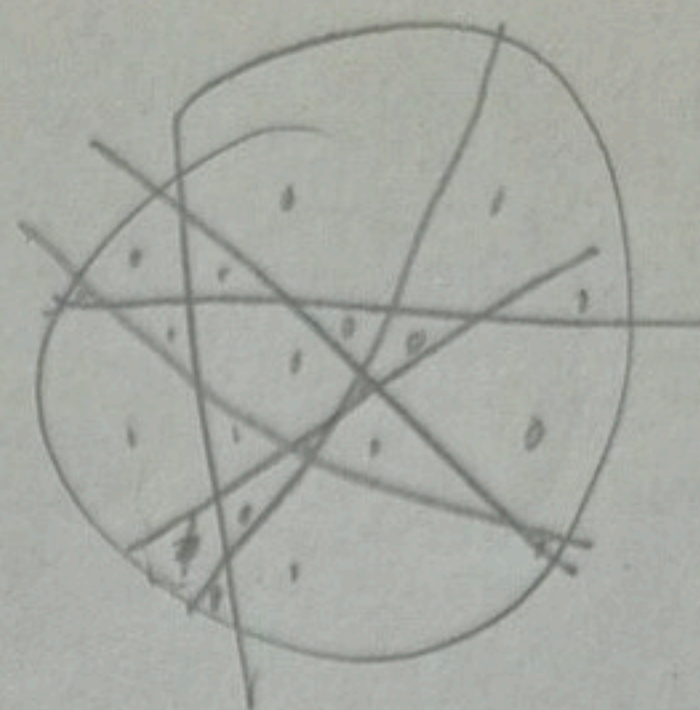


~~document~~  
~~document~~



~~lens~~

6



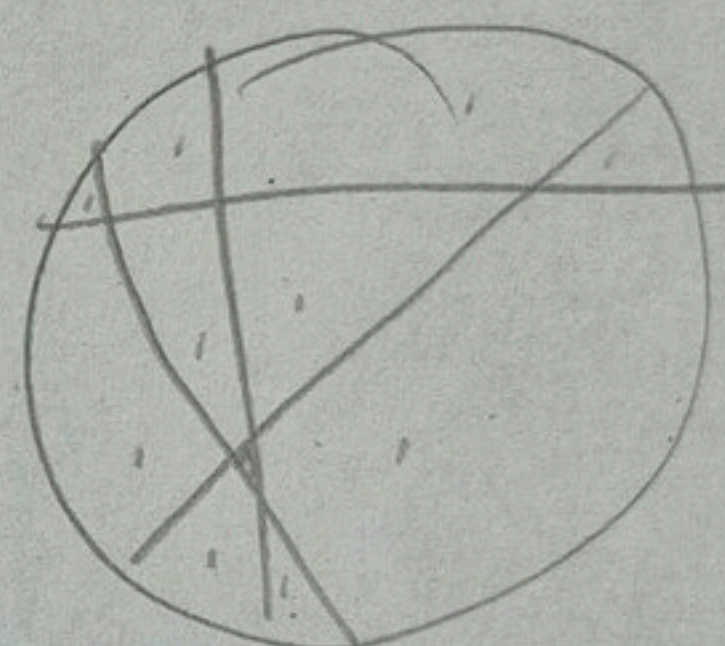
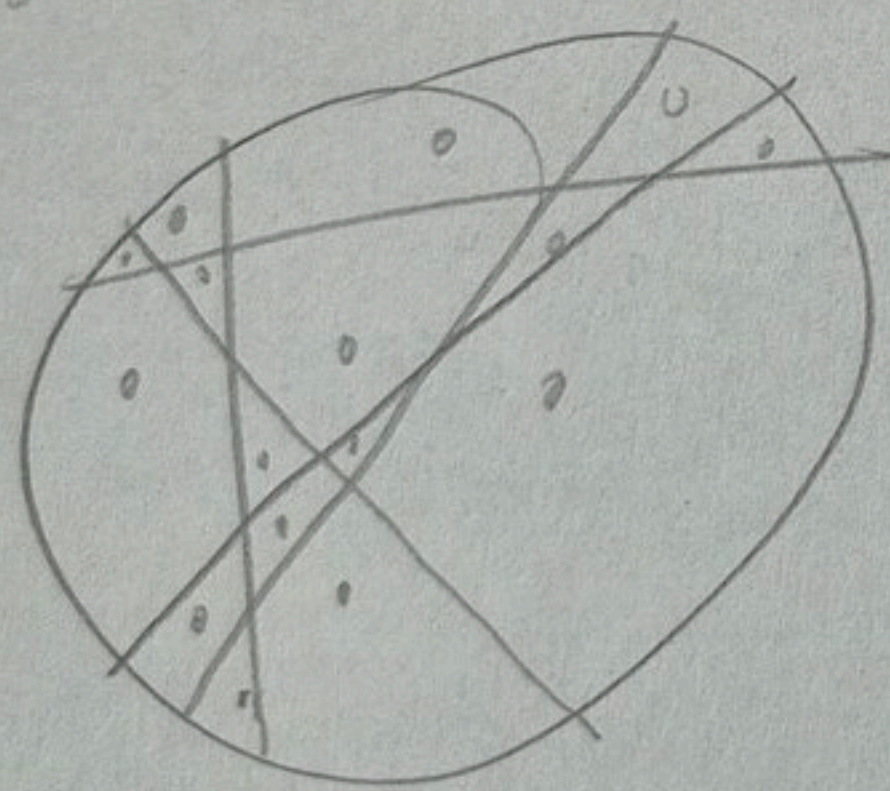
$n +$

$n + 1$

$0 \quad n = 1 + n$   
 $1 \quad n = 2n + 1$   
 $2 \quad n = 2n + 1$   
 $2n + 1$   
 $2n + 2$   
 $3n + 1$

$1 + 0$   
 $0 + 1$   
 $0 \times 2 + 1$   
 $1 \times 2$   
 $2 \times 2 + 1$   
 $3 + 2 + 1 + 1$   
 $4$   
 $7$   
 $9$   
 $16$

$6 = 21$   
 $3 \times 6 = 18 + 3$   
 $3n + 3$   
 $3n + 1$



$3 \times 2 + 1$   
 $=$   
 $1$

$n + 1$   
 $n + (n + 1) + 1$

$3 \times 2 + 1$

$(3 \times 5)$

$5 + (4 + 1) + (3 + 2) = 15 + 1$

$\frac{n(n+1)}{2} + 1$

$n + (n - 1 + 1) + n - 2 + 2 = 3n + 1$   
 $(n - 2)n + 1$

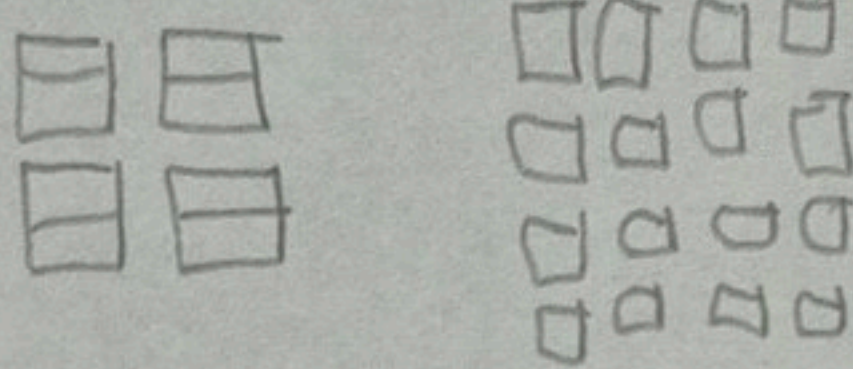
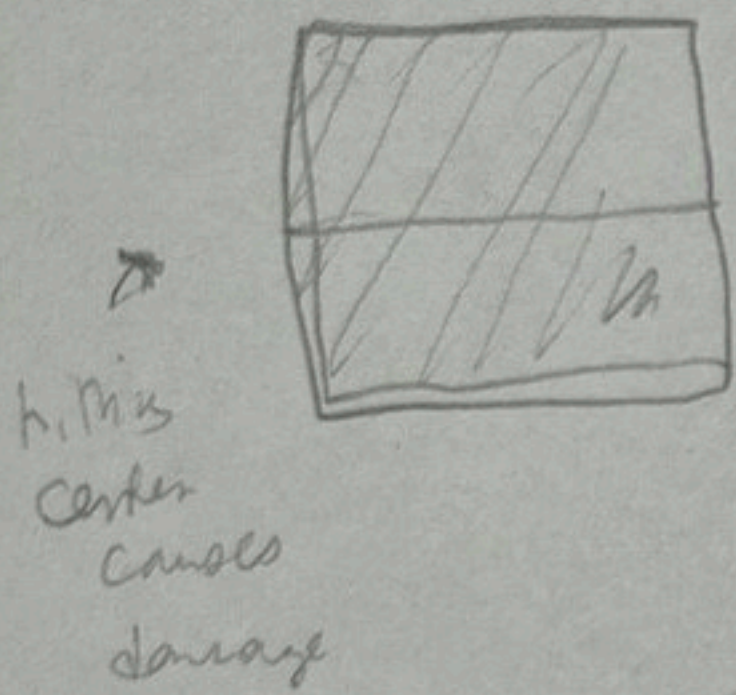
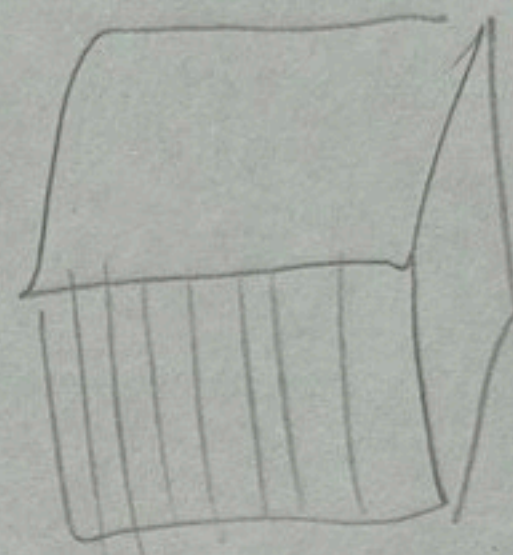
# Sparsity

dimension

↑  
ising

↑ ↓  
density

violet | green | red | white

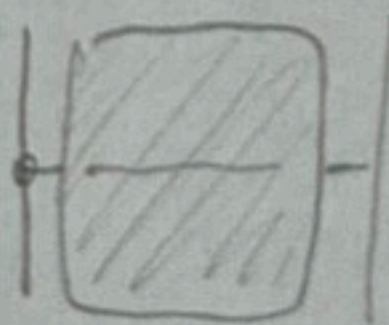
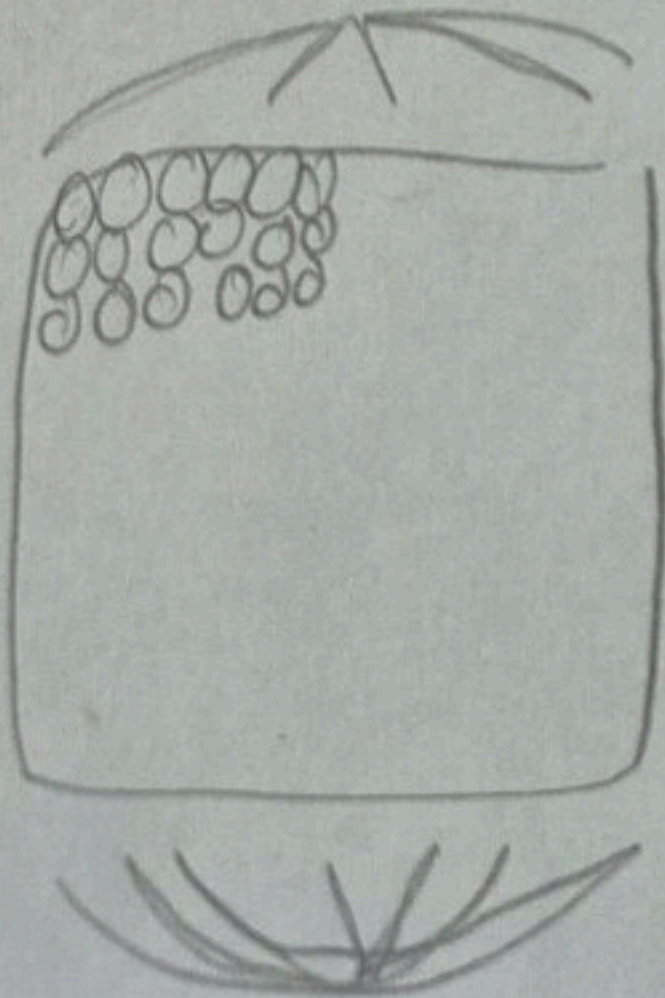


include after images

learn languages,  
alphabets,  
flashcards

ambor  
pole

north pole  
is hexagonal  
or octagonal(?)

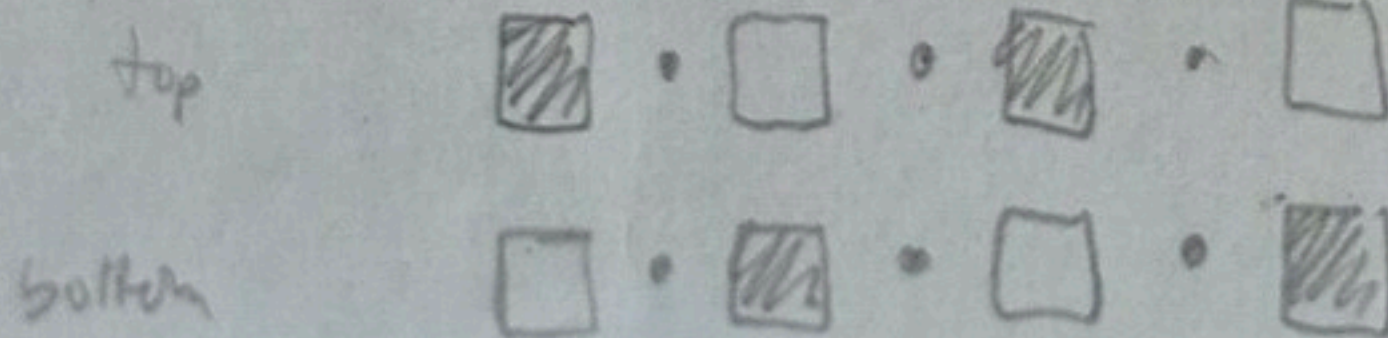


if flipped over from the top  
it becomes a dot  
of light  
on both sides

if flipped under it becomes  
blank on each side

green  
pole

south pole is  
~~octagonal~~



Most  
 Important  
 Things:

categories  
 theory

- Shape Dynamics
- Geometric Unity
- Geometric Machine Learning

Cellular Automaton

Bash

- ~~Wolfram Language(?)~~  
 Sorry, Stephen.
- ~~Julia and Python~~
- Julia & Python

practical use  
 marking non-existence  
 (in Library of Babel)

Latin exists

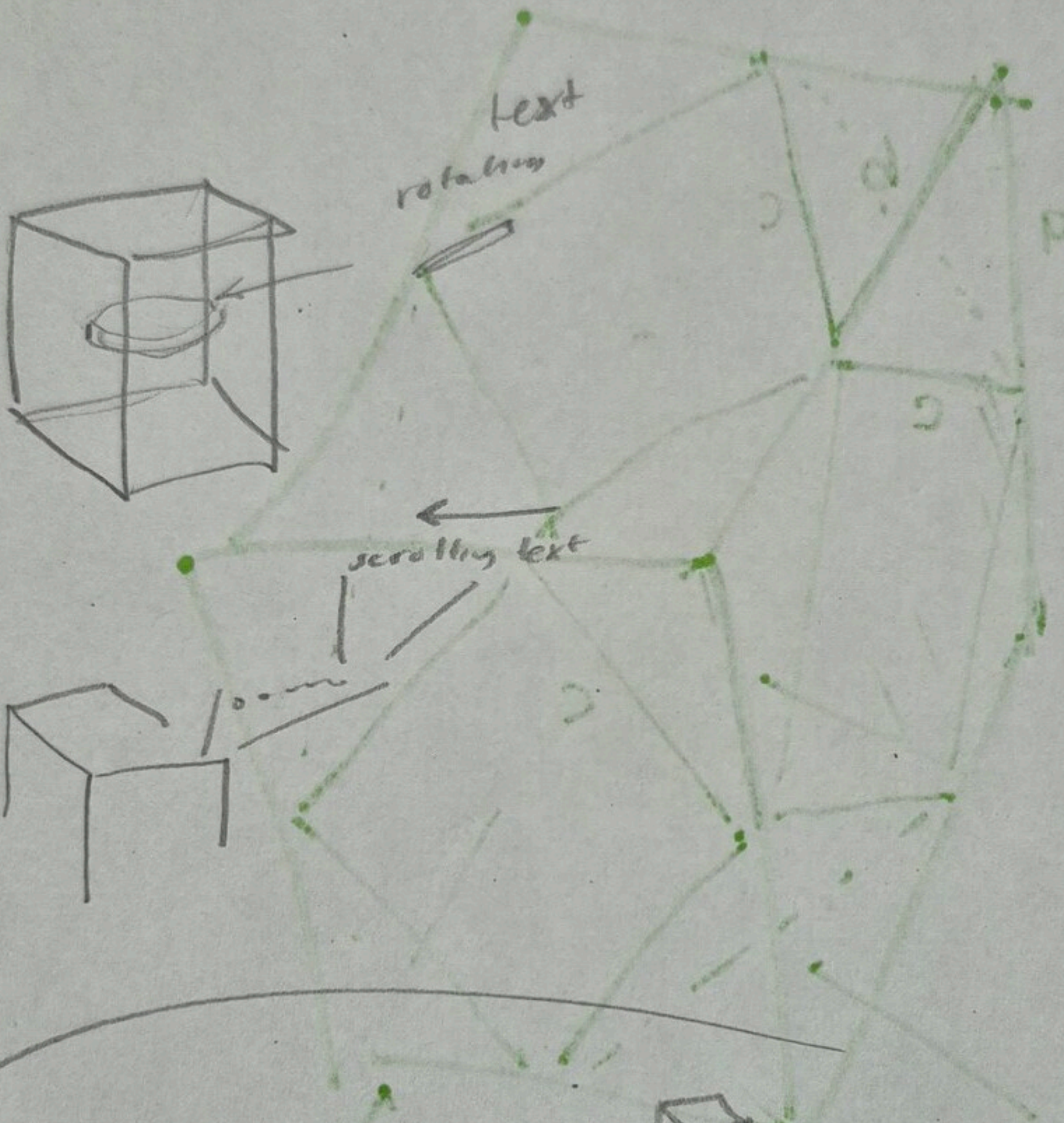
SGA - counterfactual worlds

- Standard Galactic Alphabet
- Cistercian Numerals
- Theory-theory (quantum bayesianism)

- the game asks you questions -  
(constantly)

Simple

↓  
complex



Voronoi tessellation  
and  
delaunay  
triangulation

To choose  
mode

you  
follow

the tunnels

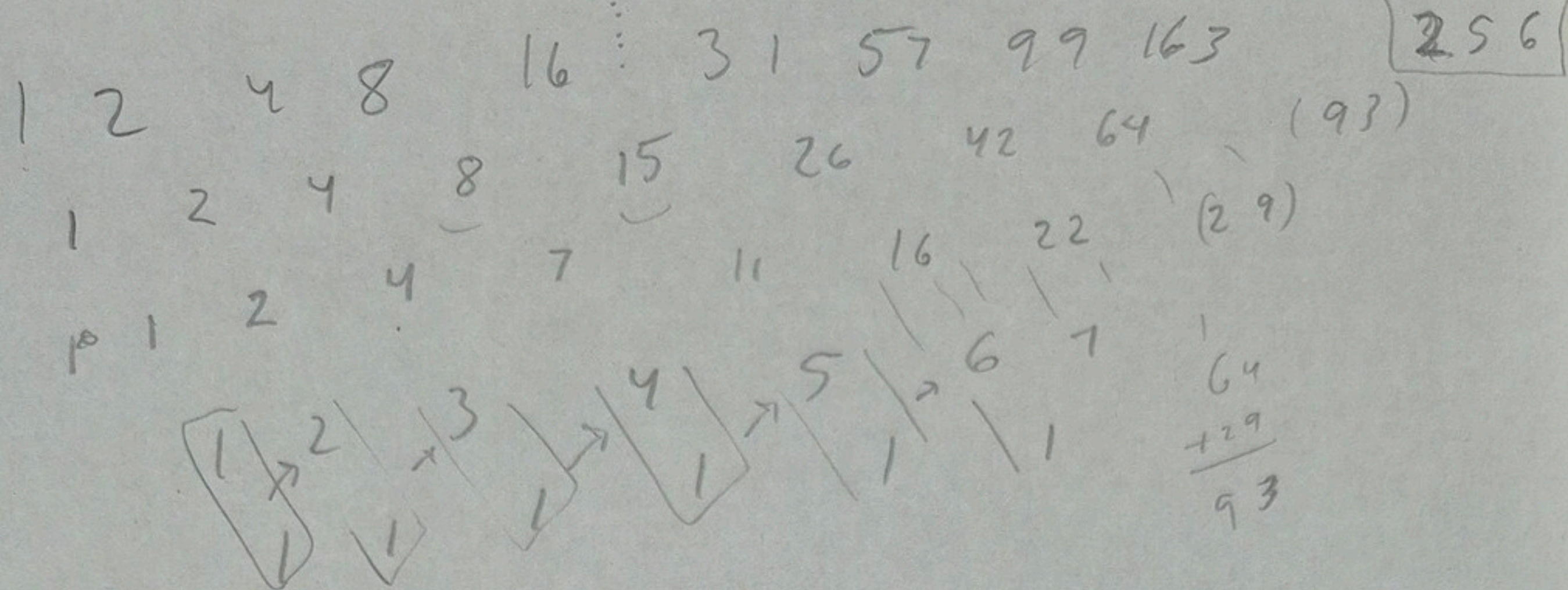
or use  
the shortcut  
which is  
given when  
you reach  
your  
destination

rotation/  
spinning



- no usernames
- modes only
- visualizer
- flashcard explorer

musical  
theory



$$\begin{array}{r} 2 \\ 81 \\ -16 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 57 \\ -31 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 99 \\ -57 \\ \hline 42 \end{array}$$

$$\begin{array}{r} +163 \\ +99 \\ \hline 262 \\ +100 \\ \hline 362 \\ 64 \end{array}$$

$$\begin{array}{r} 26 \\ -15 \\ \hline 11 \end{array}$$

$$\begin{array}{r} x \\ -163 \\ \hline \end{array}$$

$$x - 163$$

$$386$$

$$37$$

$$8$$

$$1$$

~~$x = 163$~~  ~~64~~

$x = 163 + y$   $y = 93$

$y = 64 + z$   $z = 29$

$z = 22 + a$   $a = 7$

$a = 6 + b$   $b = 1$

$b = 1$

power of 2: 256

not a power of 2: 386

$163 - 93 = 70$  70

$64 + 29 = 93$  93

$22 + 7 = 29$  29

$6 + 1 = 7$  7

$7 + 1 = 8$  8

$37 + 93 = 130$  130

$120 + 10 = 130$  130

$8 + 29 = 37$  37

# 6 Big Bang

Adults will also receive  
 "unfair advantage"  
 (unlimited Francium, Boroniam, and Germanium)

## Deep learning

- ~ Texture rules
- ~ Skeletal Rules
- ~ Developmental Rules
- ~ Gore Rules (Medical injury)
- ~ Physical Limit Rules

Public

# Geometric Deep Learning

(The 5Gs of)

Associated  
 child's  
 Boilerplate

mode:

outline

physical limits

1 Grids

Interaction Layer

distance density speed

Texture

2 Groups &

Homogeneous spaces with global symmetry

Data Sources

x-ray

Skeleton

3 Graphs

Game Level

chronic x-ray (chronion)

Development

4 Geodesics

& Gauge and Manifold Metrics

Gore

Medicine

- Visual - wavelet

Adult

+ Topographic Variational Autoencoders  
 Models

(TVAEM)

pass 101 age metrics PG 18 2113

also from here are no children in the room

2400

year

point W. Skyles

18+ only

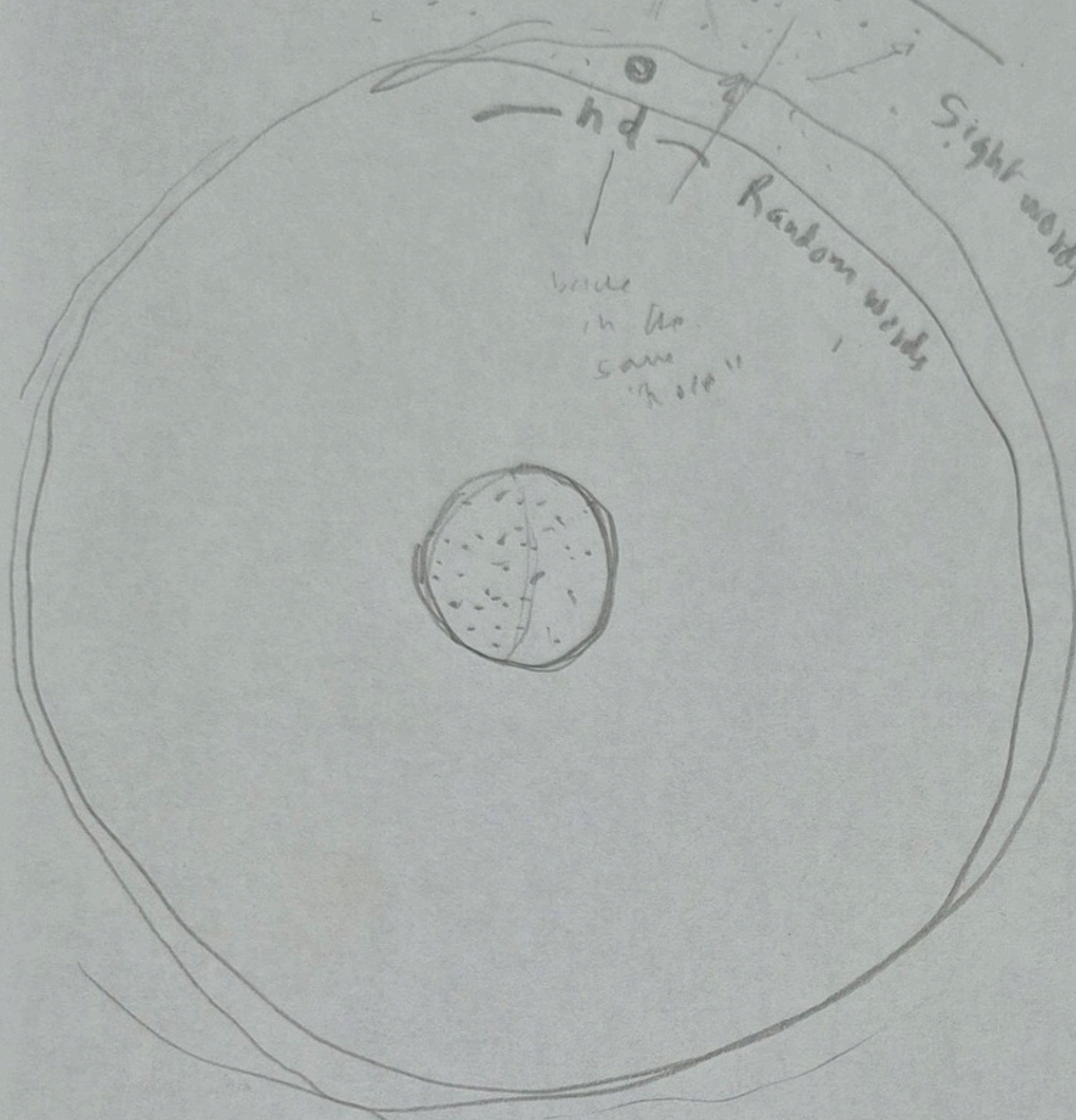
W. Skyles  
Sample

W. Skyles Small sample

Sight words

Random words

words in the same "field"



Always start at 2400

you see your previous chip 3

Sight words

new dictionary

231,664  
"entrances"

One star in your "universe"

is orange that he other

Spred

Find

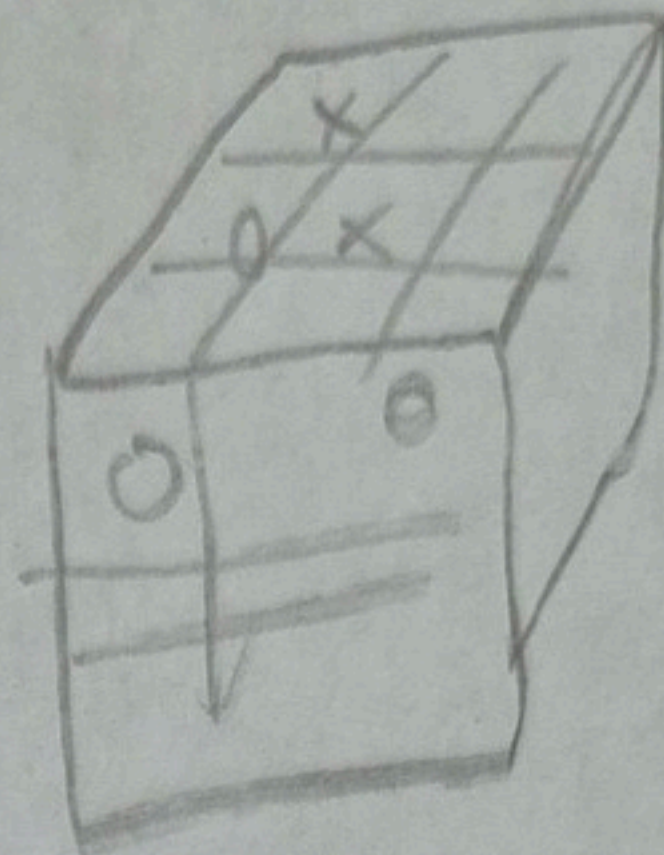
under  
 aa →  
 aah ↘

- aahed
- aahing
- aahs
- aal
- aalii
- aaliiis

Time Rate sec/sec

An ingenious Friend  
has communicated to me a  
Solution of the inverse  
Problem, in which he has  
shewn what the Expectation  
is, when an Event has happened  
 $p$  times, and failed  $q$  times,  
that the original Ratio of the  
Causes for the Happening or  
Failing of an Event should  
deviate in any <sup>given</sup> Degree from  
that of  $p$  to  $q$ .

0	X	0
0	X	0
X	0	X



circle  
 0 → 1      or   0 → 0  
 X → 0           X → 1

unzode    for 'b'    9    ad is too high up

↳      ampersand    &    more normal

could I make a game  
 backwards compatible  
 with

ascii,

descant,

~~minesweeper~~  
 are tetris?

With 2048?

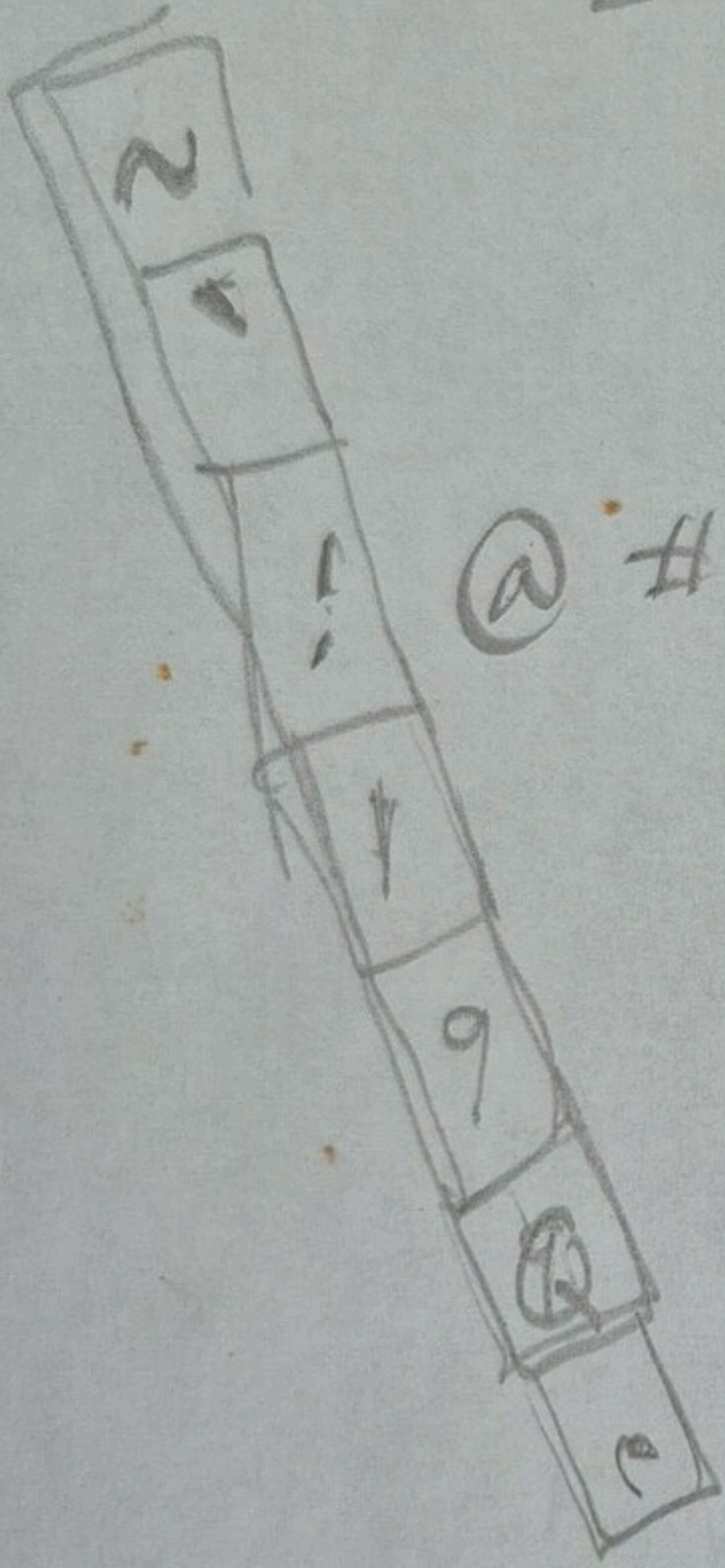
Could I make it backwards  
 compatible with all games?

Why, or why not?

after      21,600,000  
 assume unoccupied  
 on "lit" stars.

mak of sbbt  
s most

Σ Ε Ρ Τ Υ Θ Ι Κ Ι  
Α Σ Δ Φ Γ Η Ξ Κ Λ  
Ζ Χ Ψ Ω Β Ν Μ



@ # \$ % ^ & \* ( )  
K !

Α Β Γ  
δ ε ρ

9 0 1 2 3 4 5 6 7 8  
m n o p q r s t u v w x y z

ح  
ج  
د  
ه

ا ب

Two and ten ty six  
 Two and ten ty seven

**Tiddlywinks.**

How to play the game

Baby baby baby

On - - - - - five  
 9 10 eleven

Two-eleven

Two eleven  
 Two I'll have a Thiree Ten

Four y tern

~~Five~~

Sickgebaen

Sevensten

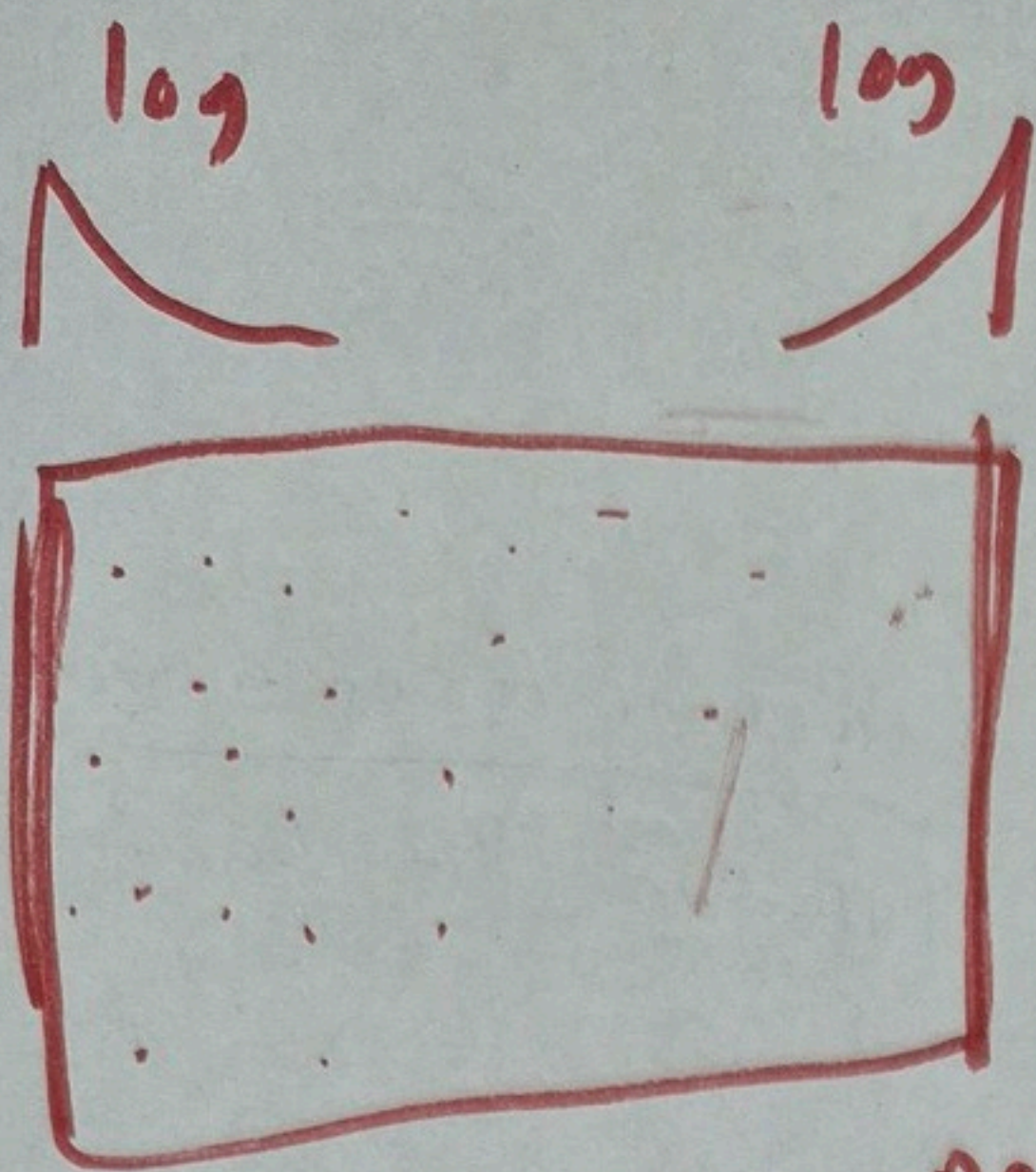
Two-and ten ty one

0	<u>C</u> ipheron	ZZypheron
		ZZyZyphero
0		ZZyZpheron

- |   |             |        |
|---|-------------|--------|
| 1 | Uöno        | Uöna   |
| 2 | Ta-oowah    | Tūwø   |
| 3 | Thuh-ree-ah | Thürēā |
| 4 | Fa-owwer    | Fōwūr  |
| 5 | Faive       | Fīvā   |

- |   |         |                 |
|---|---------|-----------------|
| 6 | Sicksā  | One eleven teen |
|   | Sixā    | Two eleven teen |
| 7 | Sehvāēn | Thiree          |

- |   |        |                    |
|---|--------|--------------------|
| 8 | ēighta | Nine eleven teen   |
|   | Naiina | Two and ten ty     |
|   | Tabēnā | Two and ten ty one |
|   |        | ten ty two         |
|   |        | Twenty             |



~~Wolfram~~

to  
Haylo praxis 12

Jan 01



Imagine (look up)

jeer  
← (left)

look → right

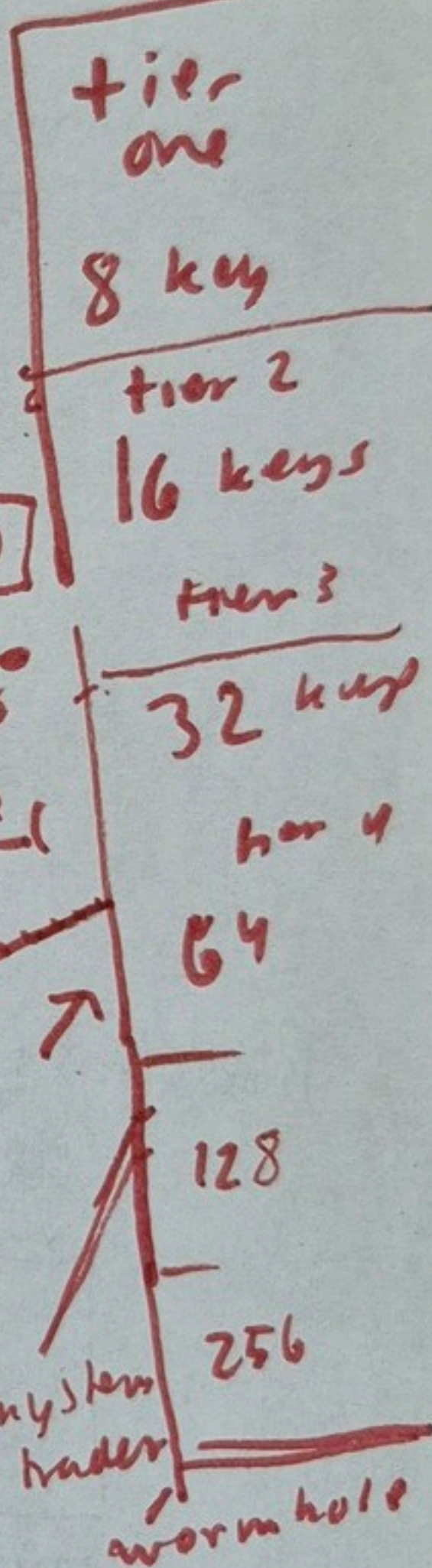
Dec 31

10  
100  
1000

look (through) 1000 1000

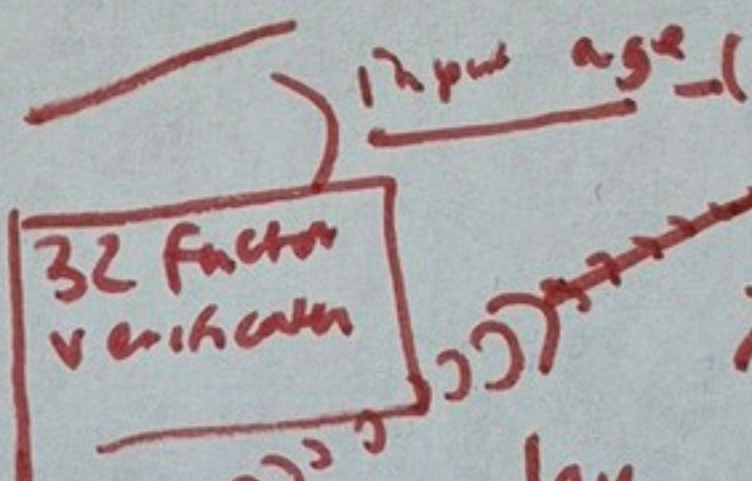
What is your name?

Default your first name is



username (any name) 9

Games with 9 hidden Rules



lay mine field

To restart universe after heat death hold down

Shift, ctrl, alt

for five minutes

or click

a Shift auto Shift  
a Ctrl auto enter  
a alt auto enter alt

& wait 5

lets you play for five minutes without a name

all other keys slow up the ship

Г Н К Р | | Г Н Р  
- - - -



| Г Н

Н

а

а



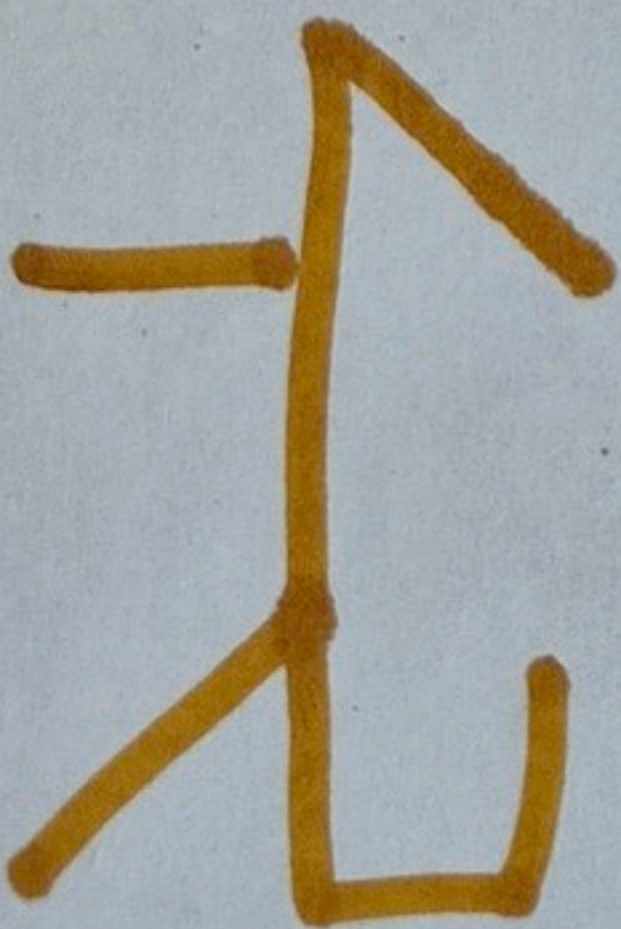
а

а



4470

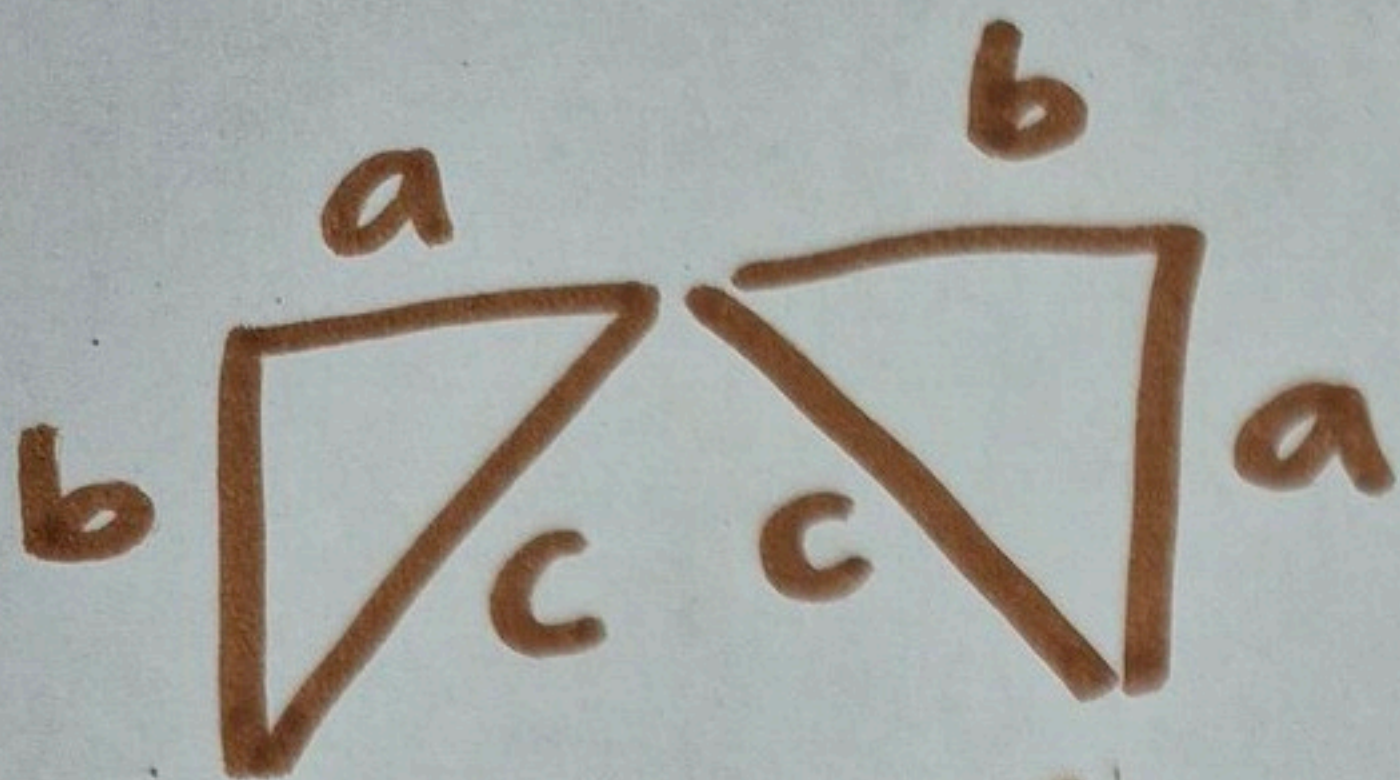
70



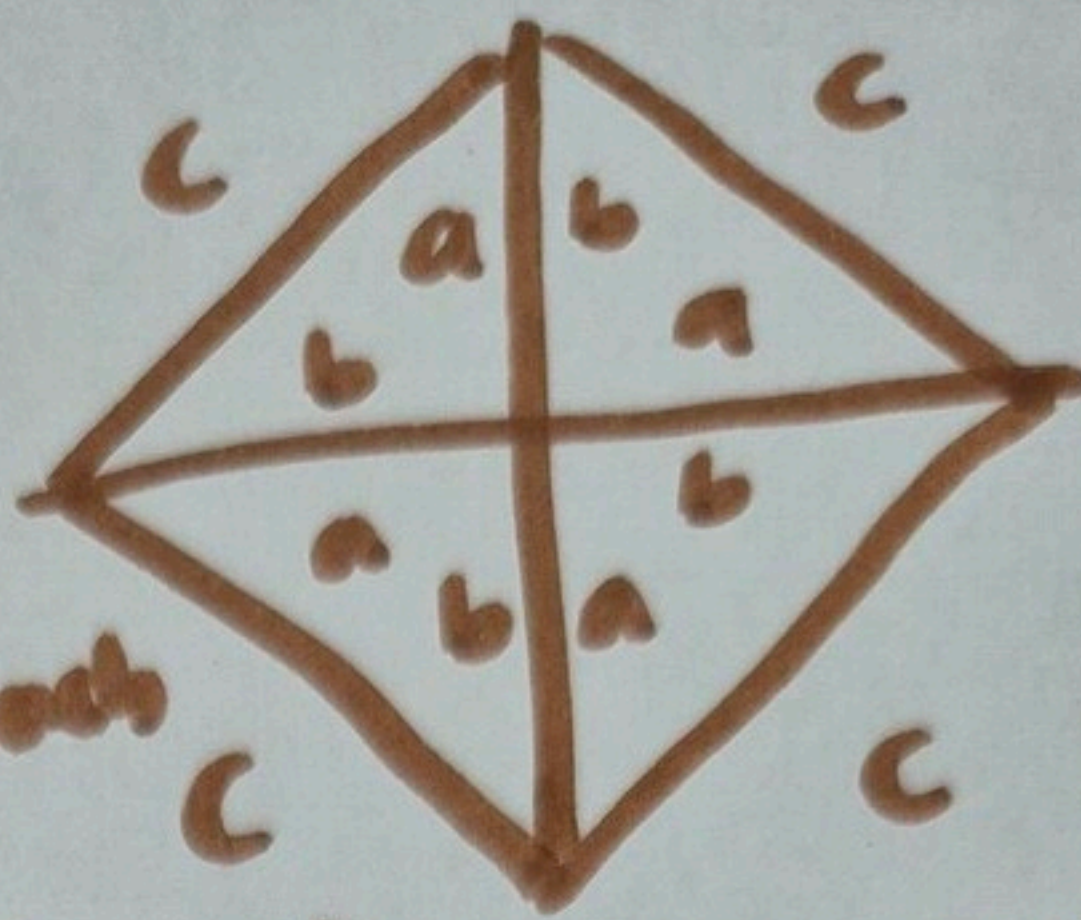
4723



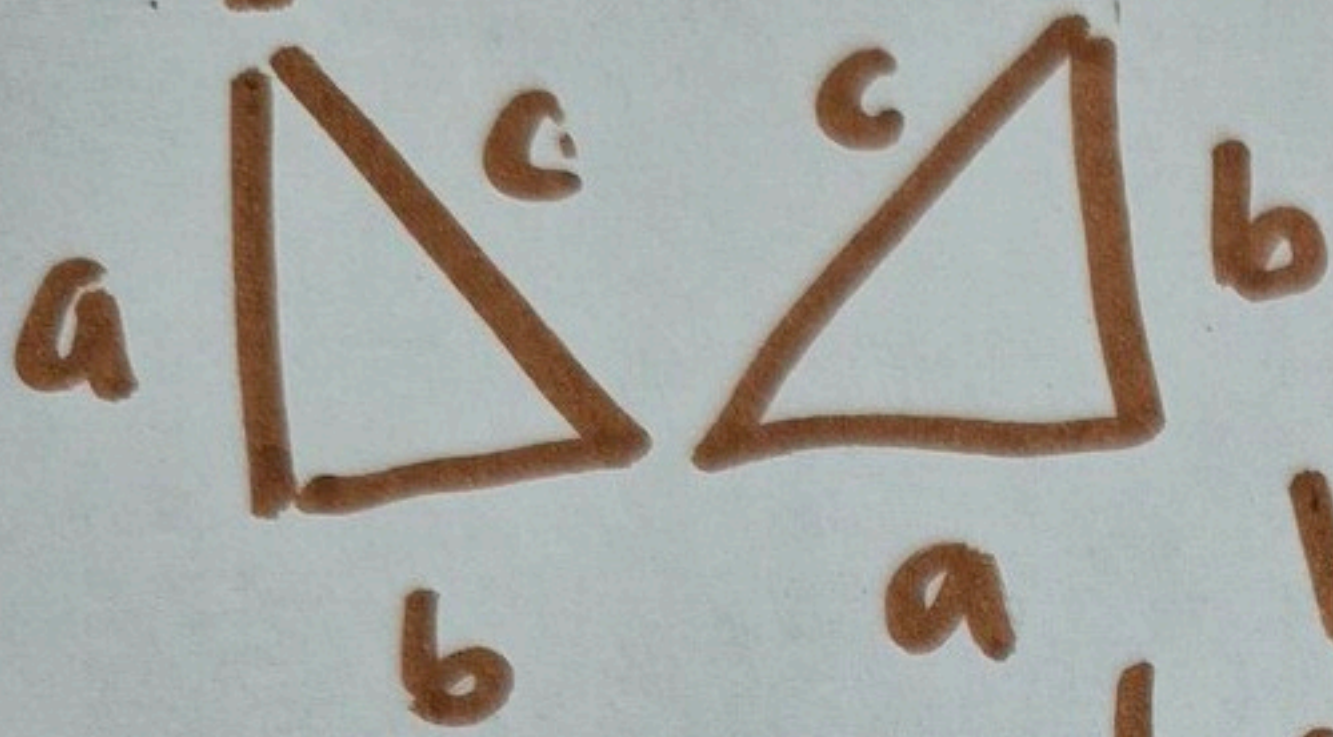
4 4



let "b"



approach



zero

and

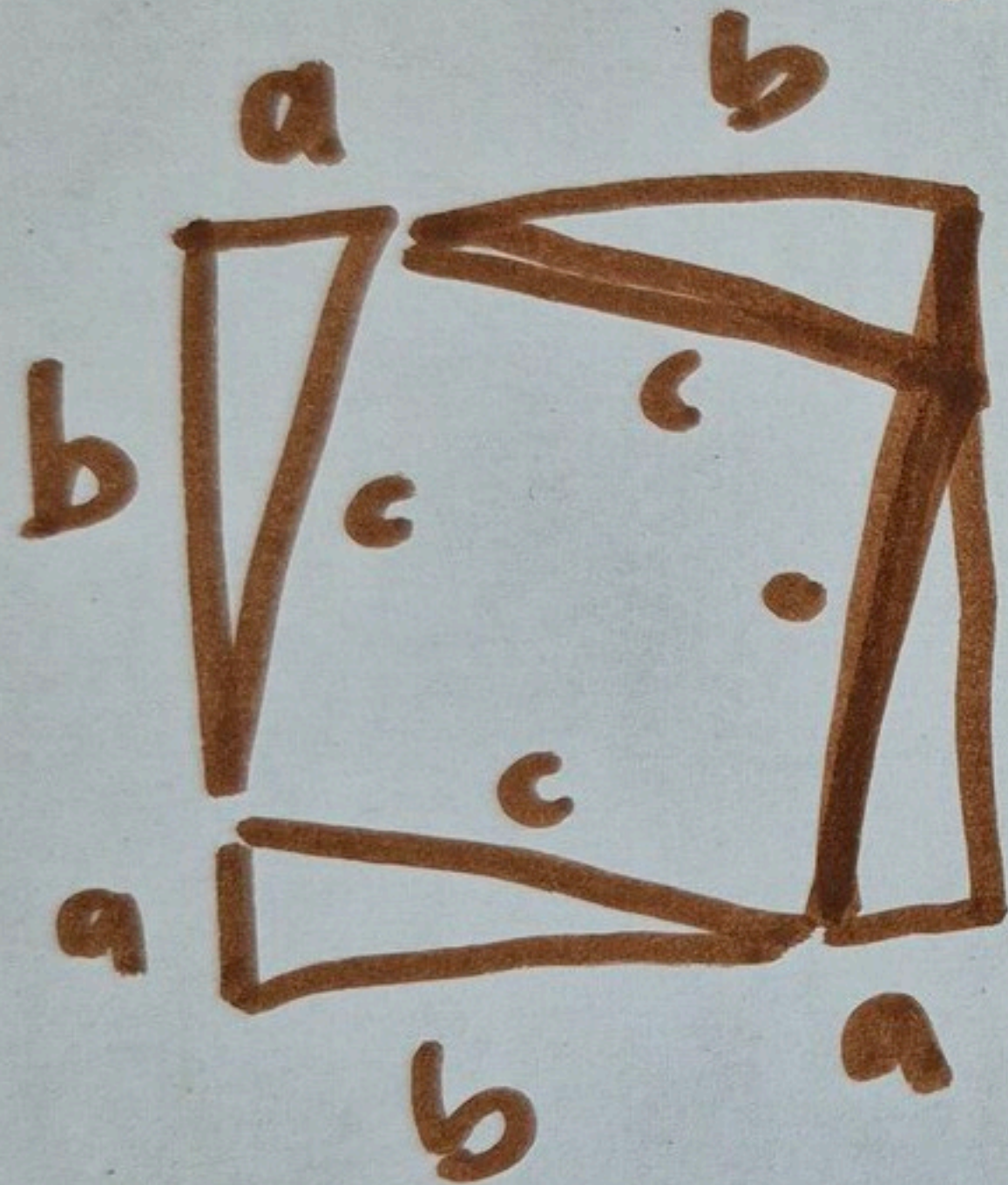
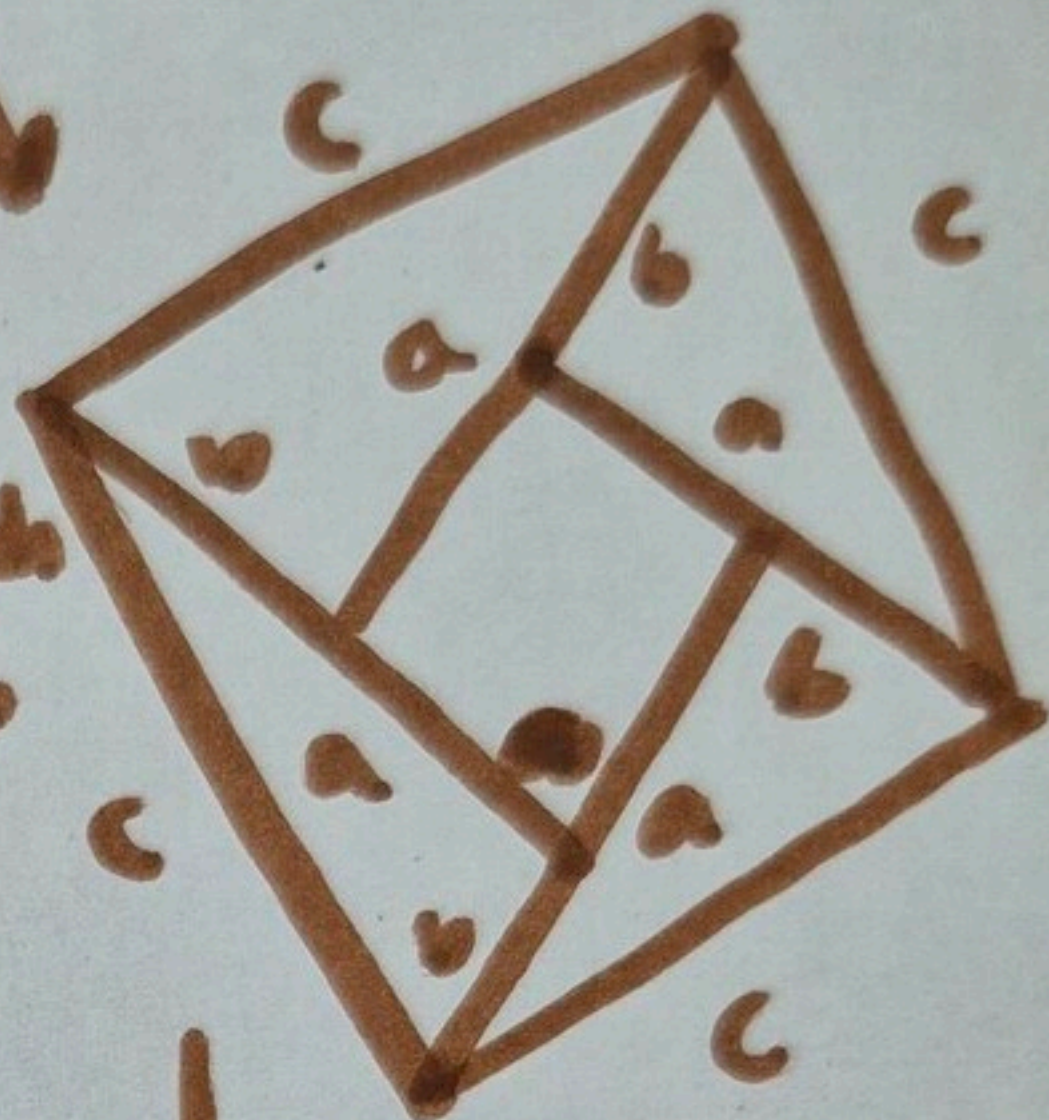
"a"

let "a"

approach "c"

approach

"c"



zero,

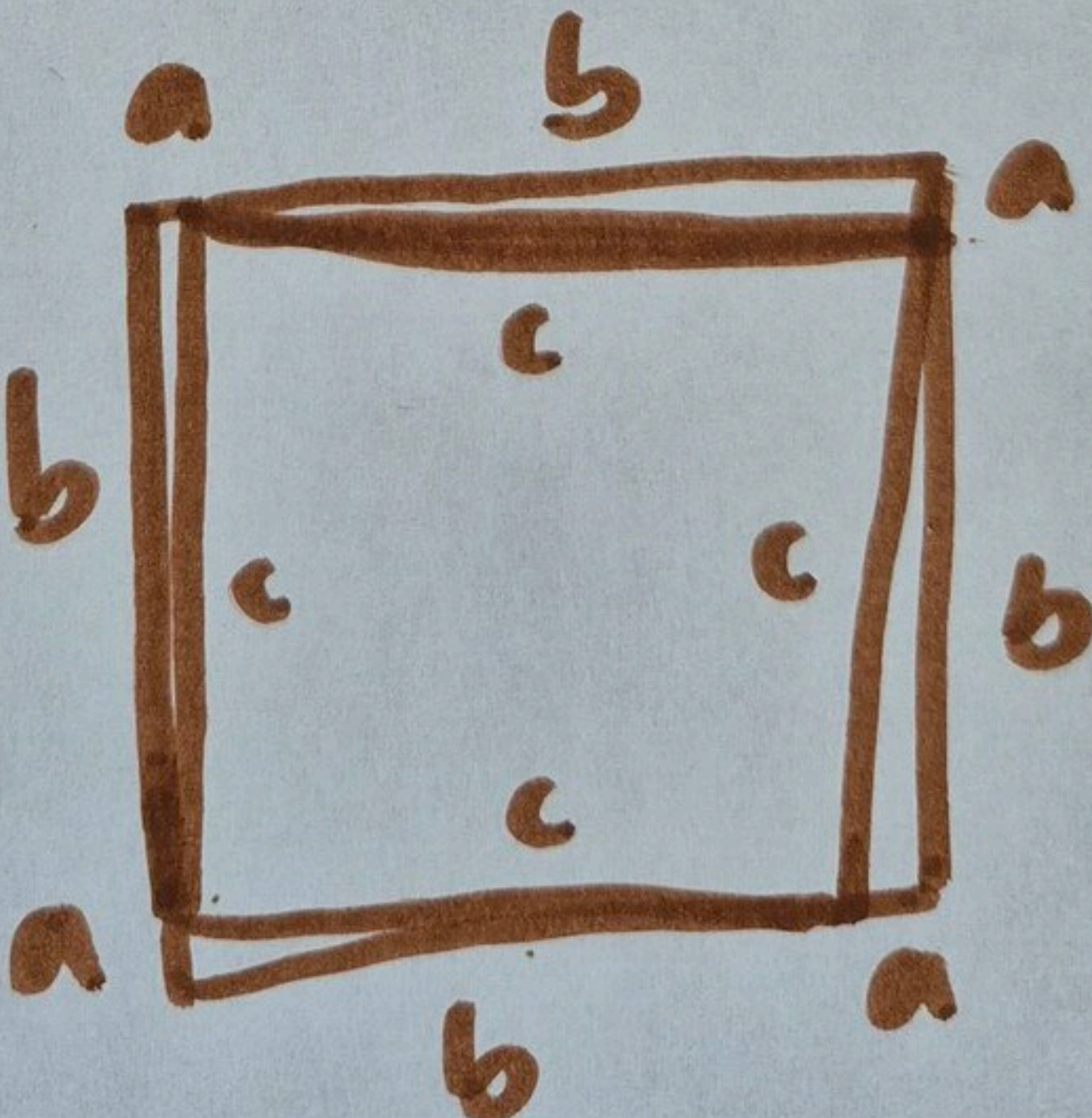
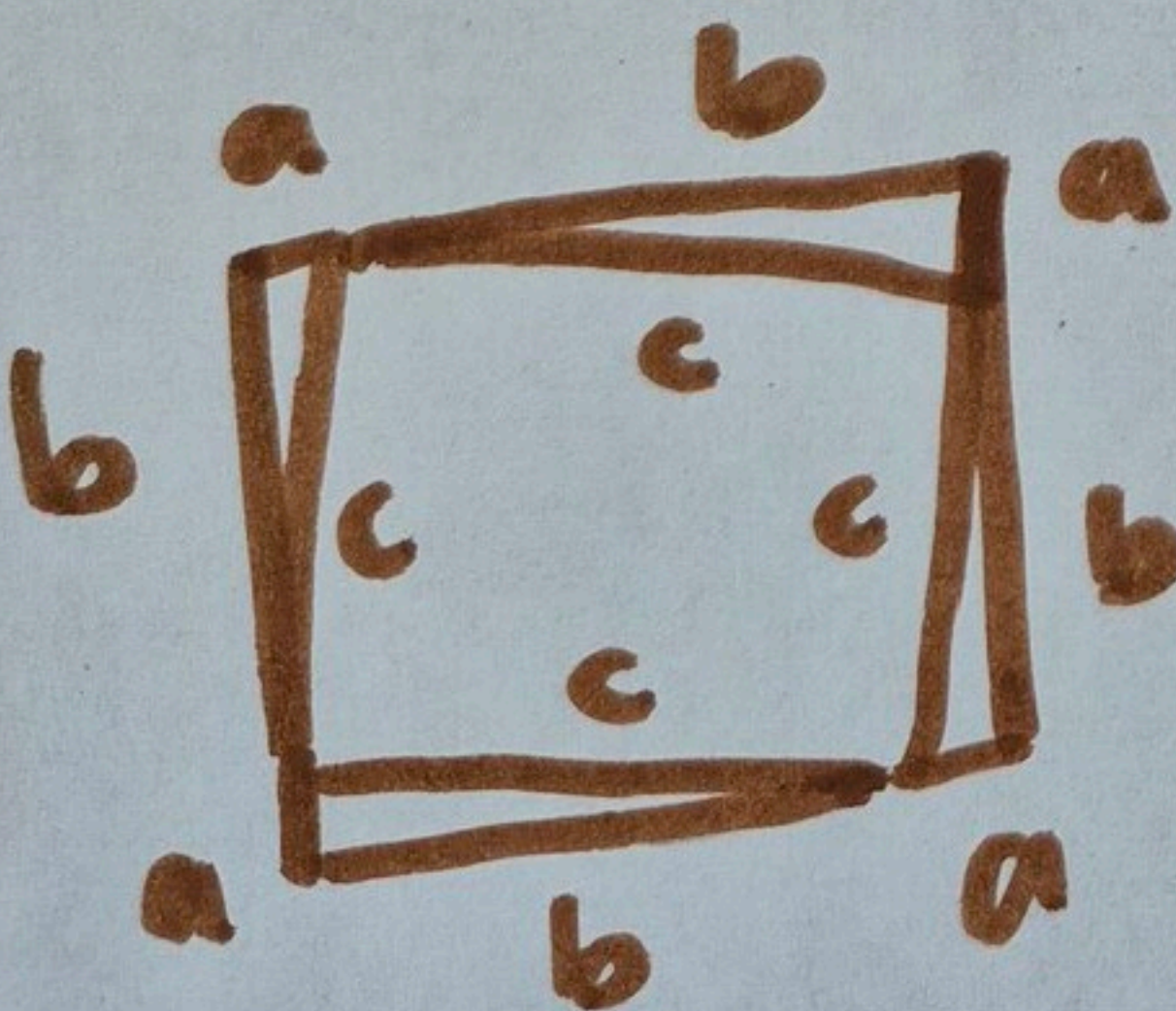
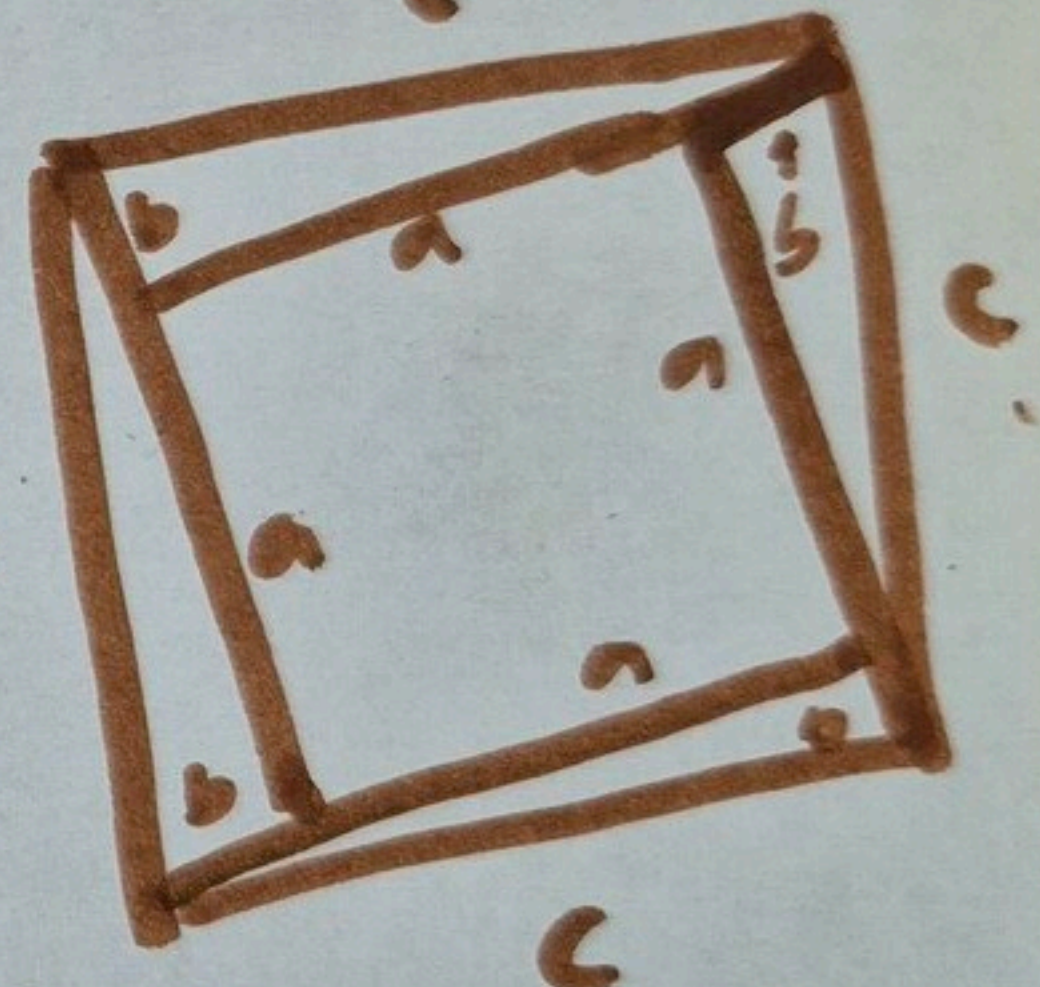
and

"b"

approach

"c"

↓

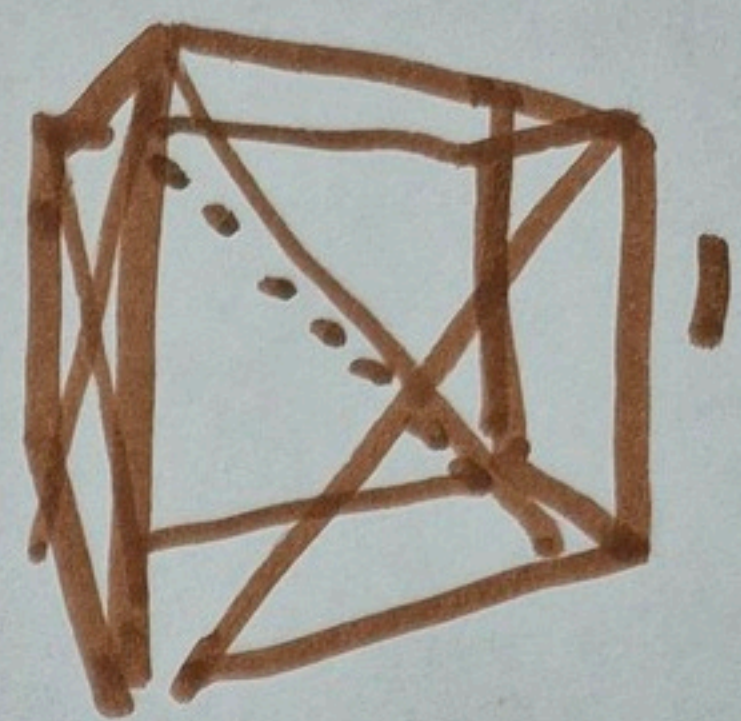
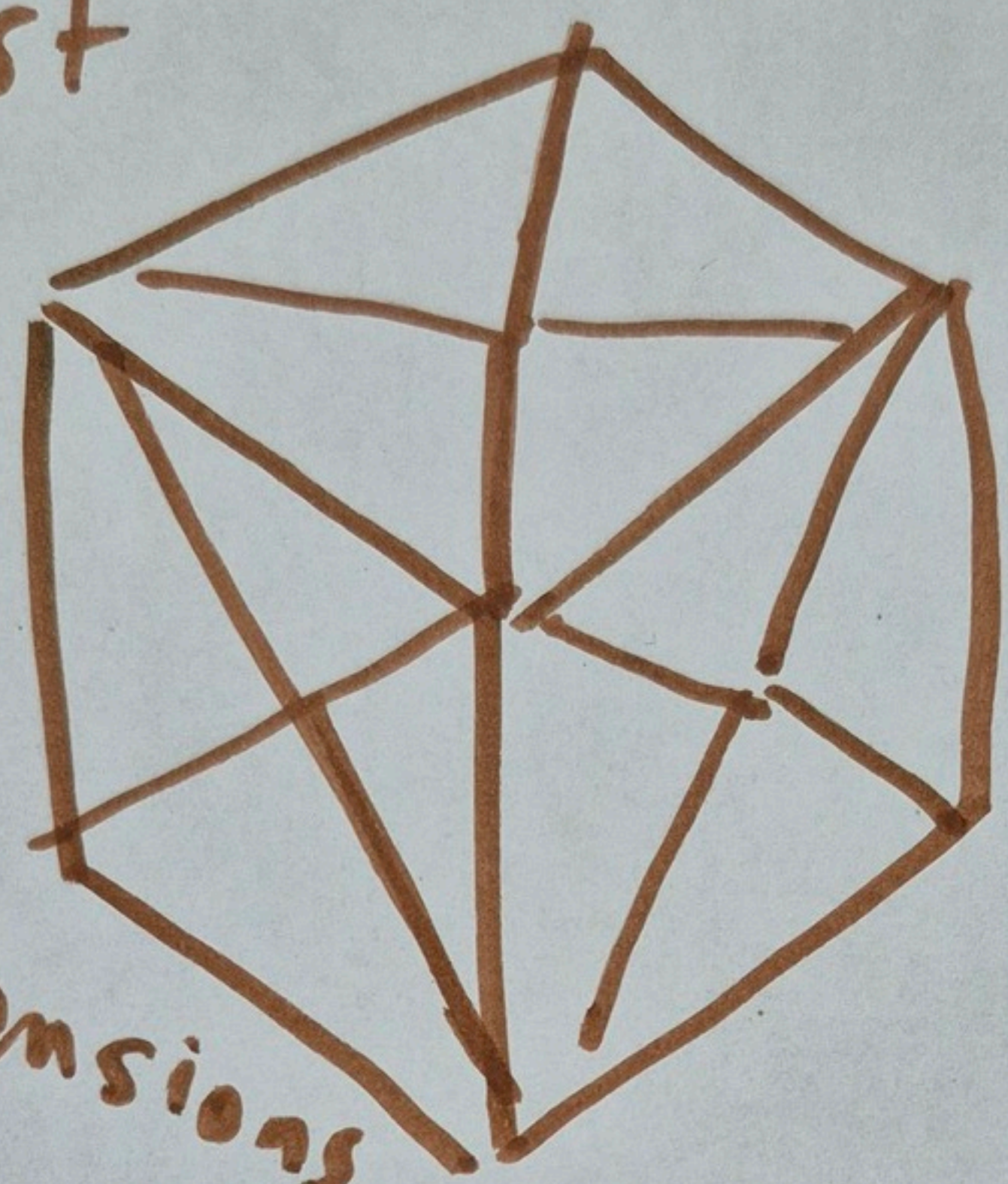


A unit hypercube's longest

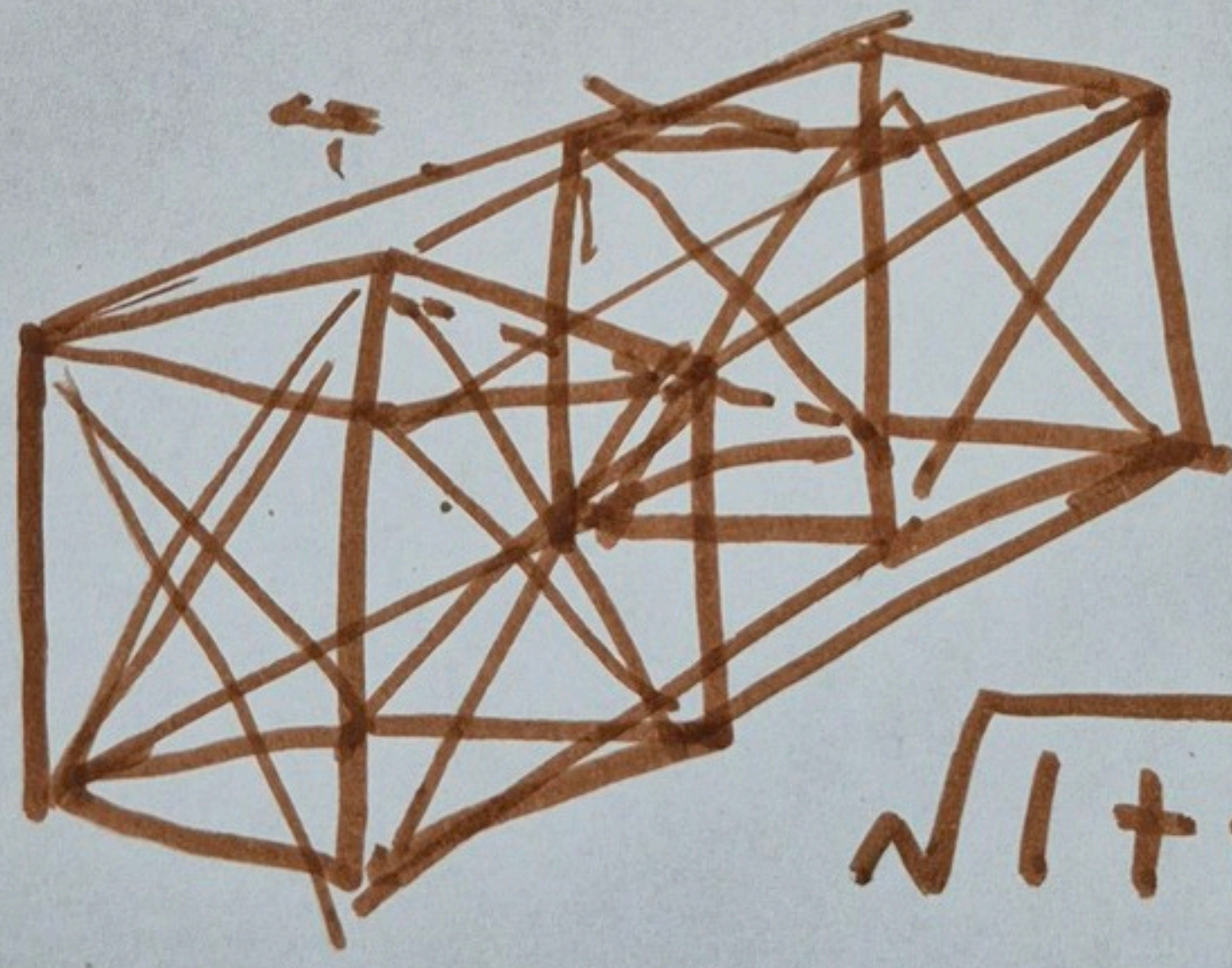
diagonal  
in  
n dimensions  
is

$$\sqrt{n}$$

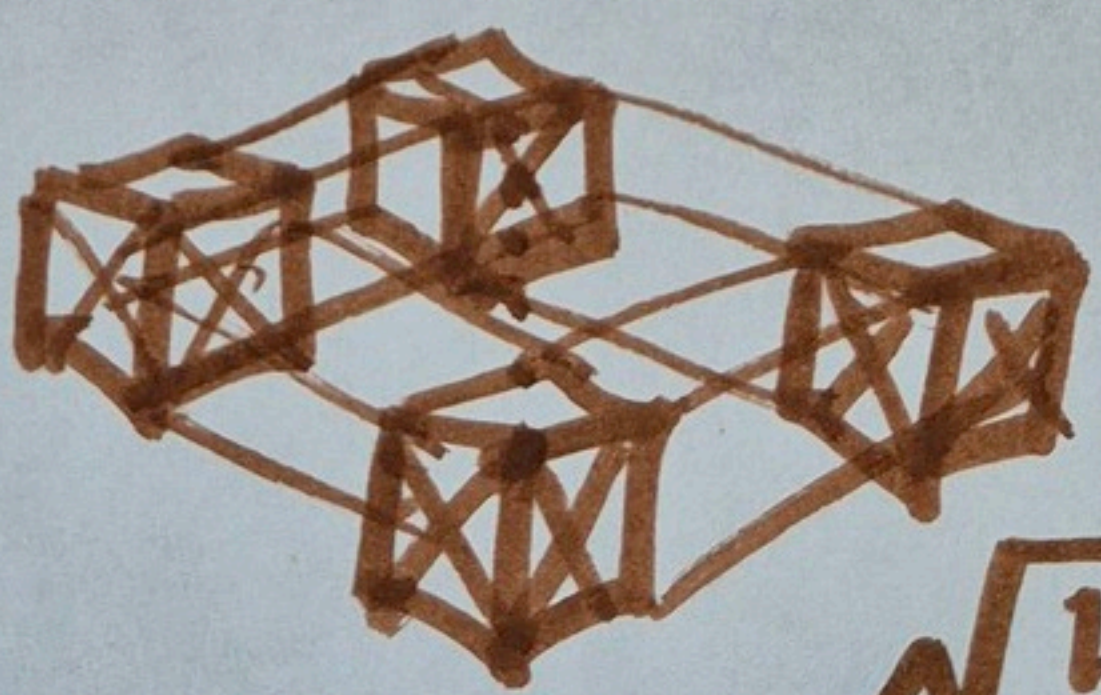
-wikipedia



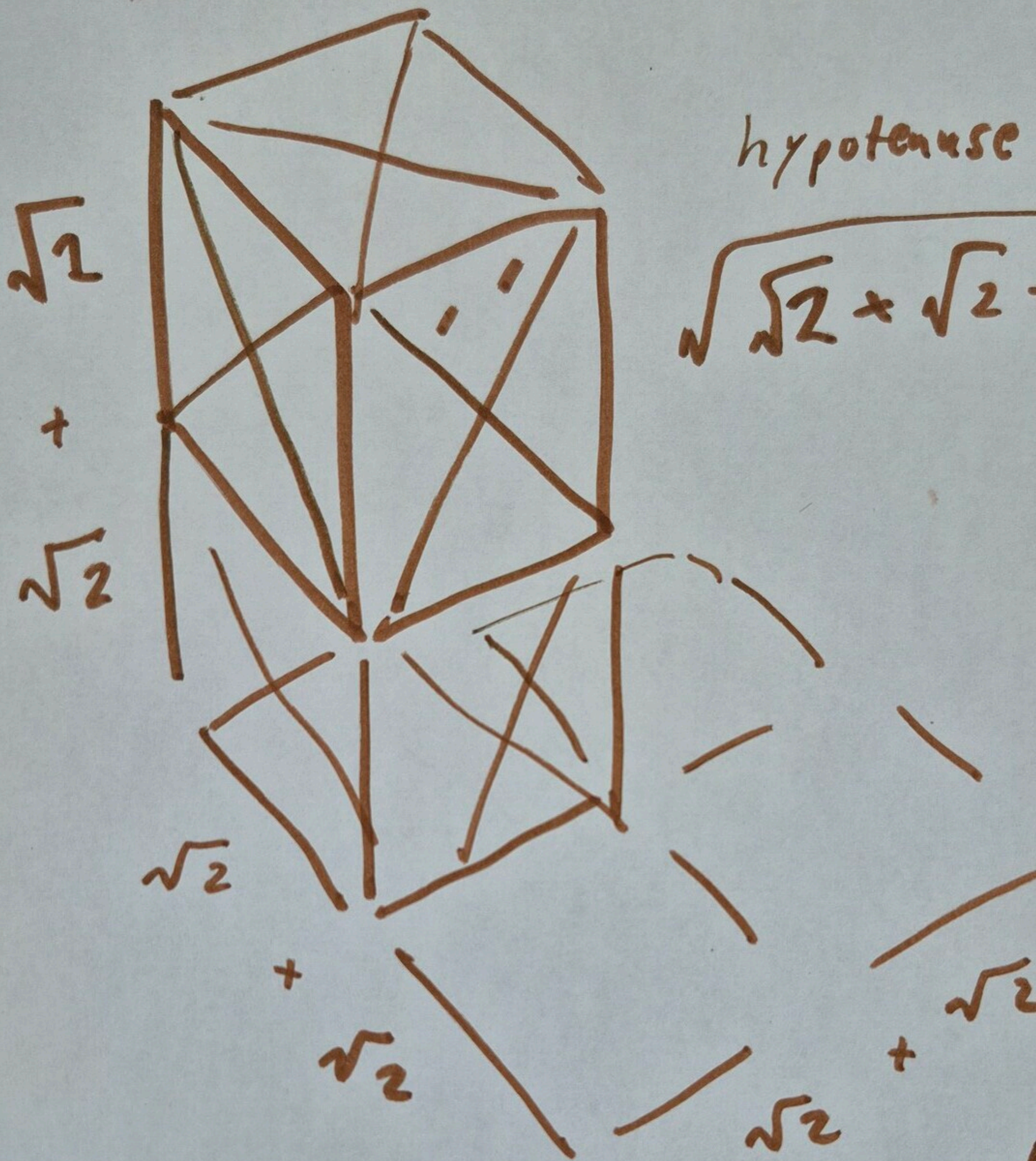
$$\sqrt{1+1+1} = \sqrt{3}$$



$$\sqrt{1+1+1+1} = \sqrt{4}$$



$$\sqrt{1+1+1+1+1} = \sqrt{5}$$



hypotenuse =

$$\sqrt{\sqrt{2} \times \sqrt{2} + \sqrt{2}}$$

hypotenuse = 5.91

$$\sqrt{\frac{(\sqrt{2} + \sqrt{2})^2}{(2\sqrt{2})^2} + \frac{(\sqrt{2} + \sqrt{2})^2}{2\sqrt{2}} + \frac{(\sqrt{2} + \sqrt{2})^2}{2\sqrt{2}}}$$

$$18 + 12\sqrt{2}$$

Qwerty to Dvorak

q becomes quote "

w to Write a comma ;

e Ends a sentence with a period . (dot)

r Replaced with P, Please (Registered nurse Practitioner) personalize  
and thank you

t TY

← Y yes the y is moved from your left index to your right index and moves one key to the left

your

y you can Forget what you know about typing

Favorite

u using Dvorak brings the phenomenological loop to the foreground

General

I IC IF you choose not to look at your hands

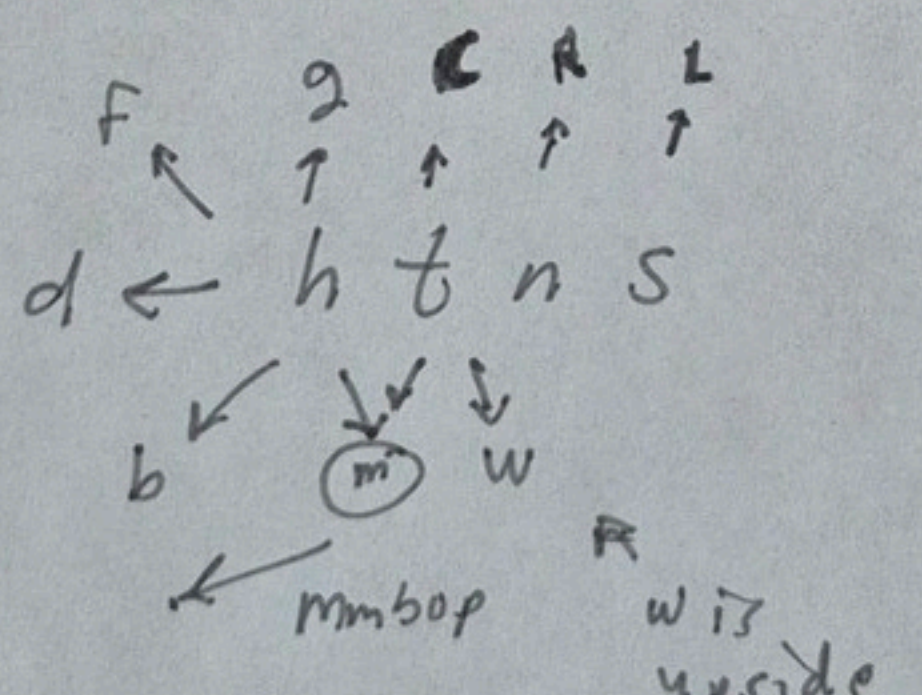
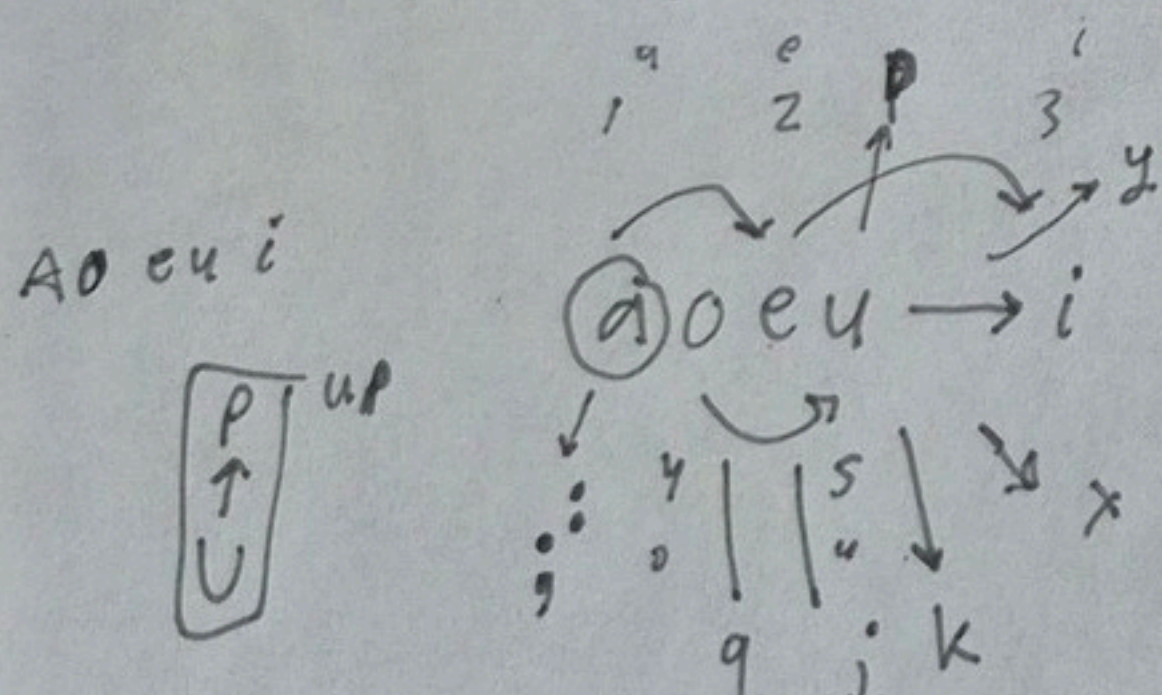
Command

O Obviously it is not really necessary

Response

P but Playing is a good way to Learn

Language



pyfgcr l  
py foreground control  
reinforcement  
language

a m are unchanged  
m a

b and m are both bilabials

pyfgcr l

aoeui dhtns

qj k x b m w v z

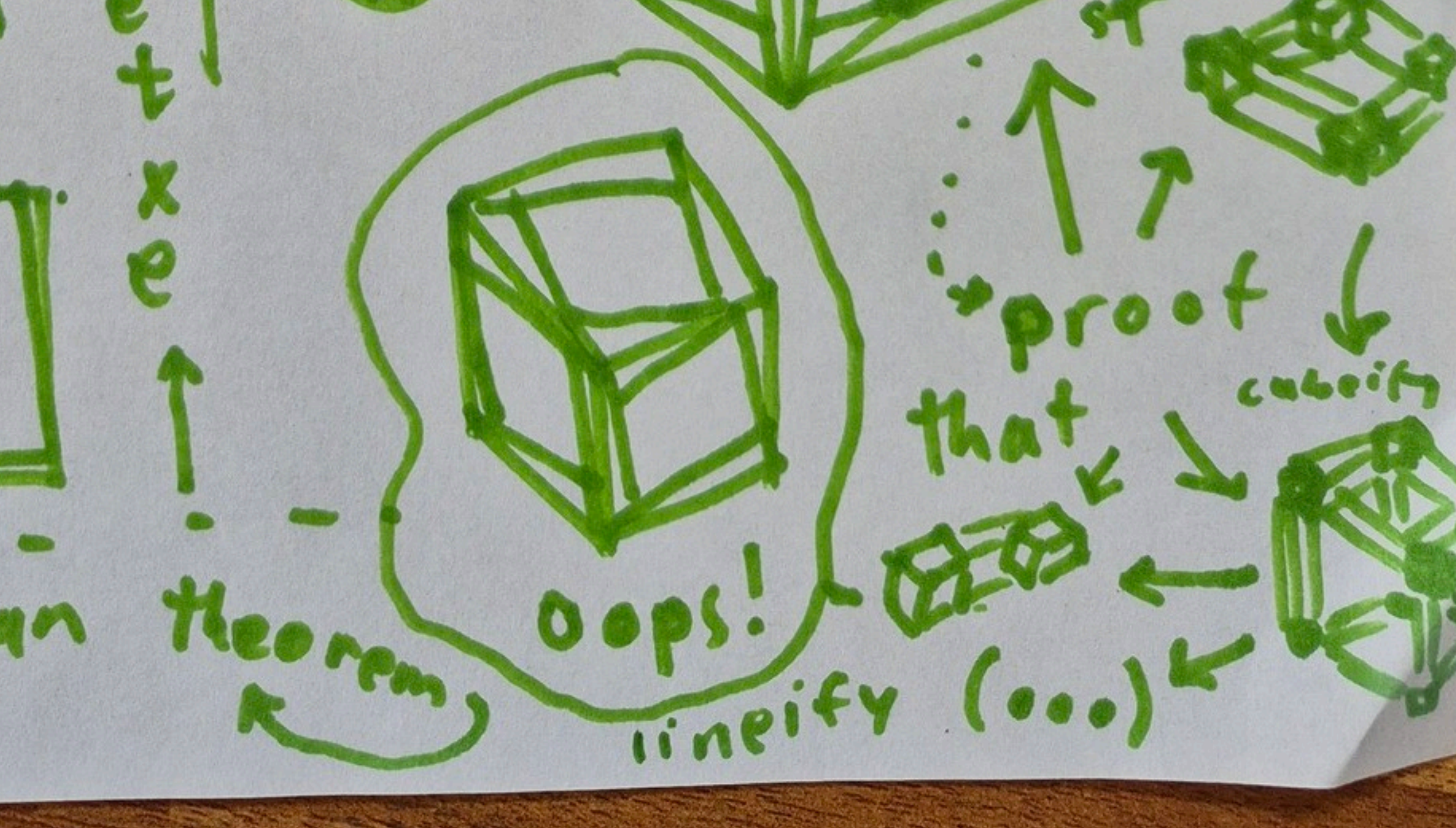
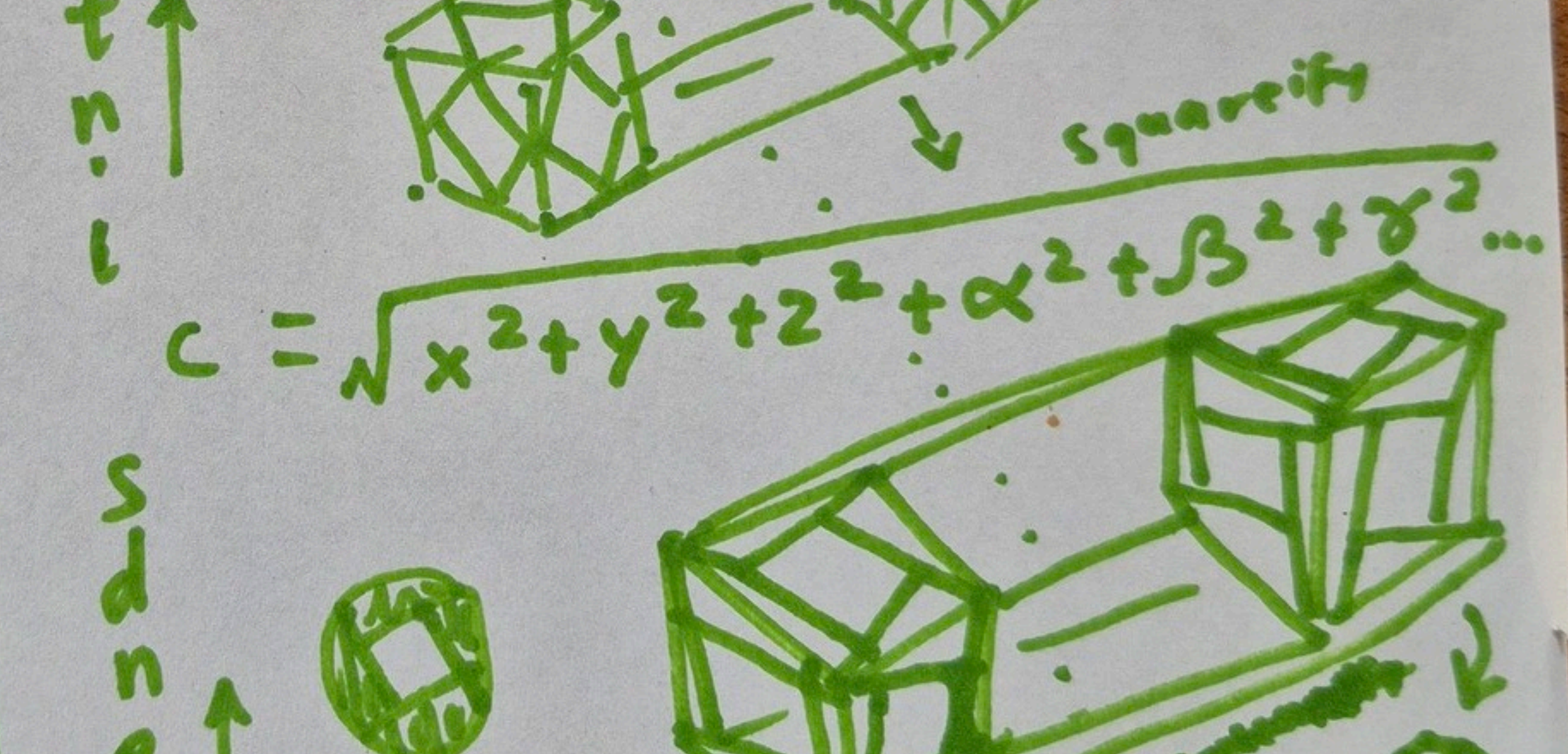
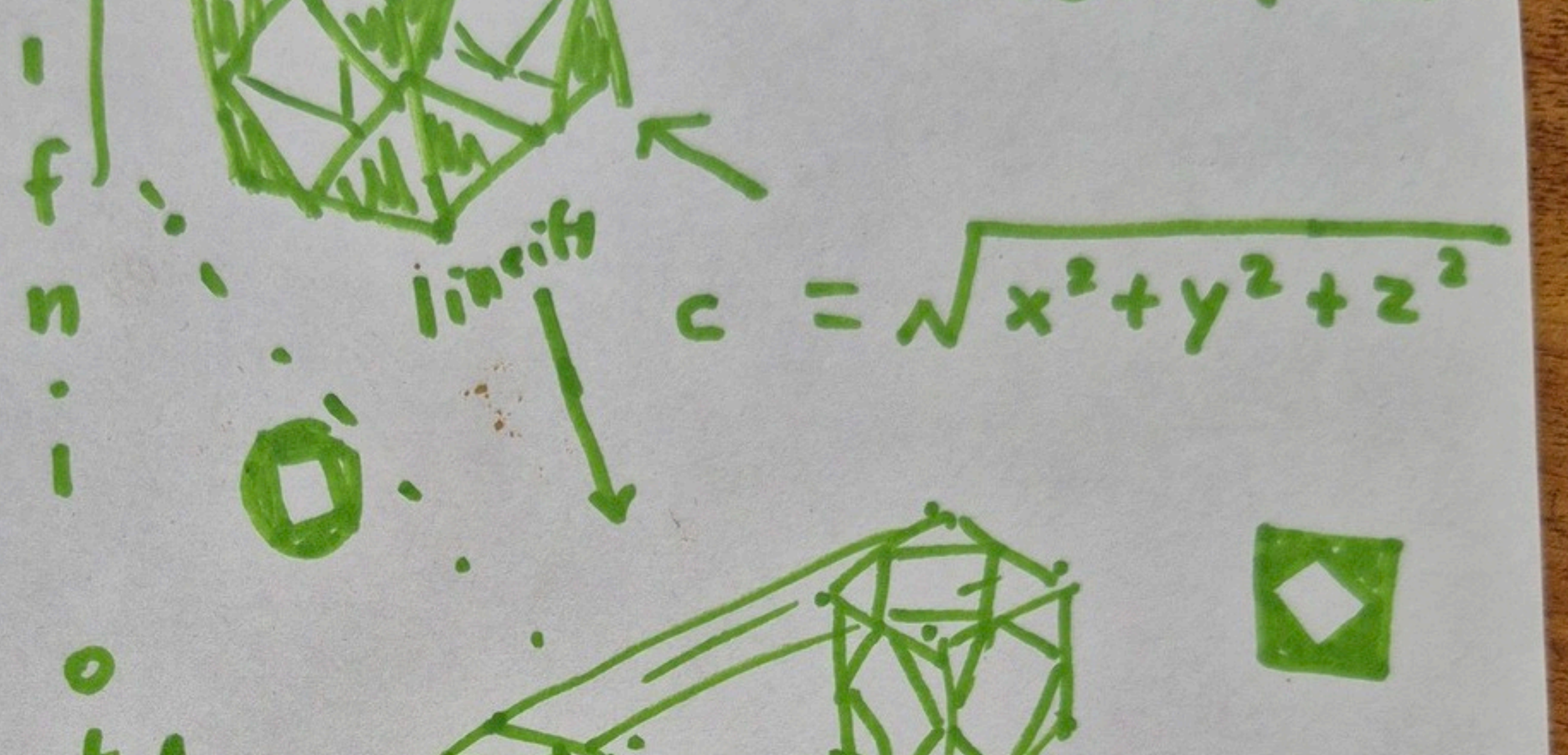
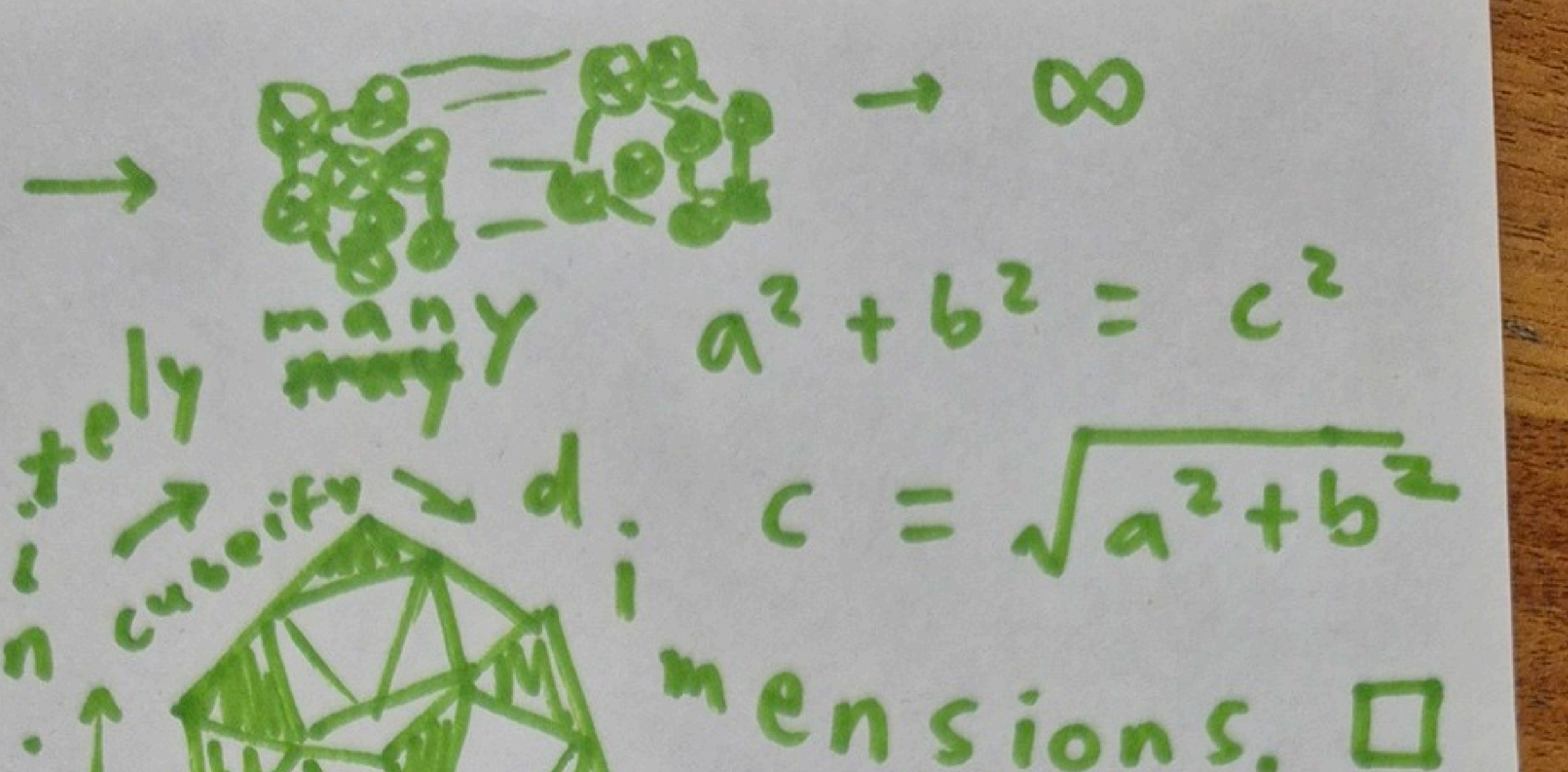
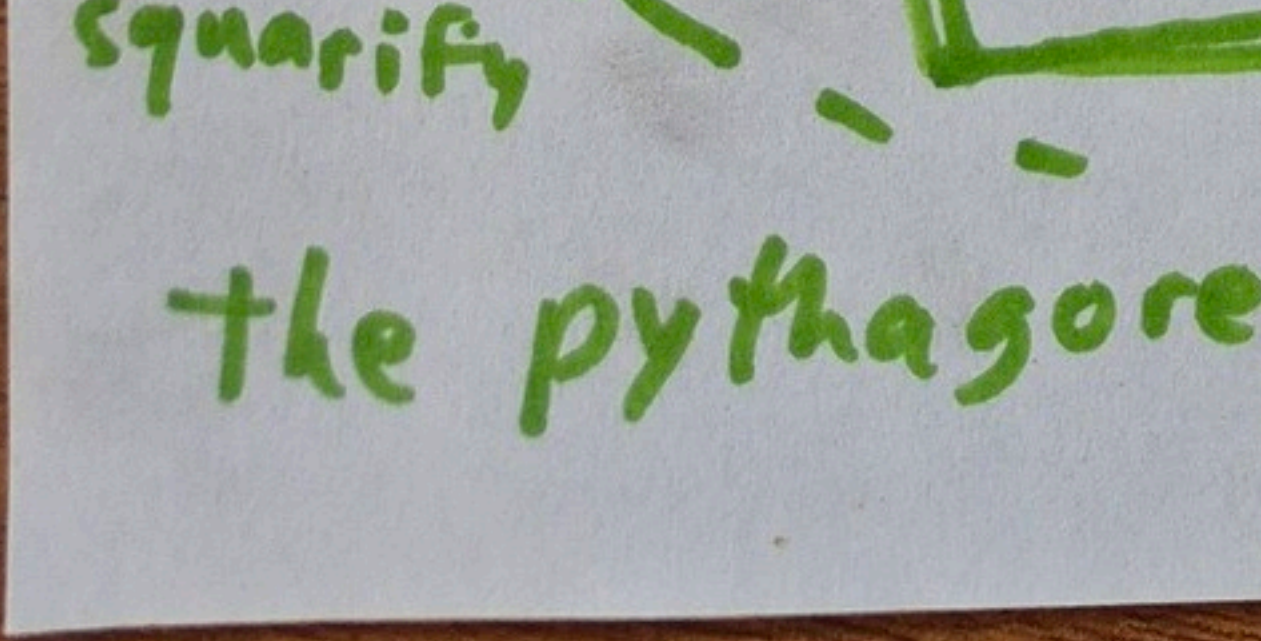
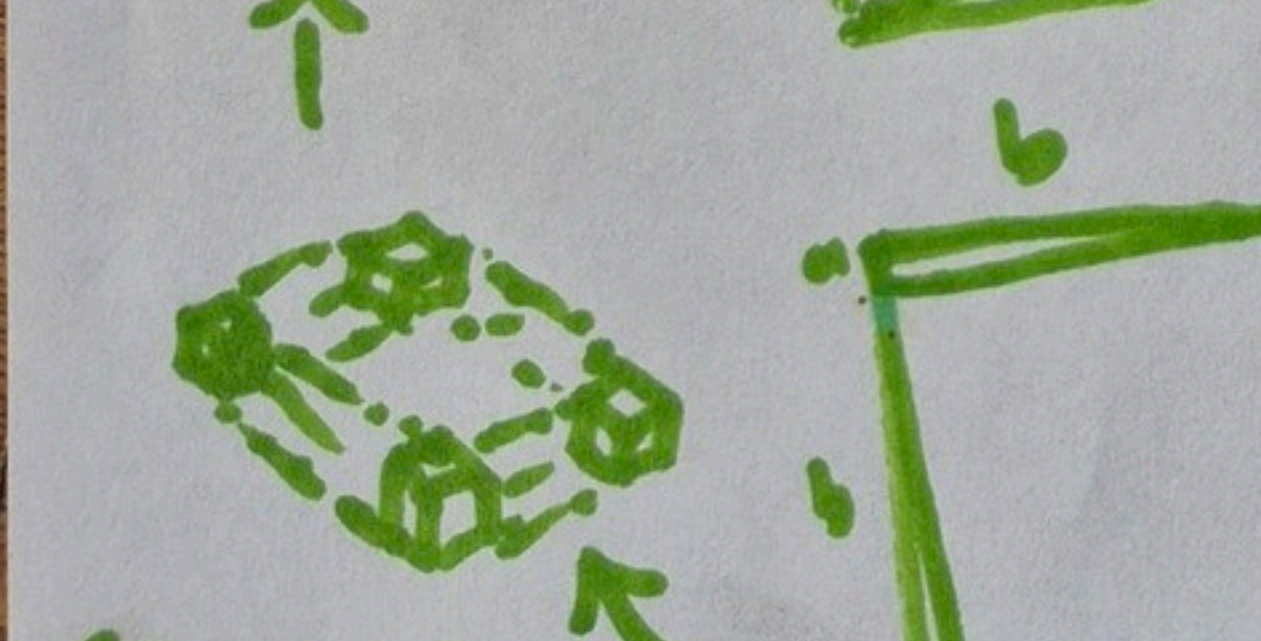
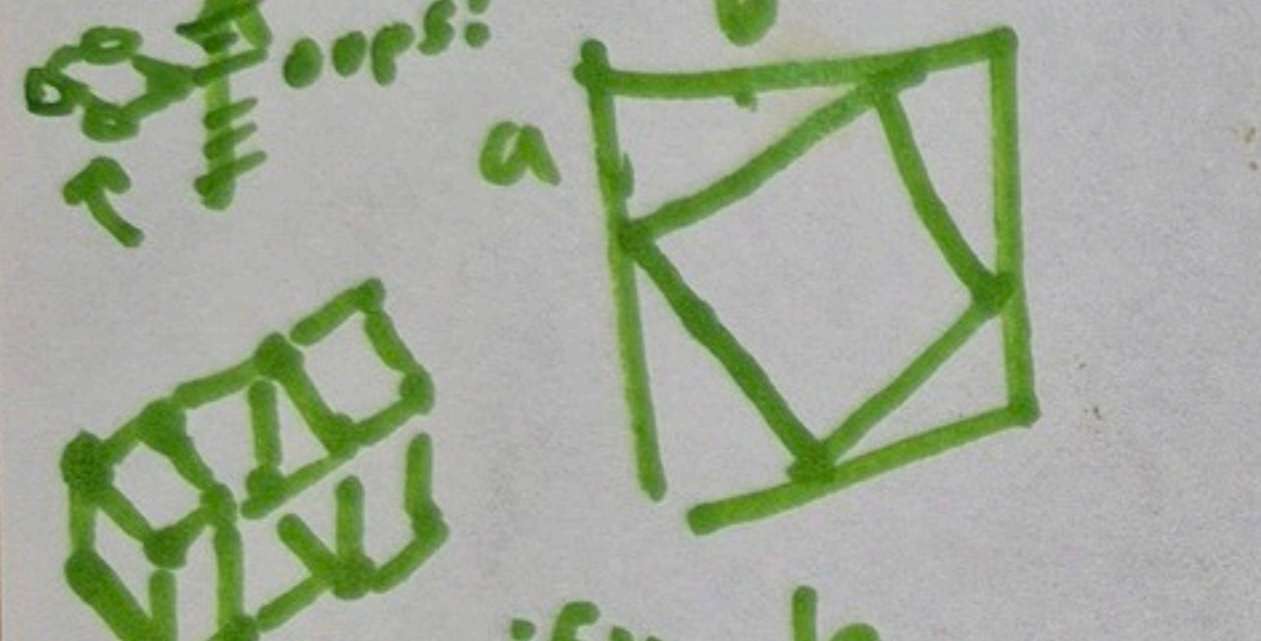
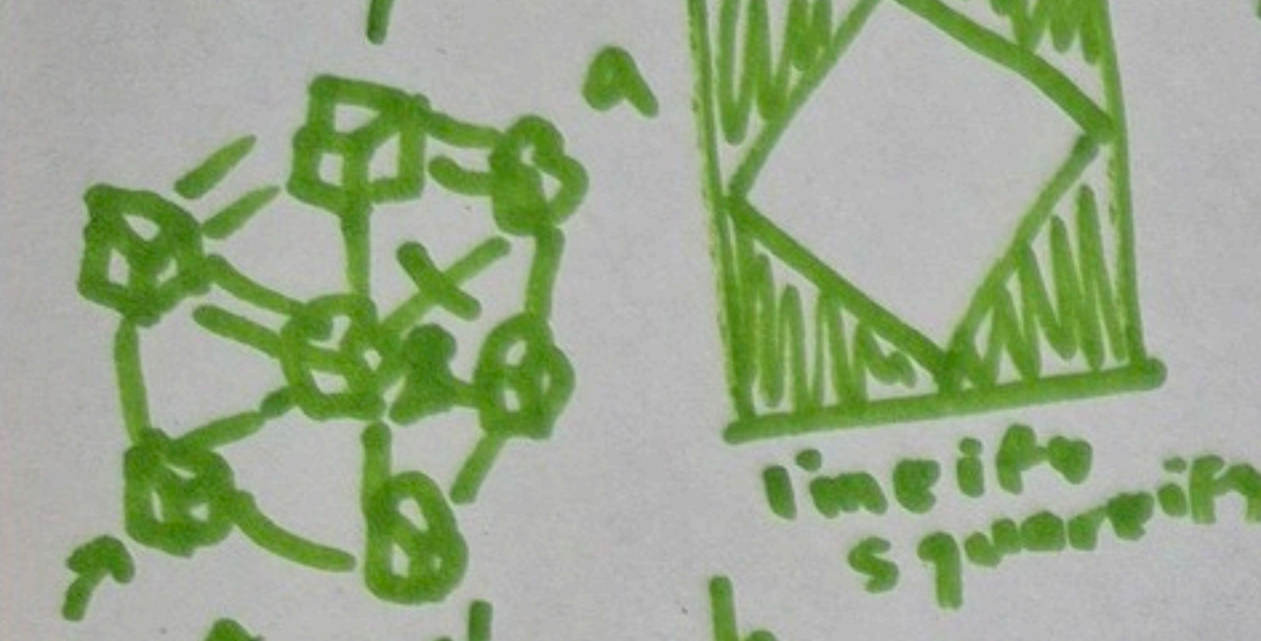
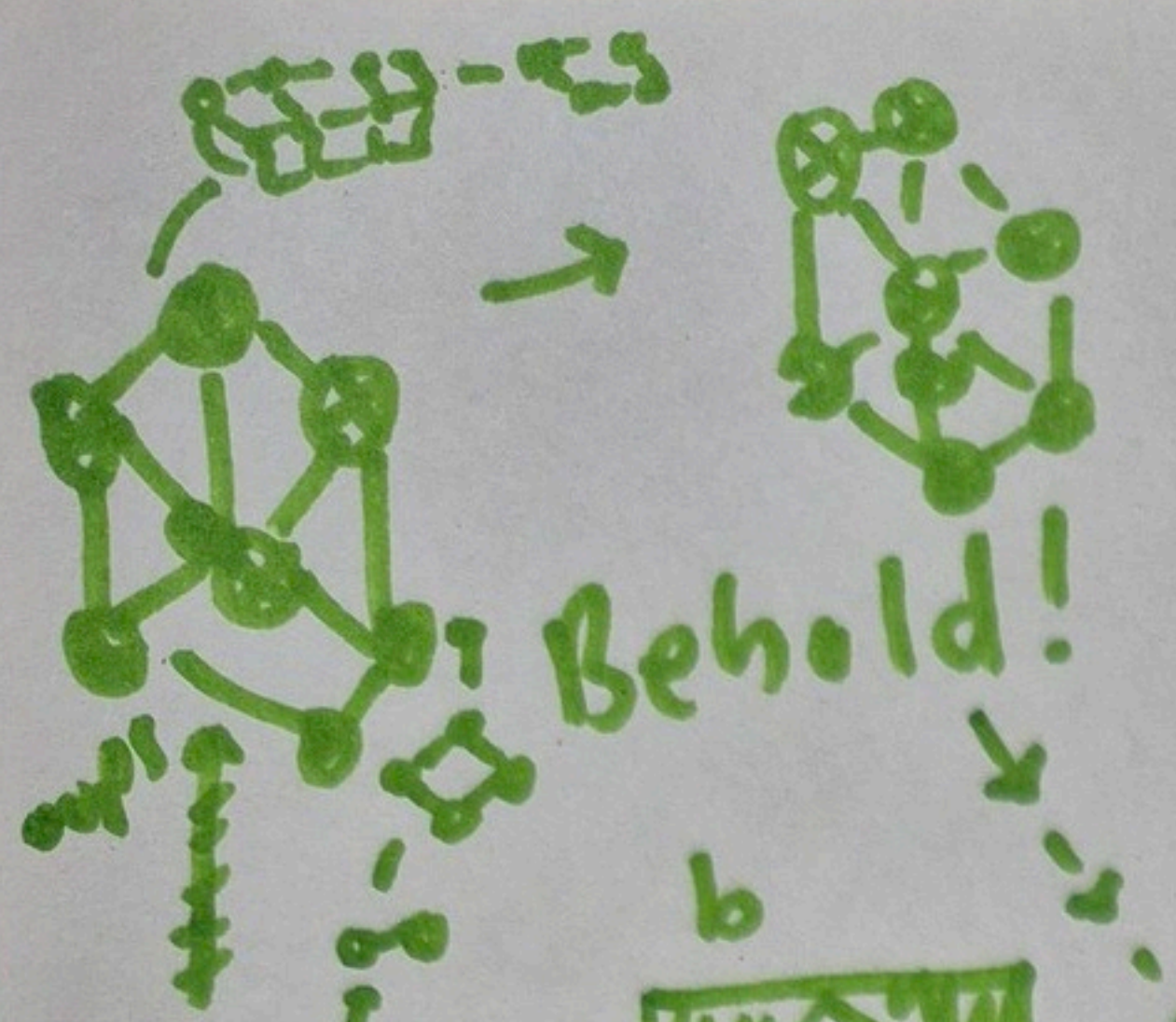
pyfgcr l  
aoeui dhtns  
qj k x b m w v z

11 letters 15 letters

py	fgcr l
aoeui	dhtns
qj k x	b m w v z

15 letters 11 letters

qwerty	yuiop
asdfg	h j k l ;
zcxvb	nm . , /

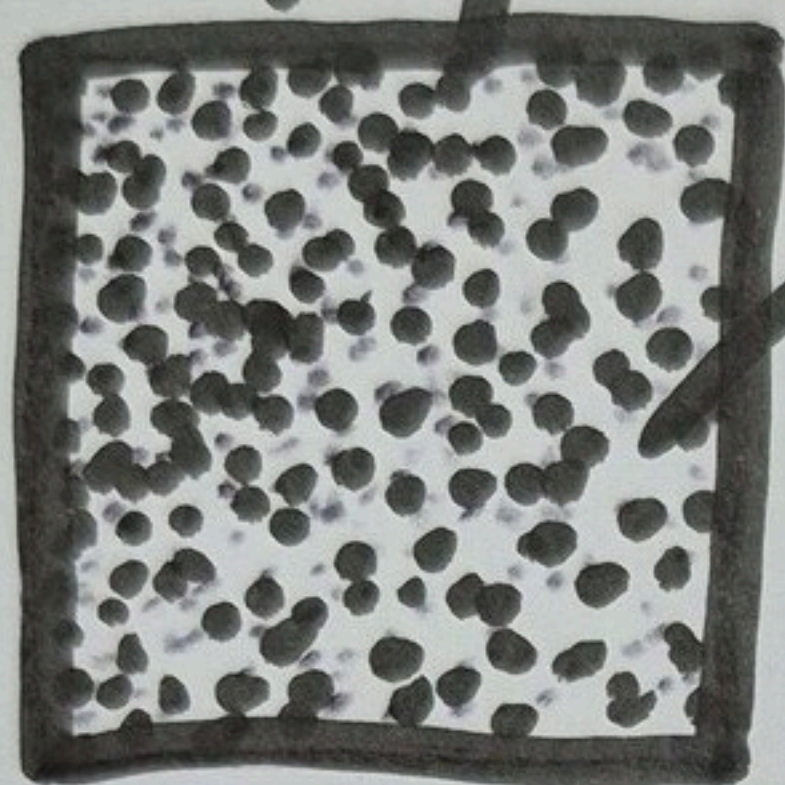


The pythagorean theorem

# The Logarithmic History of the Universe

baryons, radiation, & dark matter

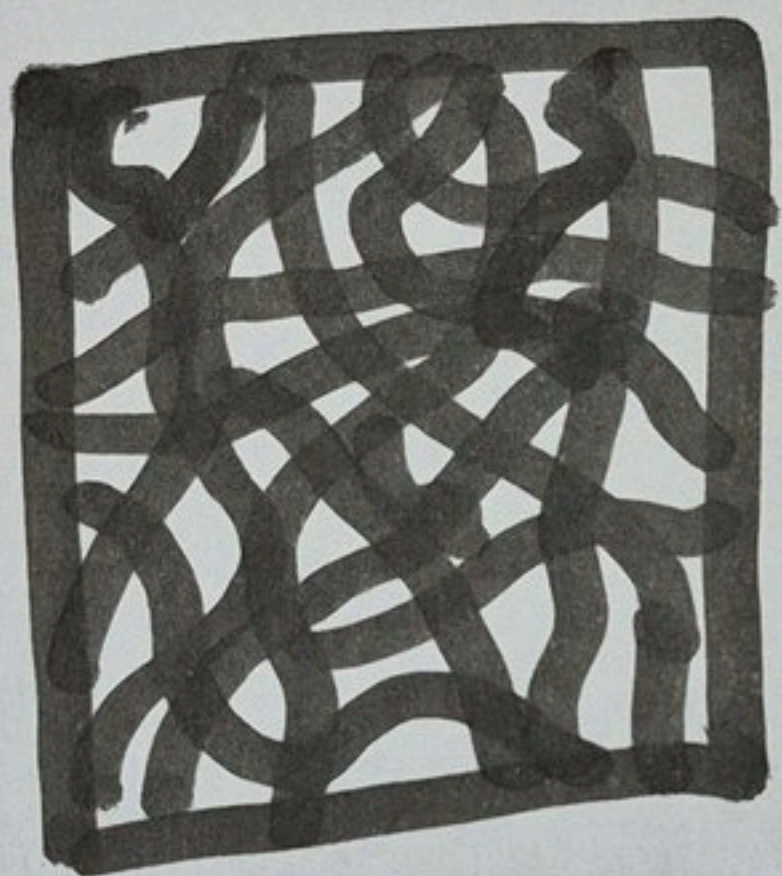
UNIVERSE



lamphrodine

dark energy

Ising Sink

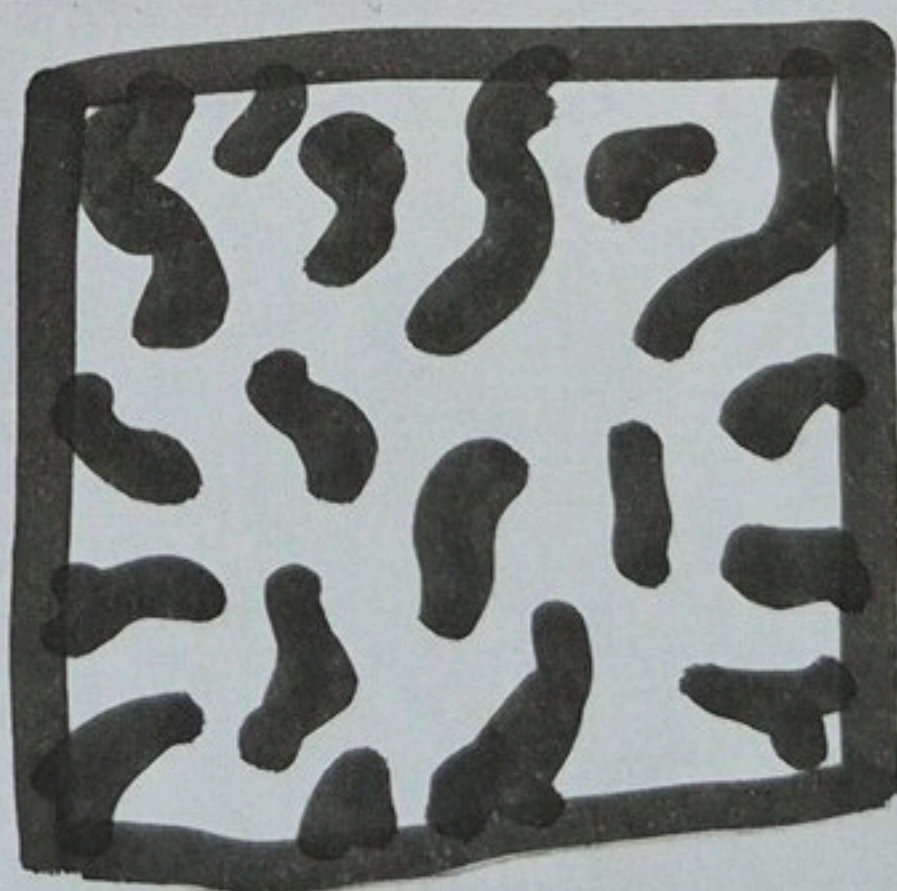


$$\left(\frac{v}{v_0}\right)^2 = \frac{\rho}{\rho_0} \times S^2$$

$$\frac{(KE)}{(GE)} \rho_{0,crit} =$$

(model / quench)

$S =$   
separation,  
scale factor,  
size



$$1 - \frac{\rho_0}{\rho_{0,crit}}$$

(TE)

lamphron

lamphrodine

