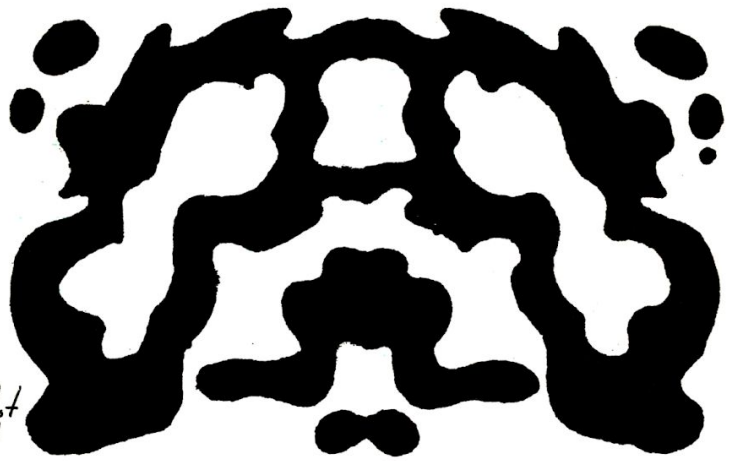
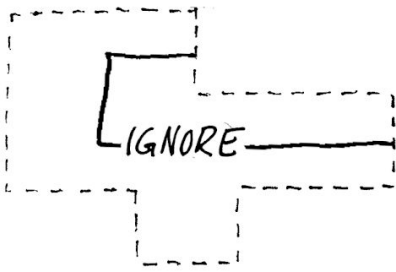


# Looking Glass



I've noticed a weird phenomenon. It appears as if the mirror world is not a true reflection of our own. Earlier today, I drew the forest along with the reflection in the lake. I observed 9 discrepancies between the two. They were all major differences, not just variation in my drawing. What could it mean? I'll have to find connections between the 9 pairs to learn more...





A Rorschach test, also called an inkblot test, generally has mirror symmetry, and can often reveal one's underlying thoughts.

\*stoh ot zelt

When I find a clue or an object I don't totally understand I like to come back to it later to discover more, I used but more information further on in the journal.

I've seen the two circle symbol around a lot. I probably can ignore it for now, but it may prove useful for determining Bill's plan.



Symbol for especially suspicious activity, possibly related to the evil one from the mindscape who calls himself Bill Cipher.

PO9

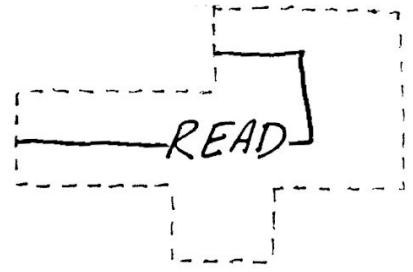
THE DARK ATTACH

Zete

With a

I invented an invisibility cloak recently, but now realize my mistake. This tech is simply too powerful. If it falls into the wrong hands, instead of being used for good as I intended, it could be used for HARMING people!

I destroyed my prototypes and all related research. Also, in case some one finds my journals, I poured ink on all my data. As long as I didn't miss anything, I no longer have to worry.



a snake and mouse maze:

An idea for an experiment I just had. I'll write more later. It's at the edge of space-time folding research!!

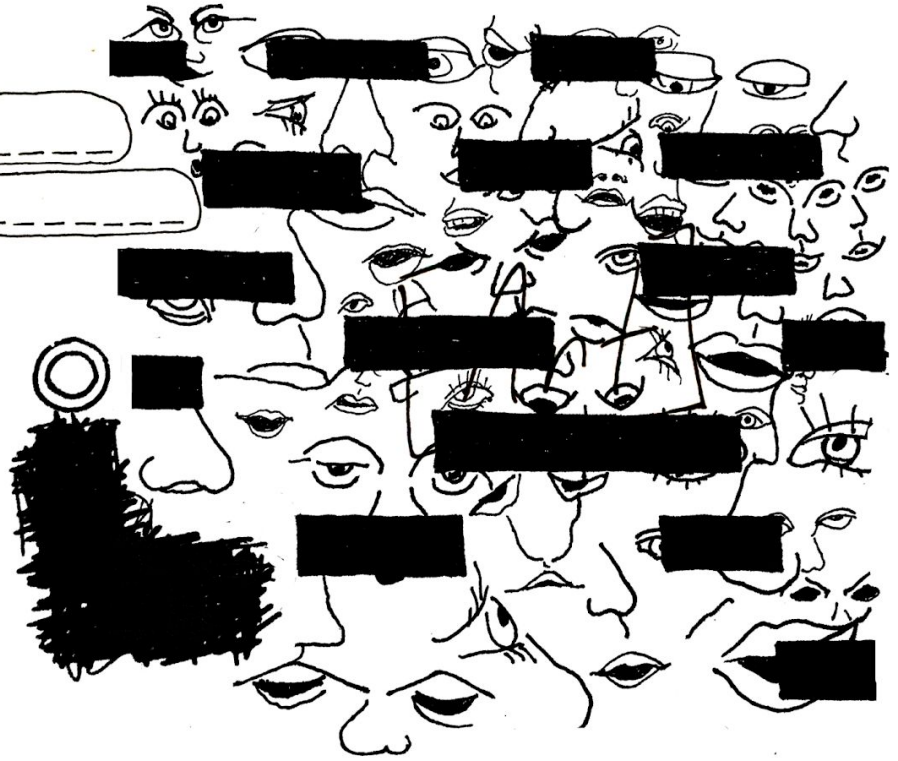


Science should be for good! Not for evil!

Now that I've moved to Gravity Falls, I see loads of unexplained mysteries every day. At first I thought the amount of sheer strangeness and magic at this one location could be a coincidence, but recently, I'm noticeably convinced. The likelihood for any town as small as Gravity Falls to contain such a high concentration of phenomena is extremely improbable. If I could figure out why the weirdness doesn't spread to the rest of the world, that could be, possibly key to finding out how it got here in the first place. Some person or group could be protecting the world for public interest by keeping the unworldly artifacts and tools for themselves. In the long run, this excites me to imagine the world harnessing this knowledge, but in the short term, I need to figure out who is preventing it and why. I believe the world deserves to know and it's my duty to inform them. I say am I trying to imply this will be an easy battle. If they have the power to control the creatures and secrets of Gravity Falls, I can only imagine the kinds of weapons at their disposal. I'm not enough to censor this much knowledge could potentially be dangerous, so I must be careful.

03

One of my more promising colleagues single-handedly wrote some impressive papers I should check out.

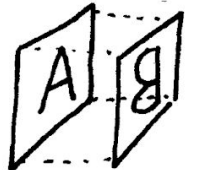


# Censorship

They can censor our words,  
but never our minds!

SEE NO EVIL, HEAR NO EVIL, SPEAK NO EVIL

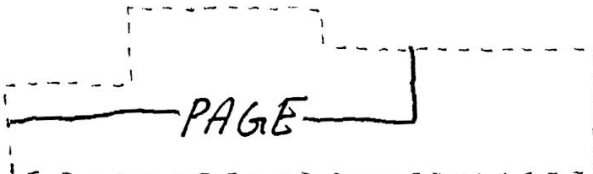
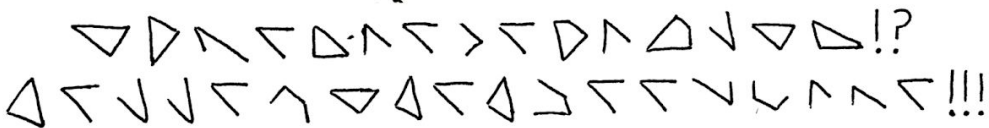
Daredevil	Diabolical	Cross over	Uphaval
Retrieval	The village	Paper	Revulsion
Diegonals	Wicked	Medieval	Reviled
Vaudevillian	De-vulgarize	Weevil	Maleficent
Observe	Immoral	Bad	Traversal

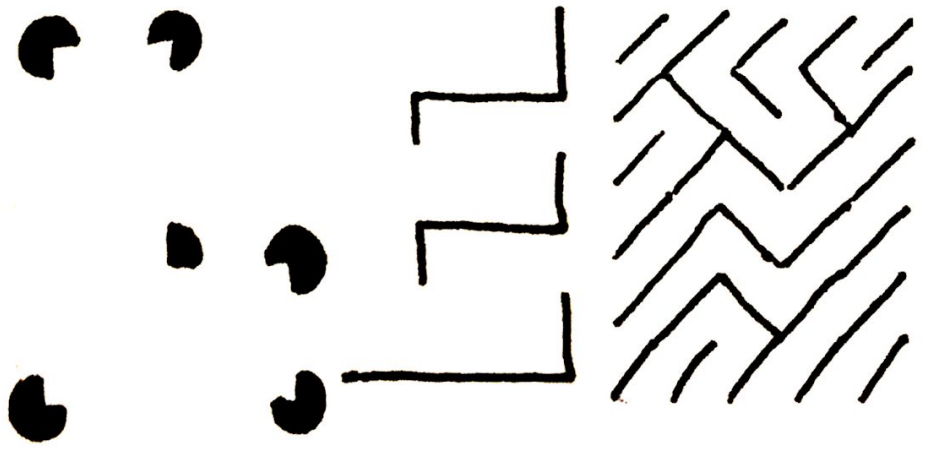


Note to self:  
Taping two things together  
means they must be  
facing each other.

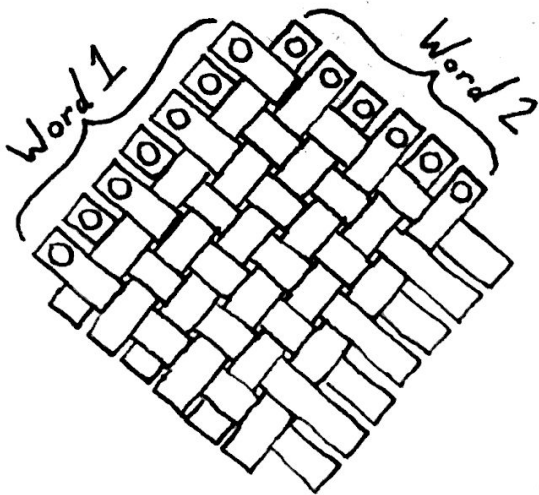


Pigpen? No, it's  
not quite that...





How some ancient art was made:

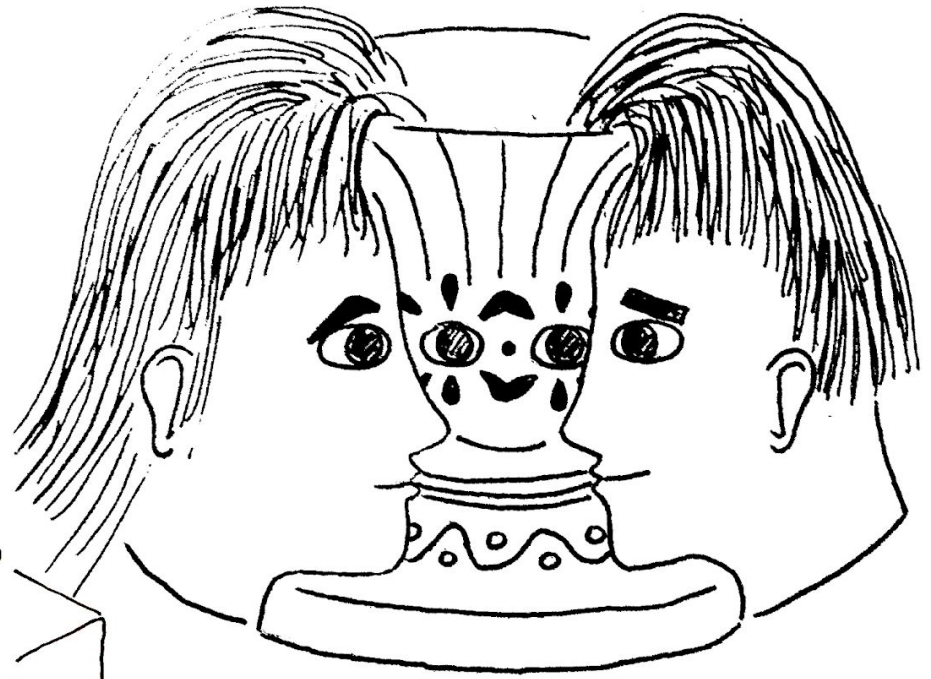
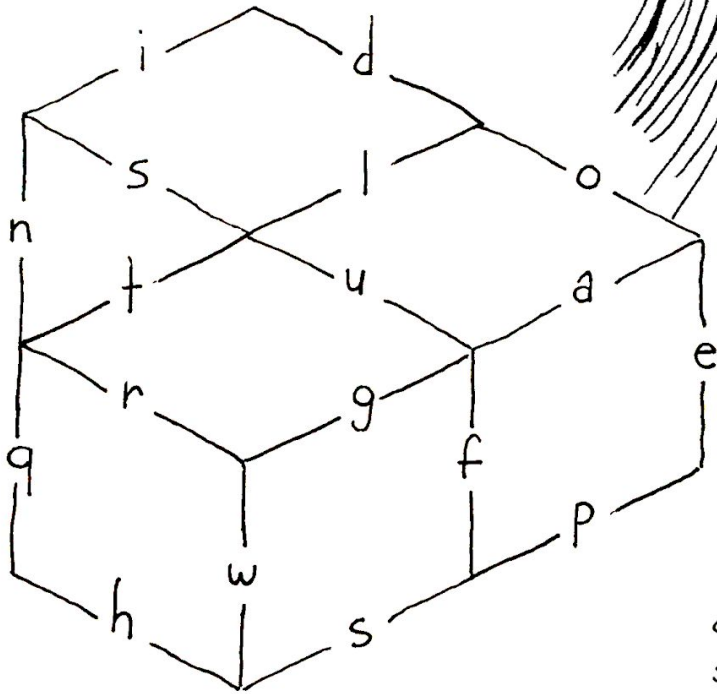


SPACE

Illusions

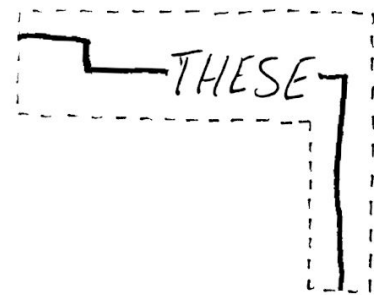
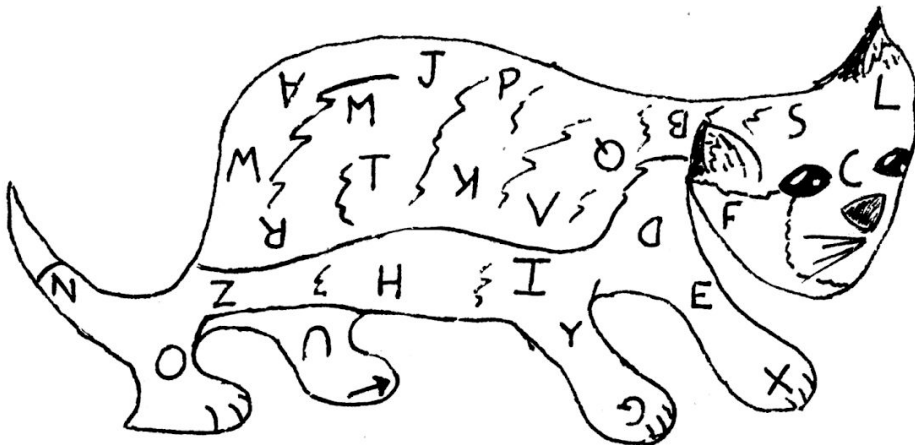
Apparently the secrets to quantum inversion may have been known to the ancient people of Ekwe. The fundamental 9-digit constant was found in some artifacts from their society!





There are 3 cubes in this picture, but that is an ERROR! 7 of the lines are in the wrong place, including at least one from each currently visible cube. After I fix it, I should see 2 cubes, and 7 revealed letters

I can't find matches or toothpicks, so I'll just use strips of paper to test it out, but any of those would do fine.



An ermine, also called a stoat, is an animal closely related to the long-tailed weasel  
(Figure not to scale)

Gravity Falls?

No... That's not scientifically accurate...

# Invention

Living in Gravity Falls has been great for my scientific progress. There is so much new to explore, and so many new tools to create with!



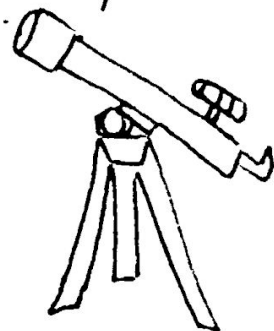
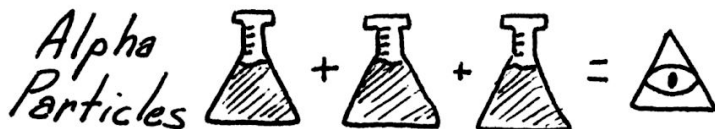
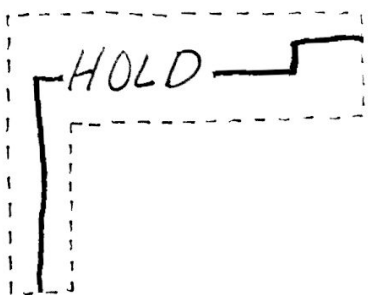
(1-1-1)

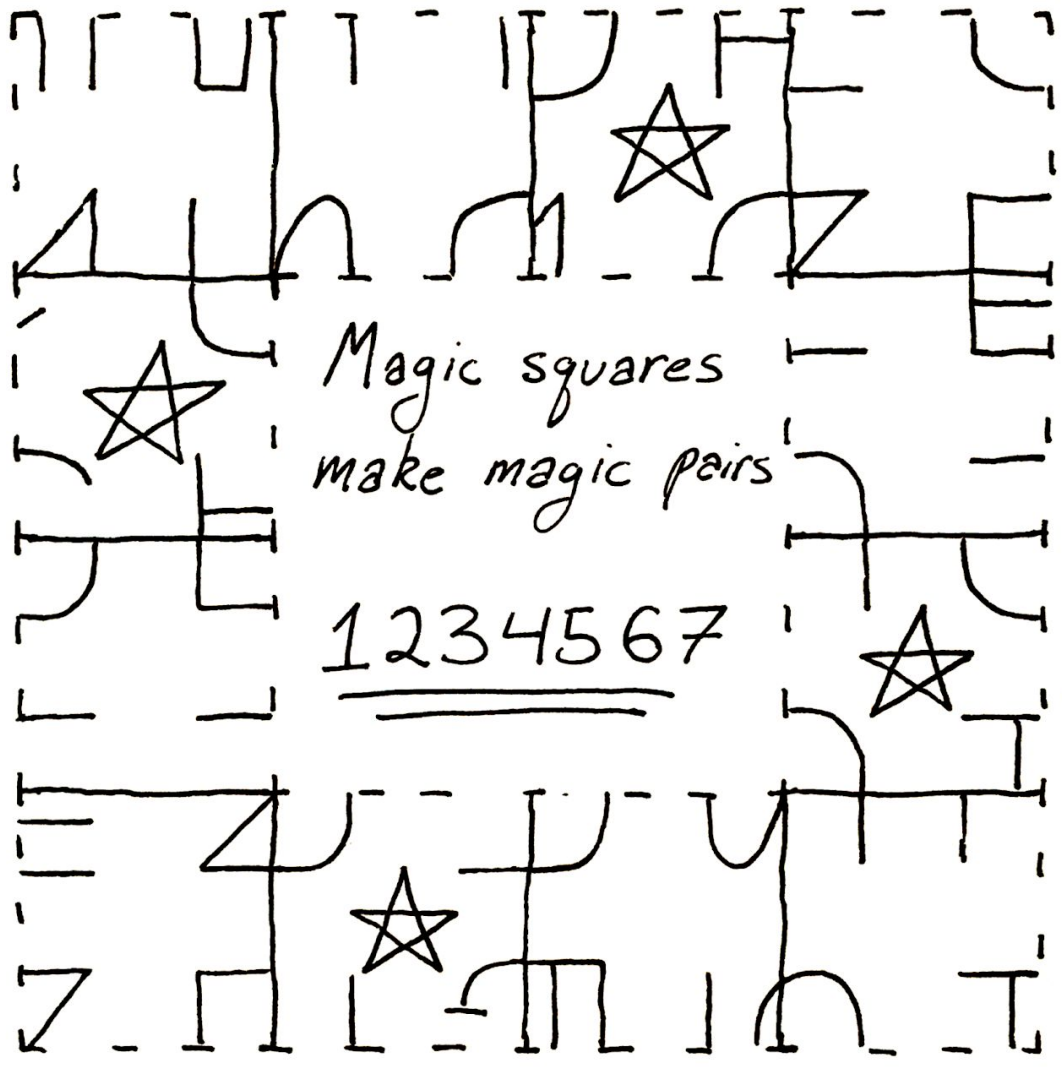
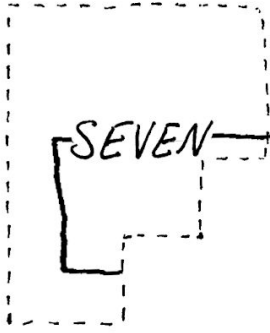
I needed scissors recently. I dashed to the store, and cut all the lines! But because I was in such a rush, I didn't notice I bought IMITATION Super Snips! I'd recognize a real pair anywhere they are!

○ = Hinge

◊ = Eyepiece

Discover 9 full specimens,  
(Don't just look for the 26 fundamental particles which make them up!)

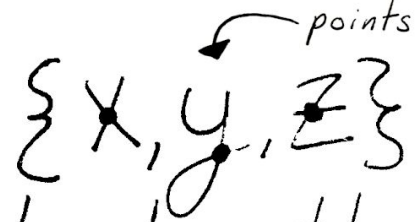




Compass and straightedge? That's so old-school. The only things needed are tape and string.

Look for start points

Points A, Z, Y are on a line, and the distances AZ and YZ are equal.



AX is equal to BY, and XB is twice that.

First make matches to know where to look.

$$XC = AB - AY \text{ and } BC + ZC = BX + ZX$$

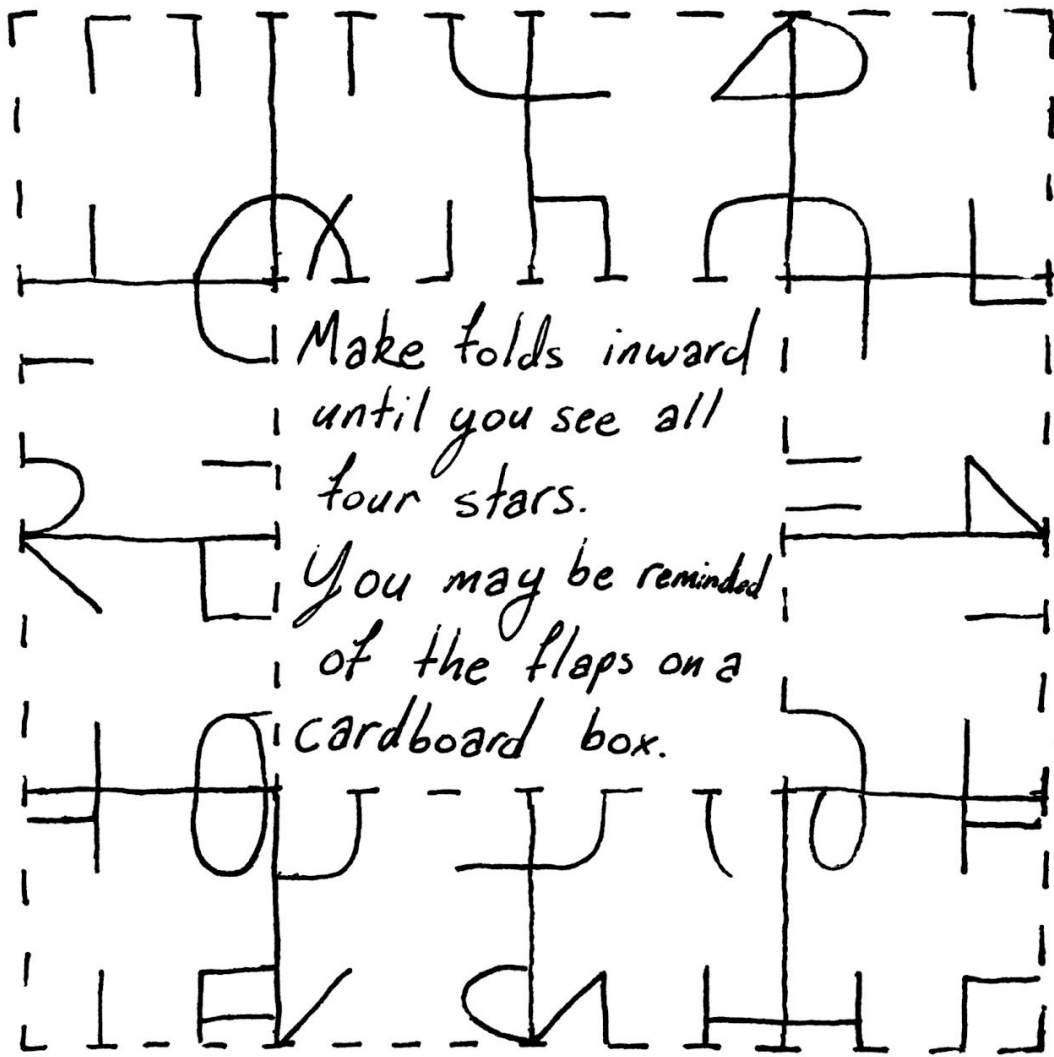
Quantum Inversion Formula

$$XD = BD \text{ and } YD + 2CD = YA + 2CA$$

$$80 - 6 = 1$$

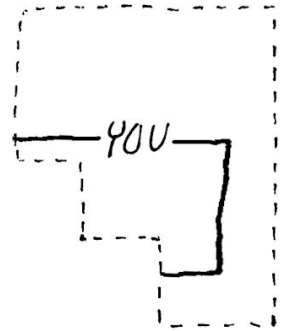
$$\text{SIXLESS EIGHT} + 9 \text{ IS } 1$$

Hmmm... 80-6 clearly isn't 1, but I'm sure I checked it on my calculator. Maybe my printer printed the formula wrong?

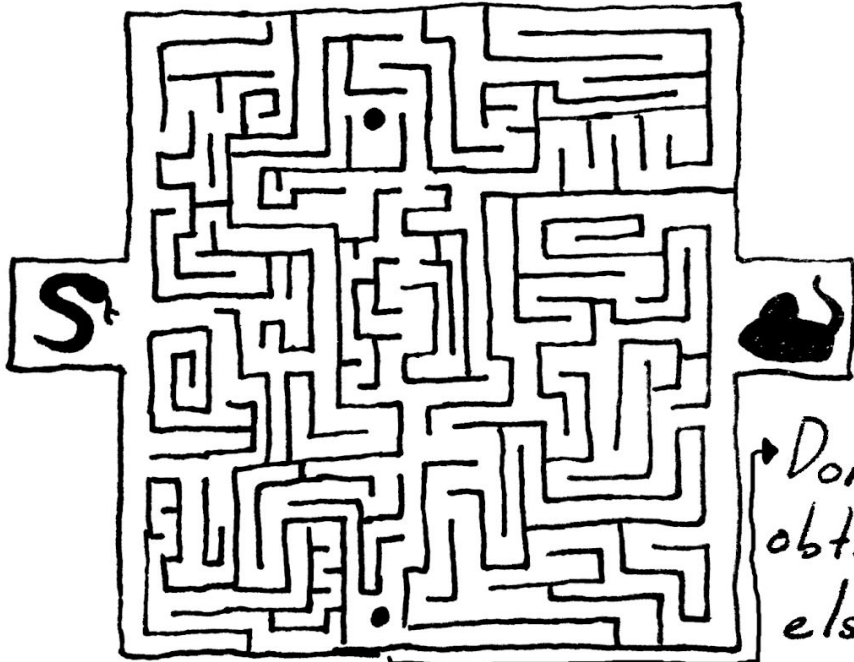


Make folds inward  
until you see all  
four stars.

You may be reminded  
of the flaps on a  
cardboard box.

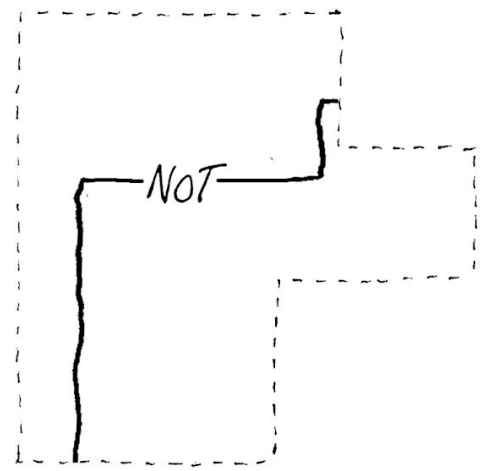
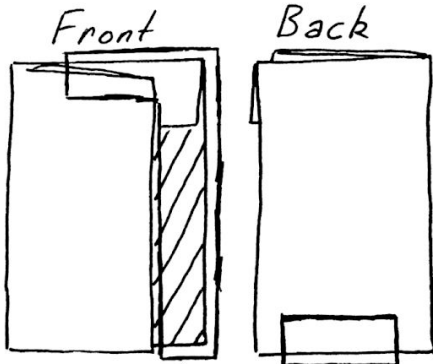
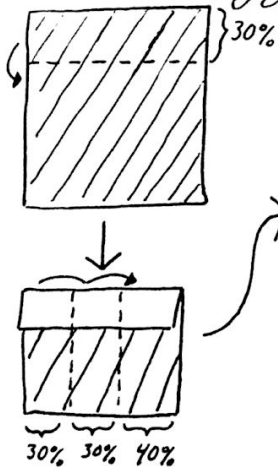


There's an experiment I recently set up at  
my lab: It's an impossible maze to test  
whether or not snakes are capable of changing  
their approach, or if they'll remain out of view  
of the mice forever.



Don't use the phrase  
obtained yet. Save for  
elsewhere!

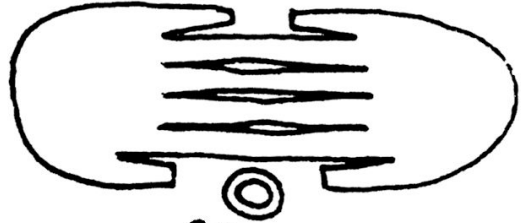
Start with a paper rectangle with the front facing you.



You might find this command helpful

and there's a WORD concealed between these two

If I ever want to make an abridged version of these journals to publish, much of the information is important, but most of the art isn't, so it'd be fine if I cut it



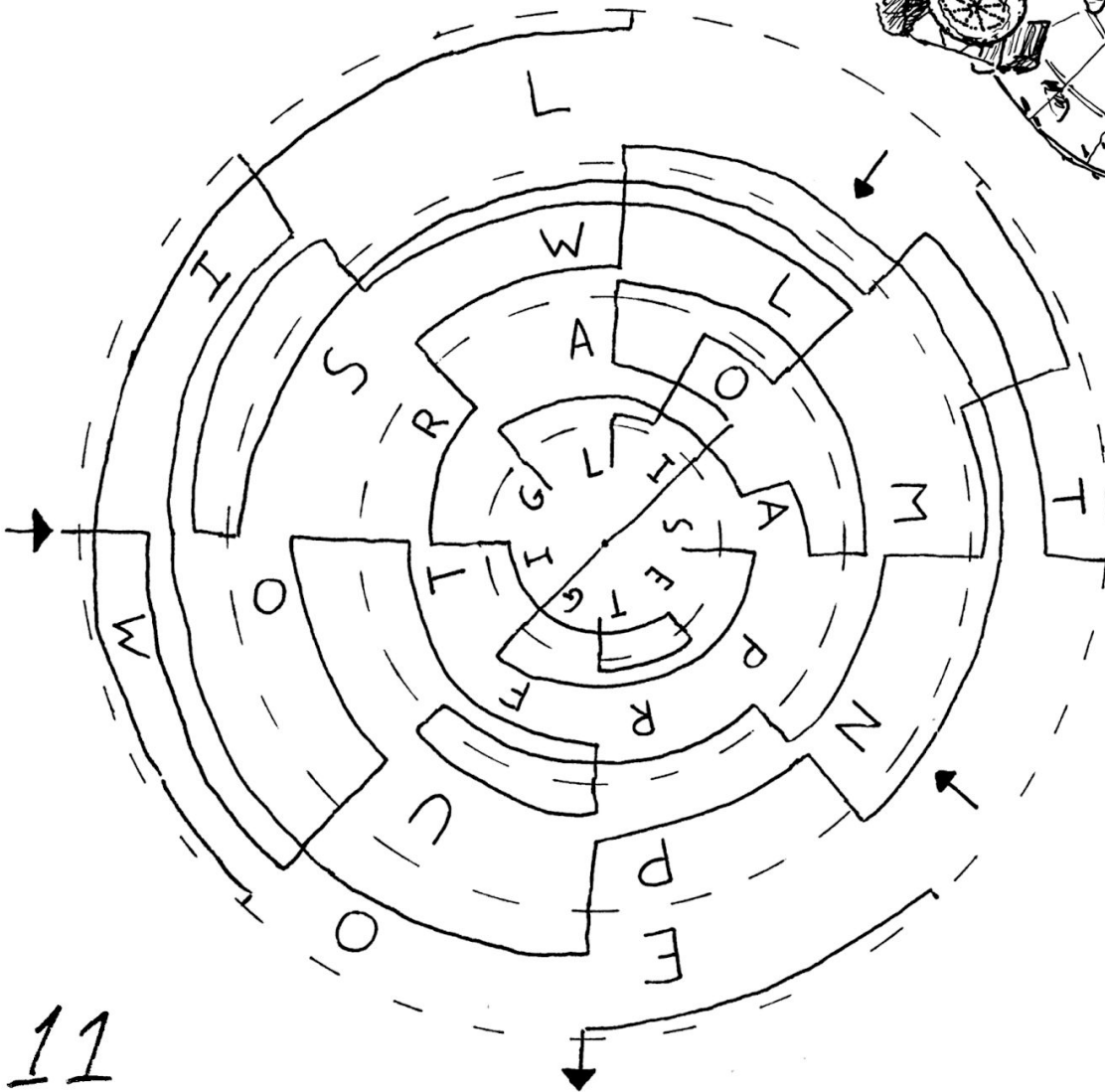
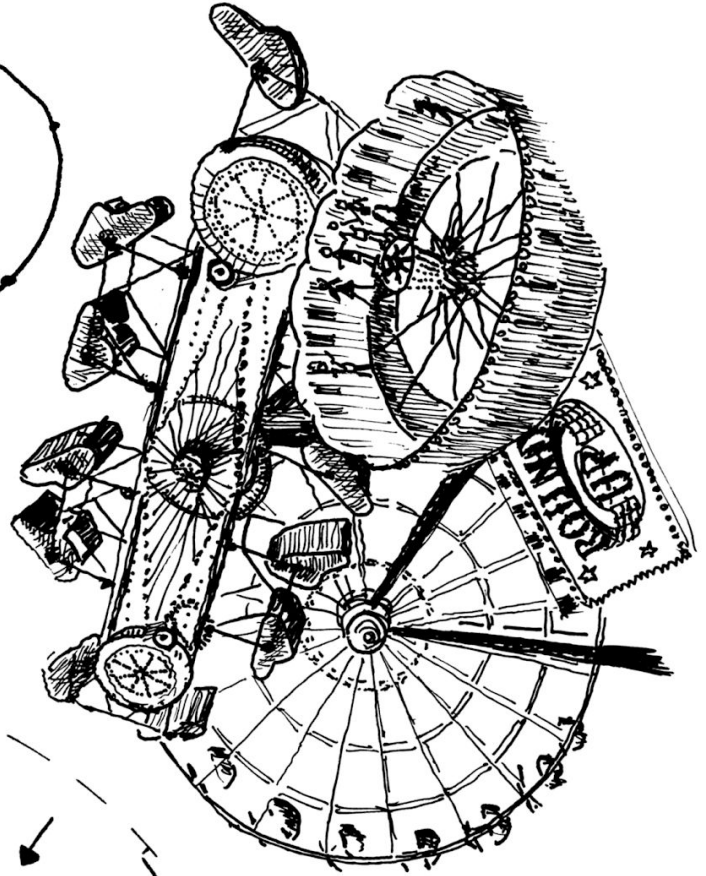
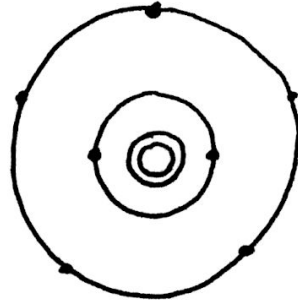
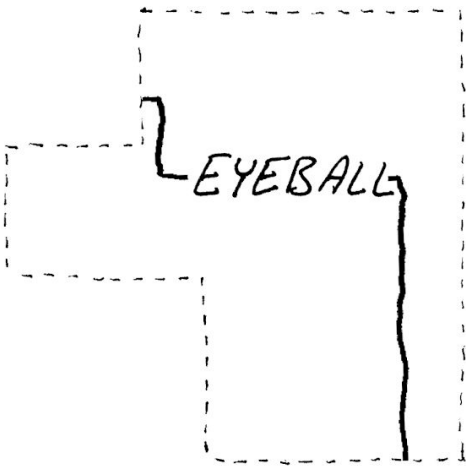
# Bends In Reality



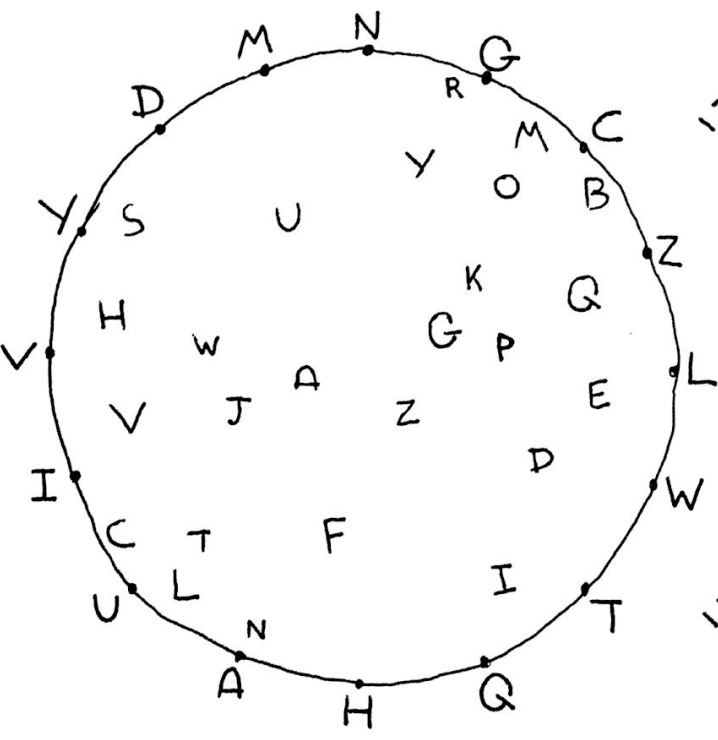
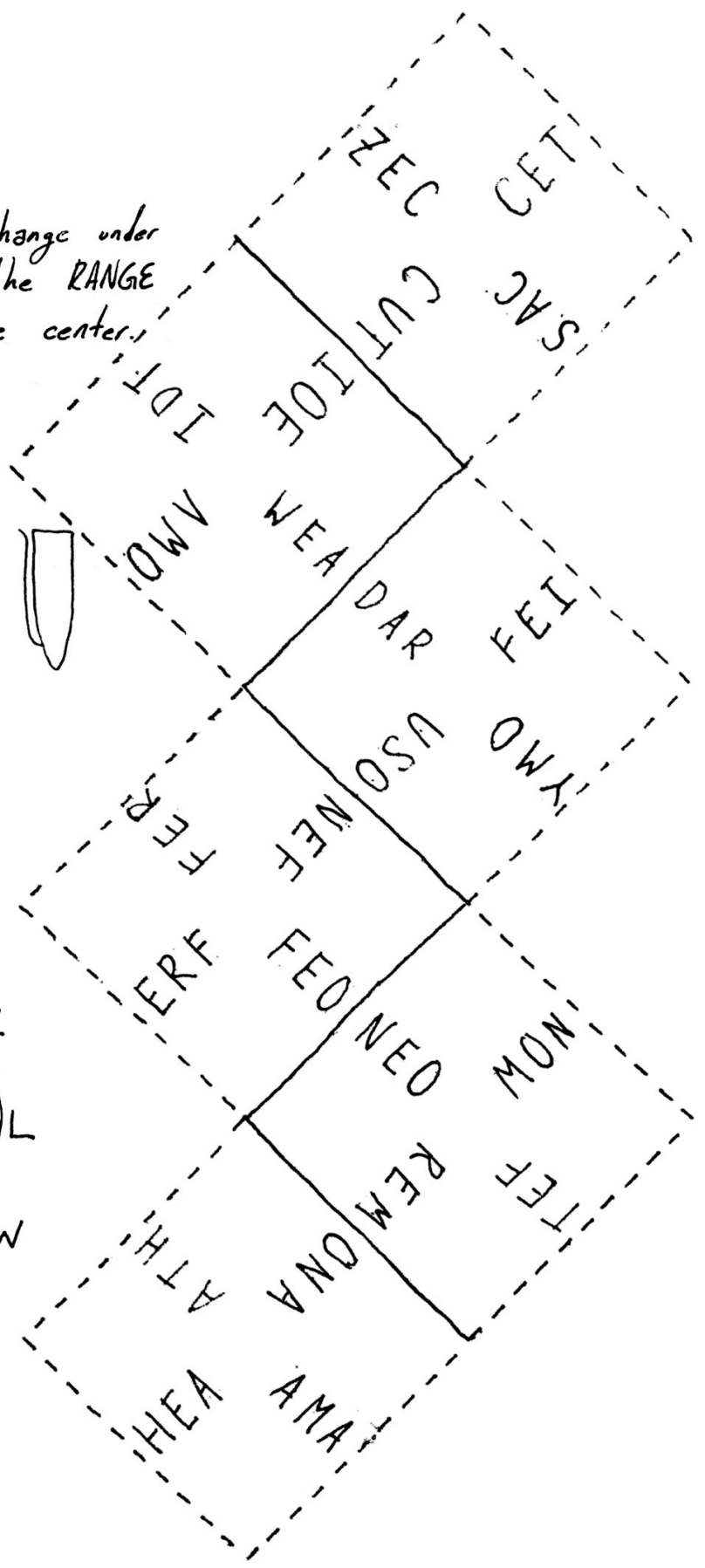
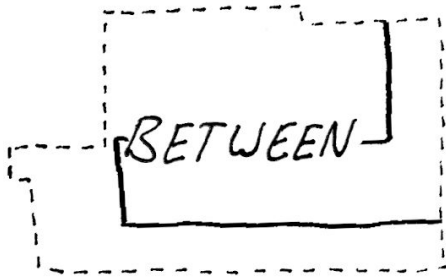
## Prophecy

- Never revisit anywhere you've been.
- The number must always match, but not necessarily the orientation

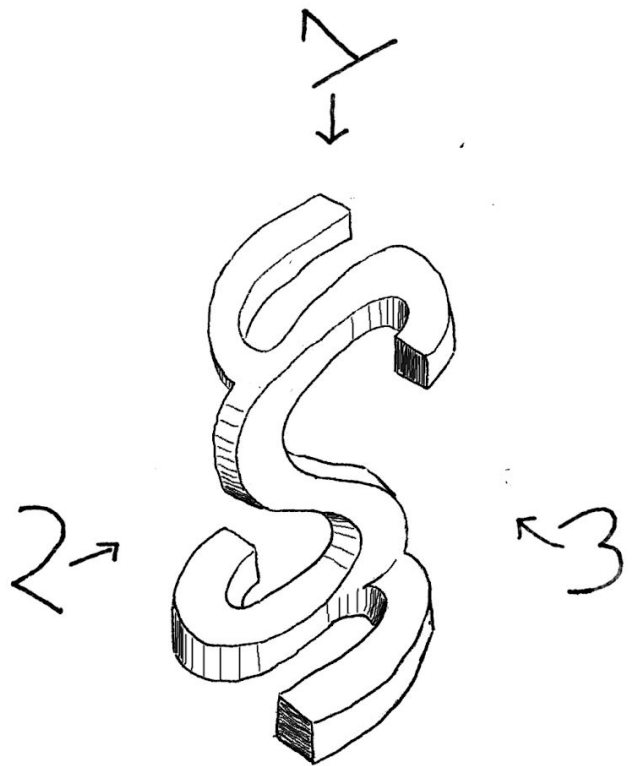
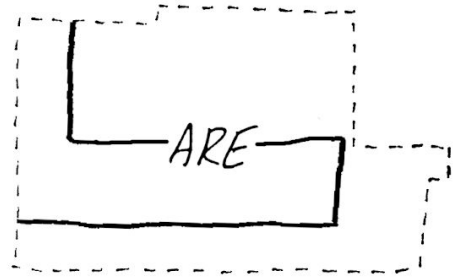
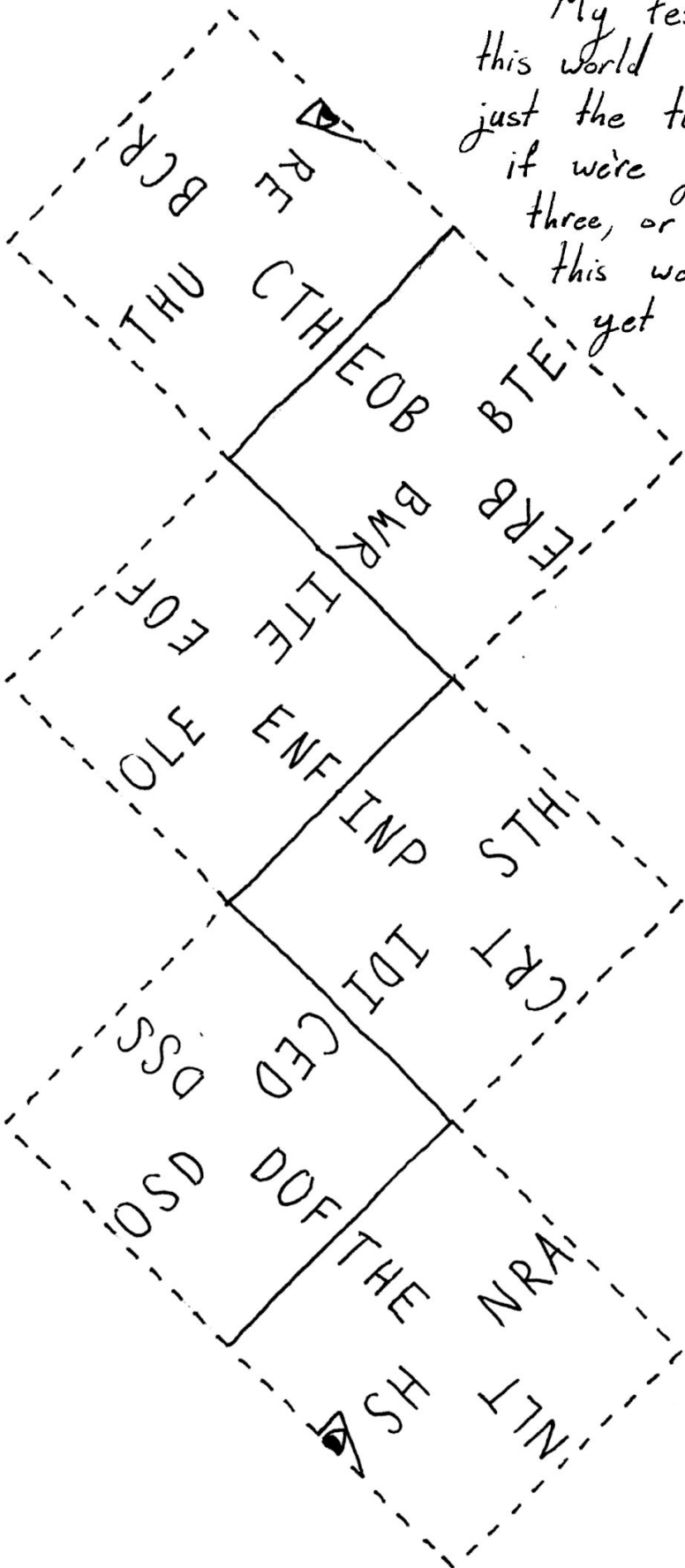
# Inner Circles



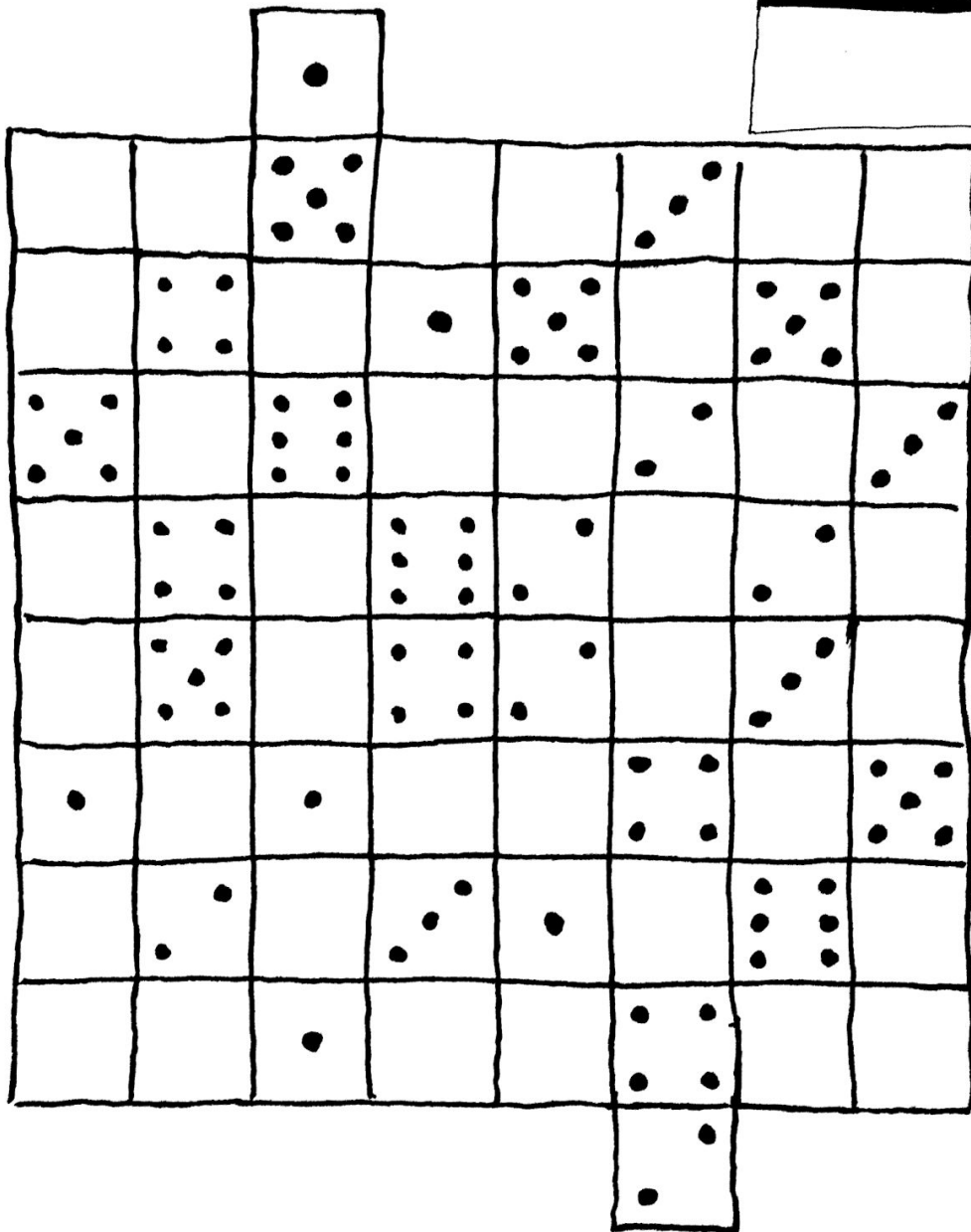
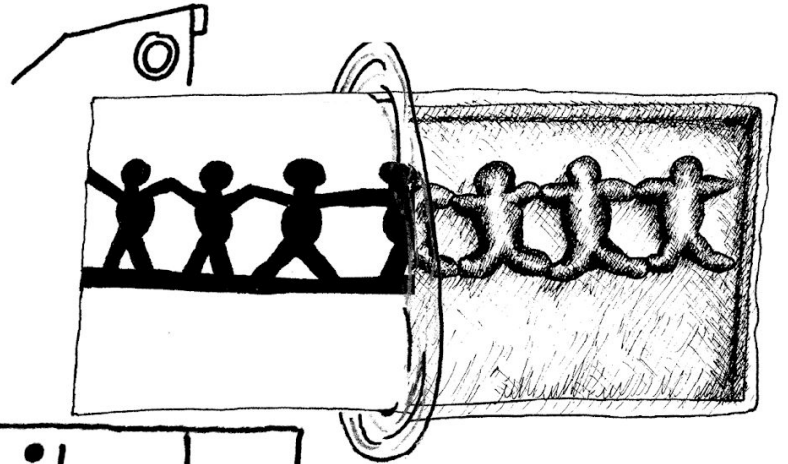
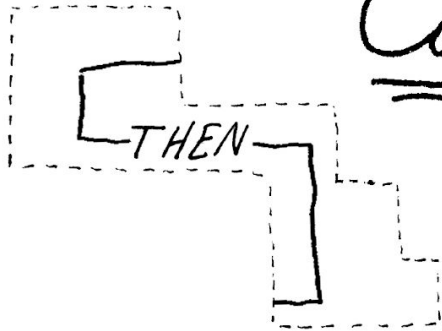
The only shapes that do not change under rotation are a circle, a disc, or the RANGE between two circles with the same center.



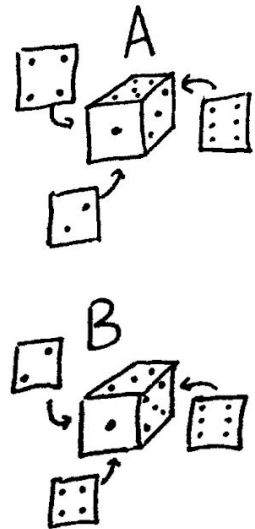
My tests are beginning to show that this world may in fact consist of more than just the two dimensions we know. It's as if we're just a slice of a world that has three, or possibly even more, dimensions! What this would mean for all of us, I'm not yet totally sure...



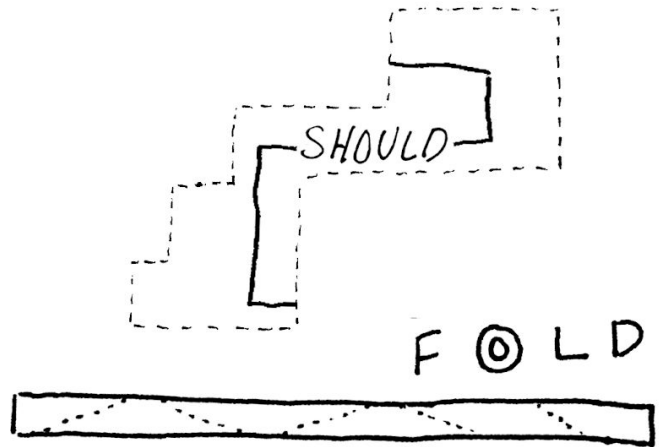
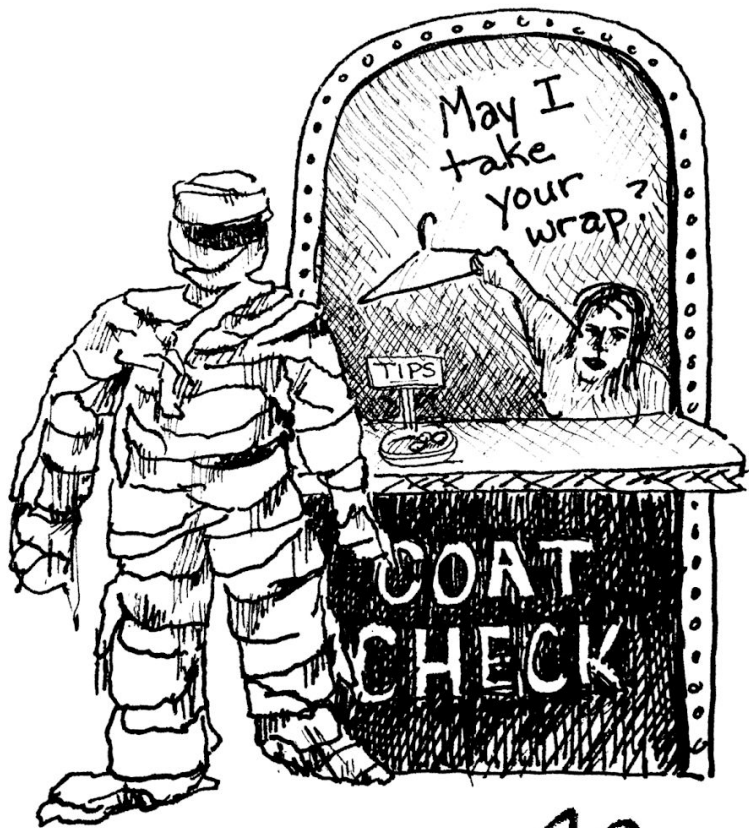
# Length, Width And Depth!?



**YIN**



If the relic matches A,  
use the number on top,  
and if B, use the bottom



# Mummies

Recently, a huge mysterious cube was discovered in an ancient temple. It seems the floor of the temple is divided into squares cut out of marble. There are also dots carved in the center of faces on the cube, matching inscriptions on about half of all the temple's squares. There is a prophecy about pushing it out of the temple, with strict rules.

**Symbols:** The ancient nation of Ekwa had a numeral system. Evidence exists that suggests the Ekwatians had the same ten digits as us. Also, Ekwatians knew about addition, subtraction, division and multiplication, and understood not to start numbers with a zero.



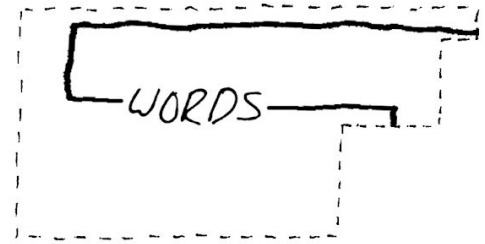
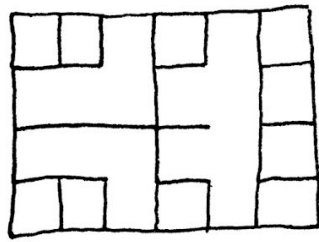
These are dots, not points!  
 Dots are 2D - so they have area  
 Points are 0D - so they're much AIRIER  
 Ha!

z. i s v w g.  
 k j  
 e m t a .x  
 y f i  
 r d b h n c p  
 o j u

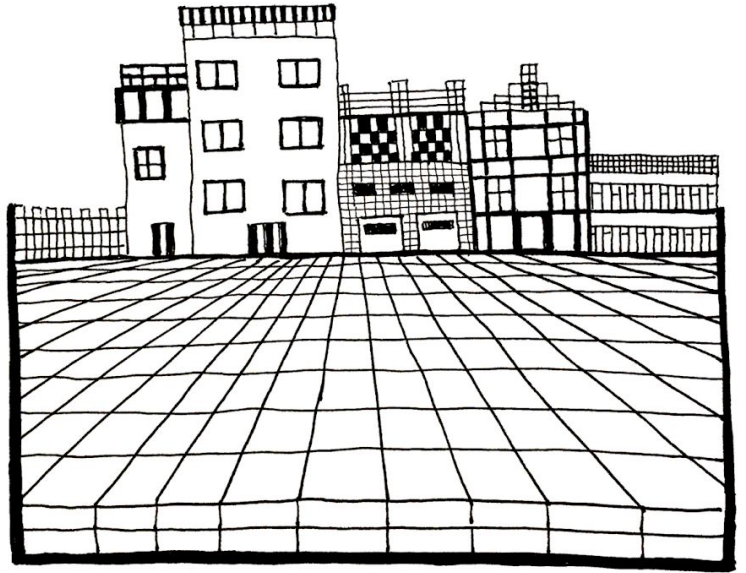
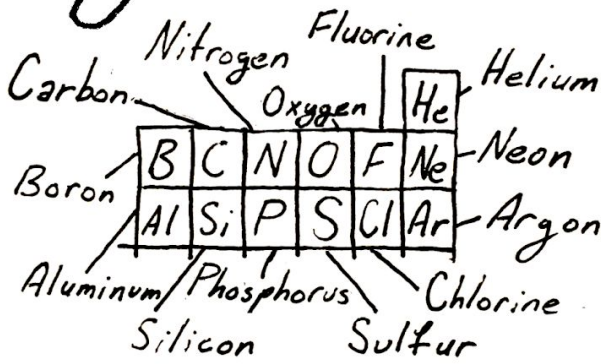


16

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
E	D	T	C	P	3	T	B	W	Z	W	A	Z
P	O	G	K	R	<	N	E	P	R	E	L	A
W	E	S	H	Y	W	P	E	G	A	L	A	R
T	A	A	E	C	O	S	T	S	Y	E	T	S
A	N	L	T	M	S	T	C	C	D	O	N	C
L	H	A	N	D	C	R	N	E	O	A	H	T
	V	R	D		J		A		U	P		
(4)				(6)					(1)			



# Power Grids

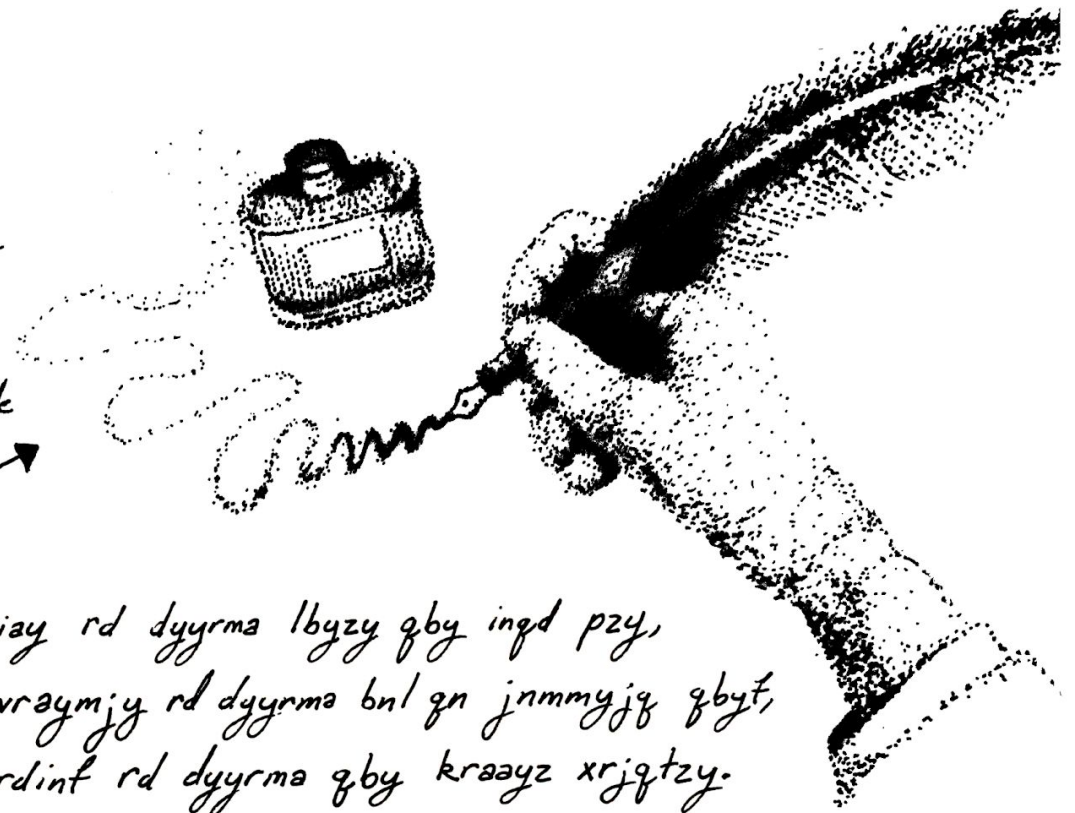


17

⊙	Y	S	T	X	U	P	V	R	W	Q	N	Z
L	T	O	E	E	W	P	N	O	T	A	A	Z
T	P	N	A	F	S	T	H	D	Y	U	F	S
H	S	P	I	E	2	B	G	E	R	O	O	M
R	X	B	R	H	O	O	S	L	N	P	H	I
O	R	P	R	△	R	A	U	E	L	P	A	R
O	T	D	F	C	U	Z	H	T	A	R	R	M
	O	L	O	B	△	T	K	R		D		
	⑤			⑦		②		③				



I'm worried the wrong eyes could end up seeing my notes. I can use invisible ink or cryptograms to try to hide some things.

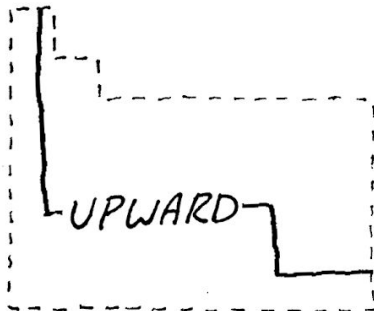


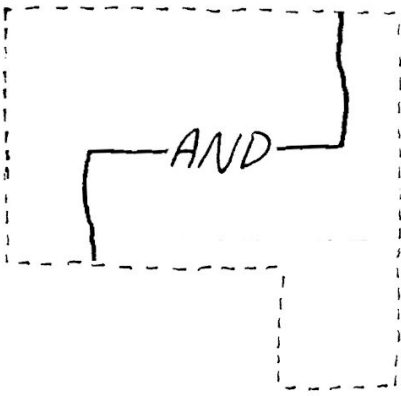
Emnlvyiay rd dyyrma lbyzy qby ingd pzy,  
 rmqyvvraymjy rd dyyrma bnl gn jnmmyjq qbyf,  
 pmi lrdint rd dyyrma qby kraayz xrjqtzy.



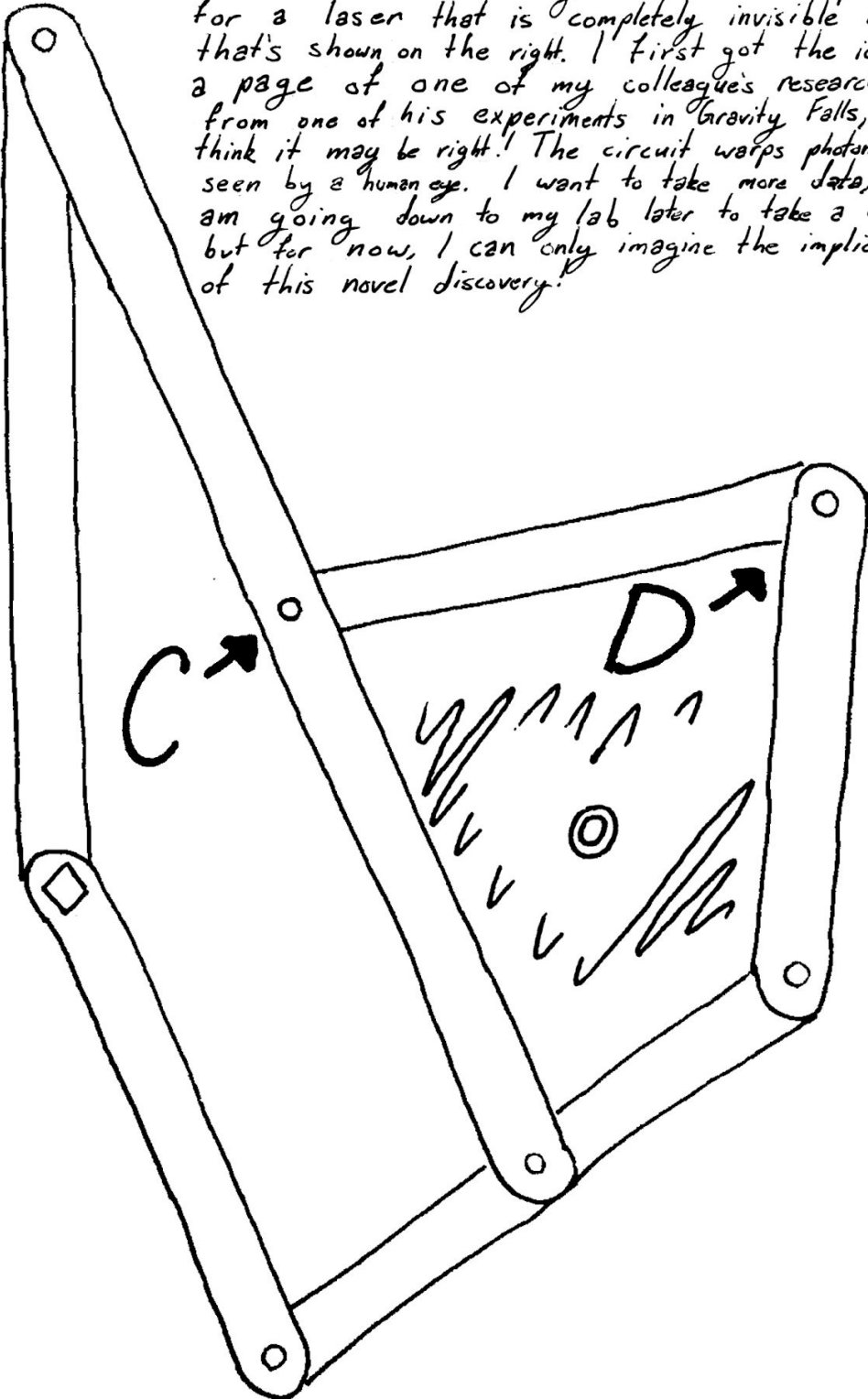
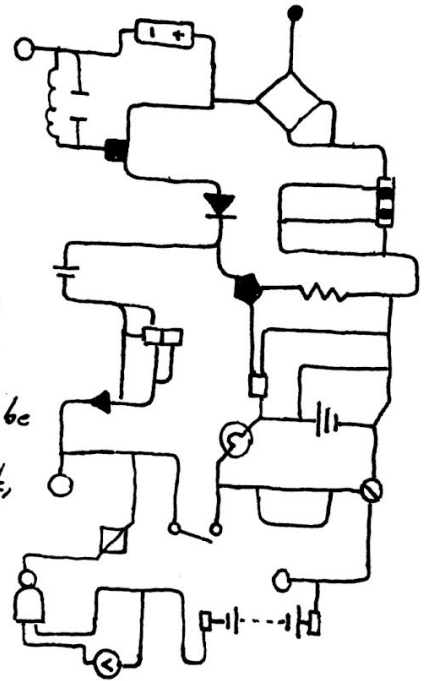
- P — — — — — Ignore the padding to find what lies within.
- C — — — — — Only the meaning is important - the bigger picture.
- G — — — — — Sometimes what's not said is more important than what is.
- W — — — — — Read between the lines to discover what you need.

What's even better than invisible ink? Invisible pens! It's just sometimes difficult to \_\_\_\_\_ to put on them





Oh shoot! I almost forgot! I invented a prototype for a laser that is completely invisible in air, that's shown on the right. I first got the idea from a page of one of my colleague's research papers from one of his experiments in Gravity Falls, and I think it may be right! The circuit warps photons to not be seen by a human eye. I want to take more data, so I am going down to my lab later to take a closer look, but for now, I can only imagine the implications of this novel discovery.



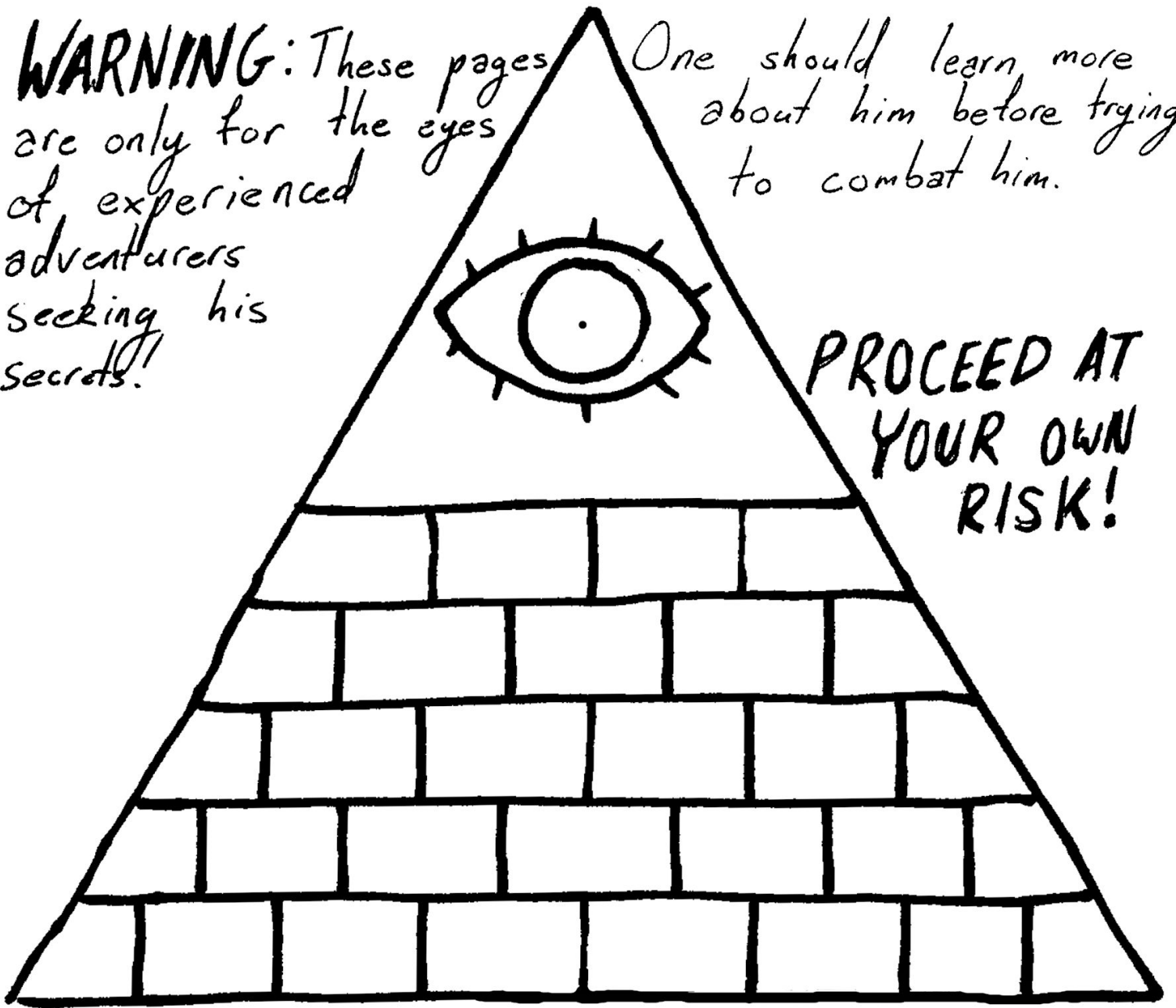
**R-V-V-V**

ible link



**WARNING:** These pages are only for the eyes of experienced adventurers seeking his secrets!

One should learn more about him before trying to combat him.



**PROCEED AT  
YOUR OWN  
RISK!**

**WHAT IS BILL'S  
EVIL PLAN?**

Property of Stanford PInes

Journal of my HUNT 4  
P I  
aranormal I nformation