



introduction

2014 AQUARIUM PUZZLE HUNT

welcome freshmen!

This is a puzzle hunt that will take place while you are at the aquarium.

We recommend working in teams of 5-8 people, but there is no limit (orientation groups are fine too). There is a prize for the first team to solve all puzzles.

Your team will need 1 phone that is capable of sending texts. Always use the same phone.

To begin, **text your team name to 267-800-2018**

If you need help/have questions, find any of the staff members wearing a **bandana**.

Dear fellow travelers,

If you're reading this, then you've stumbled upon my most prized possession - the travel log that I kept during my four years at MIT. It was a simpler time back then. We didn't have the flying cars, or the robot cats, or the color televisions that I'm sure you all have today. What we did have back then was a sense of adventure. I don't mean those "video sports" or "melee brothers" or whatever - I mean *real* adventure. Adventure was what MIT life was all about back then.

Those were the days, full of wonder and excitement! We explored the world and found love and stayed up much too late, studying and talking and enjoying everything that life had to offer. Day after day, year after year, we grew and learned and lived with one another, until one day we finally found the True and Verified Secret to Happiness. Are you skeptical, dear reader? I myself disbelieved it, but gradually I came to understand the meaning of what we found. And once we understood the True and Verified Secret to Happiness, we kept it safe, buried on the Inconspicuously Hydrophobic Tastefully Furnished Paradise Archipelago.

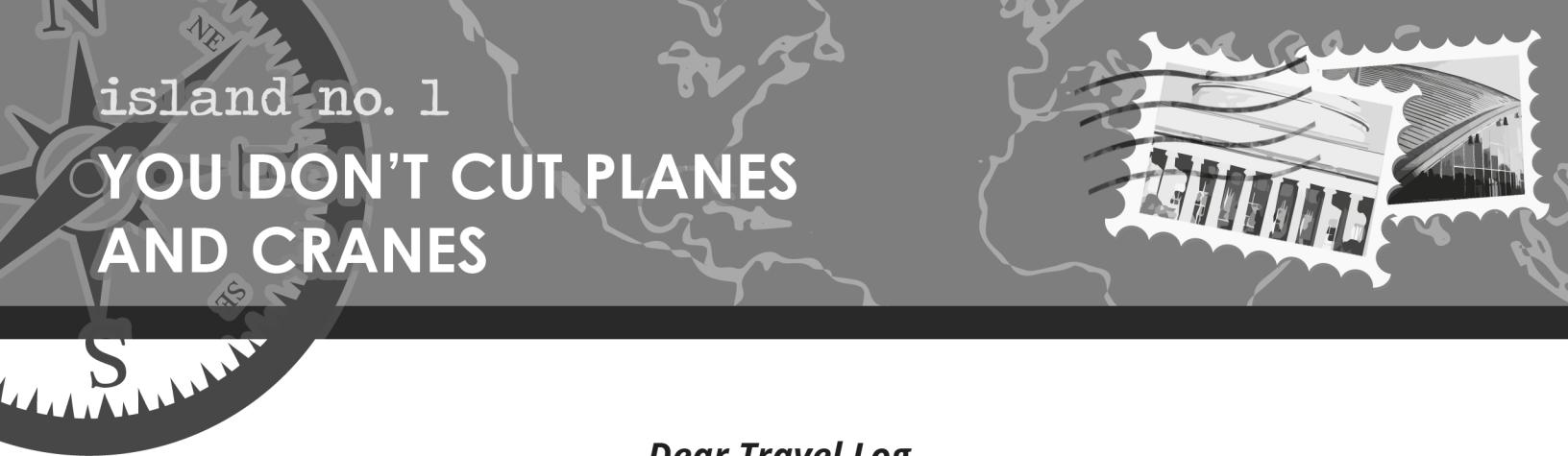
My travel log documents my visits to each of the archipelago's 9 islands. Your quest is to visit each island and bottle its essence [solution to the puzzle]. My travel log contains a map, but Slinky (my pet cobra) seems to have shredded it into a few pieces. My sherpa friends (who are all sporting incredibly fashionable bandanas) each have found one piece, but unfortunately they're forgetful and can't seem to remember how to access them. Once you've completed the map, the True and Verified Secret to Happiness will be within reach.

Dearest travelers, I know you might be new to the art of puzzle-solving, but I have the utmost confidence that you will succeed in uncovering the True and Verified Secret to Happiness. My only fear is that many worthy travelers will answer my call for adventure, but only the first to unlock the mysteries will be rewarded. I bid you good luck and safe travels!

The 9 puzzles plus one meta puzzle are scattered throughout the aquarium. Good Luck!

To submit an answer, send a text to 267-800-2018 (our radio tower) with the format [puzzle number] [your solution].

E.g. if the answer for puzzle 6 was trebuchet, you would text **6 trebuchet**.

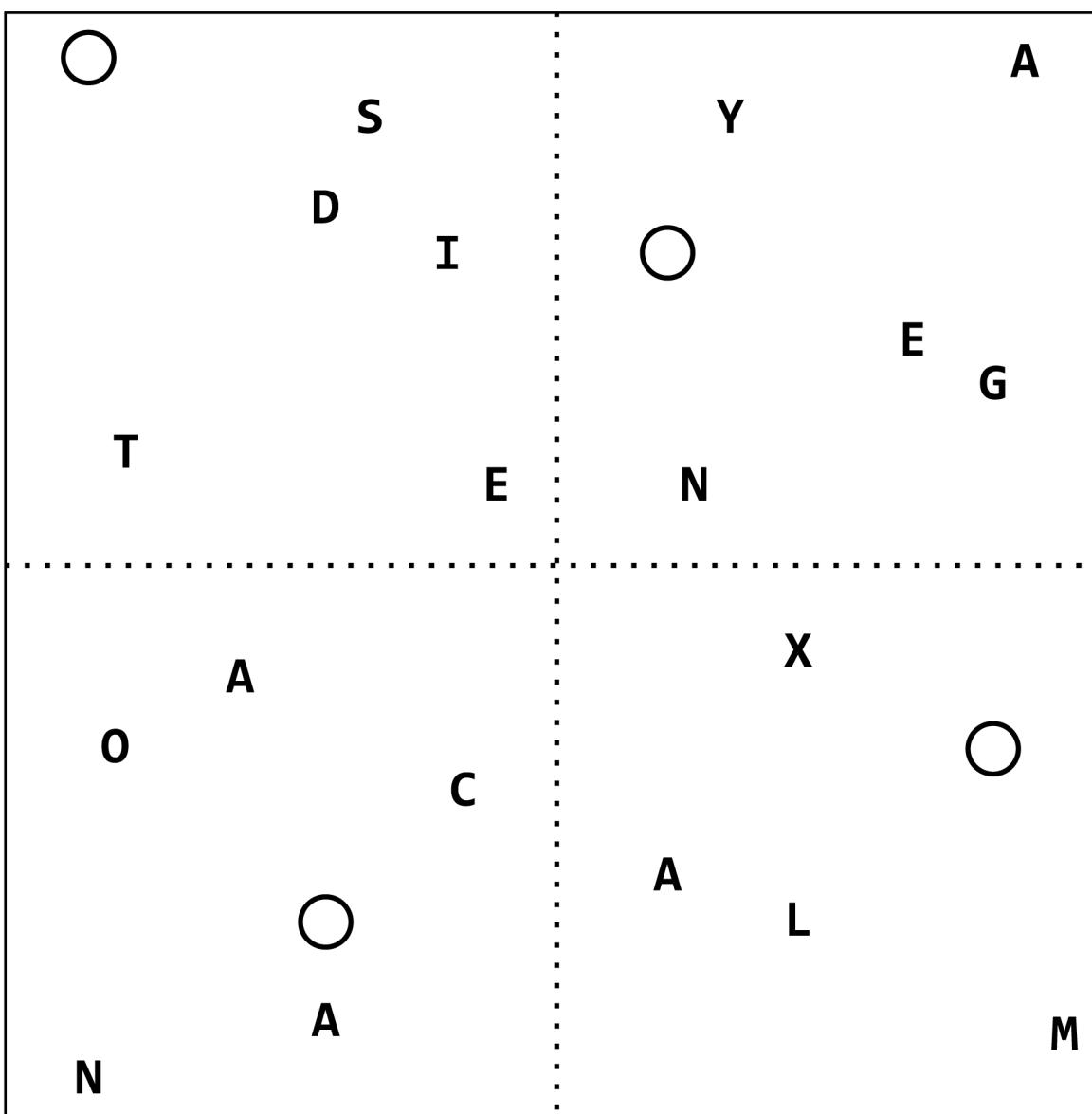


island no. 1

YOU DON'T CUT PLANES AND CRANES

Dear Travel Log,

The banana leaves on this islands are full of holes! The sunlight streaming through them is making interesting patterns on the ground...





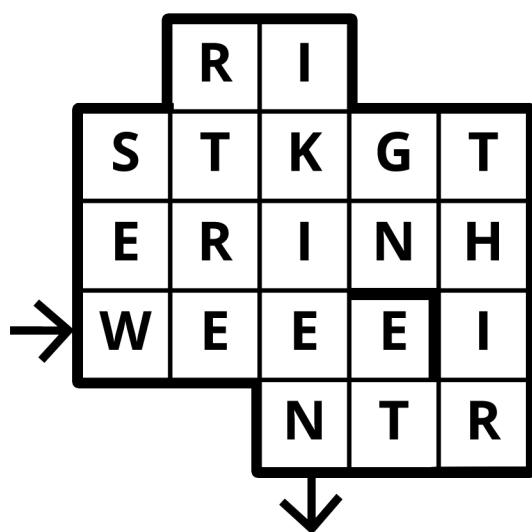
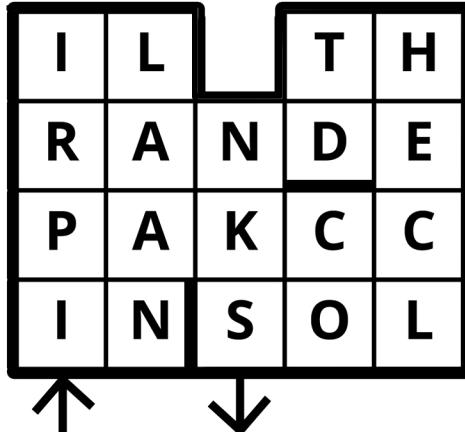
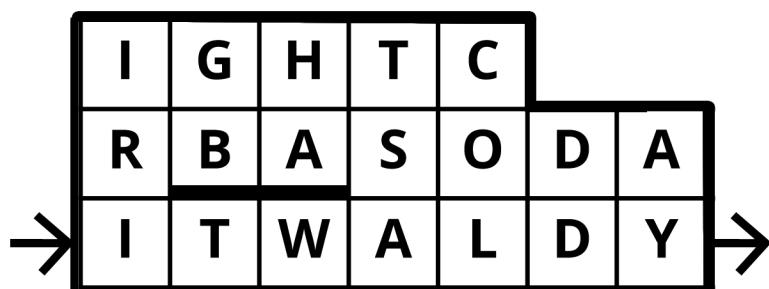
island no. 2

NO LETTER LEFT BEHIND



Dear Travel Log,

The banana leaves on this island are shaped rather strangely, and the government has allowed the islanders to write upon them. They appear to have quite the literary culture.

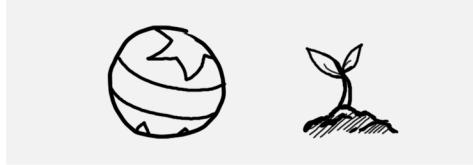
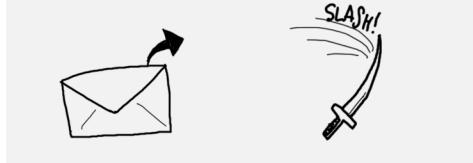
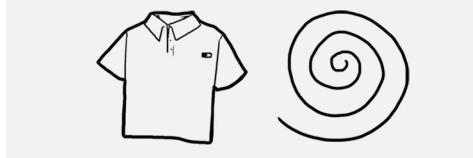
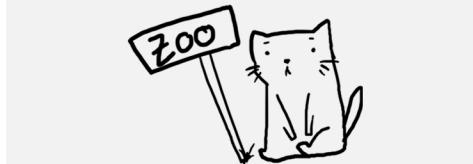
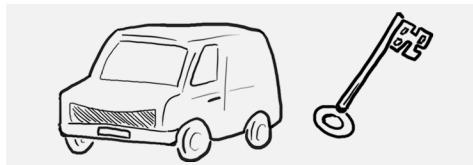
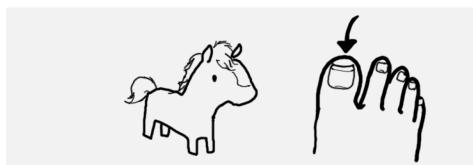




island no. 3

DARWIN'S WINCHÉS

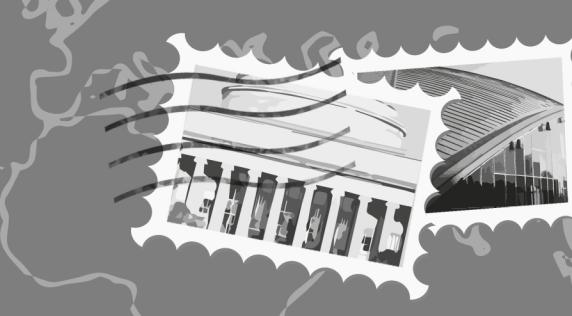
*Dear Travel Log,
This eye land is ramp ant with stir range Japanese critters.
They're eating all the banana sieves- I mean leaves.*





island no. 4

BOOKENDS



Dear Travel Log,

So, it seems I only have four years to read all the books on this island. Funnily enough, they're all made of banana leaves.

— R U D I T —
— S T H M —
— A B E —
— O I L E —

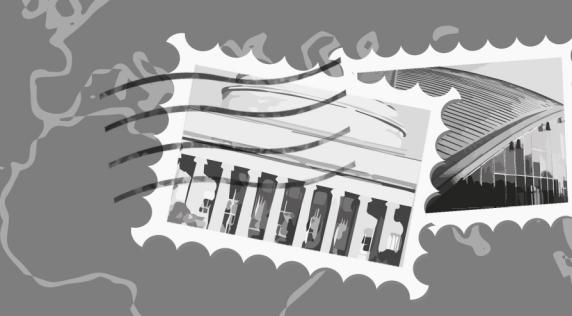
— L L U M I N A T —
— V E R D —
— C O W L —

— — — — —



island no. 5

GRAVITY DEFY YOU



*Dear Travel Log,
In Soviet Russia, banana leaves you!
Also, solution is greenwich.*

I'm flying high defying angularity...

$$u_s = msh$$

I'm flying high defying angularity...

$$a_c = \frac{mv^2}{u}$$

*Why can't you understand?
You're having delusions of identity...*

$$m^{\pi i} + 1 = 0$$

I'm through accepting limits 'cause Euler says they're so...

$$\lim_{x \rightarrow \infty} (1 + \frac{1}{x})^x = m$$

I'll think I'll try defying ideality...

$$PV = eRT$$

Too long I've been afraid of losing momentum I guess I've lost...

$$L = IR$$

Well if that's imagination, it comes at much too high a cost!

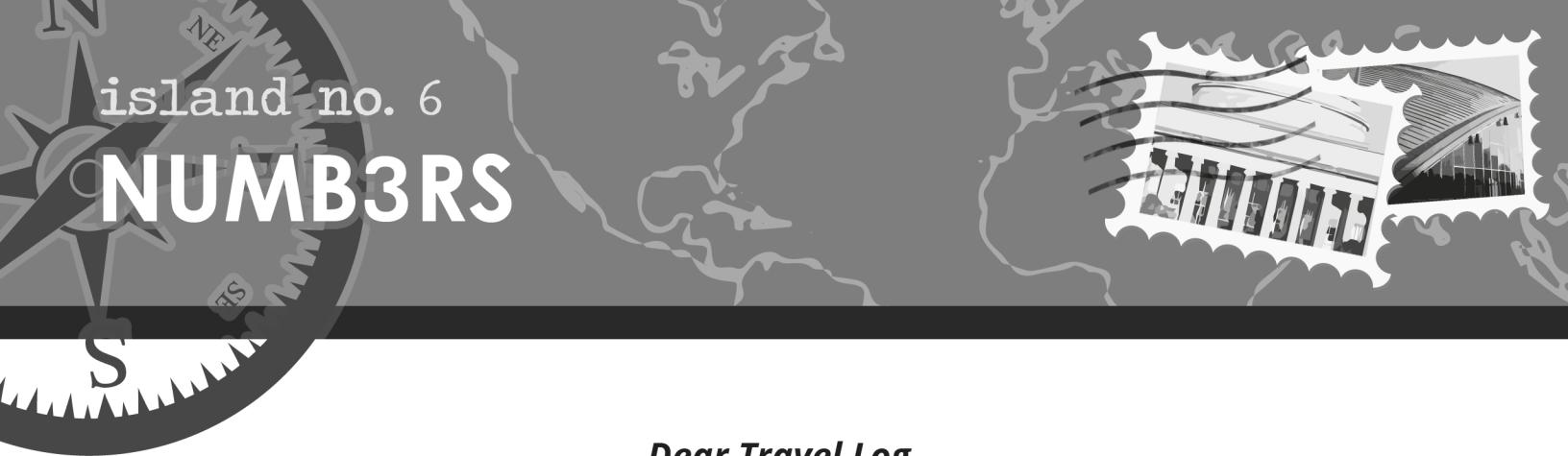
$$\sqrt{-1} = d$$

I'd sooner buy defying relativity...

$$E = ma^2$$

Kiss me goodbye, I'm defying uncertainty!

$$\Delta x \Delta p_x \geq \frac{y}{4\pi}$$



island no. 6

NUMB3RS

Dear Travel Log,

*One fine day on this island, I encountered two banana leaves.
Three minutes later, four boars came charging at me. I think I
want to leave this place soon.*

(3) CATCH

WHAMMY (5)

(4) BAKERS

(3) HIGH

(3) HUNG, DRAWN AND

MINUTES OF FAME (4)

HIT WONDER (1)

CORNERS OF THE EARTH (4)

YEAR ITCH (1)



island no. 7

ELEMENTARY



Dear Travel Log,

The residents of this island carry themselves in a very regal way and give off this air of nobility. One could make a very stable life here farming banana leaves.

i	e	s	r	u	n	b	a
H	N	A	V	E	R	O	G
C	O	S	V	A	H	M	A
X	B	L	R	X	P	O	S
N	L	K	P	J	E	D	E
R	E	O	H	S	Q	A	S
K	G	F	S	L	T	K	O
P	A	Z	T	R	O	Y	W
A	S	A	B	I	T	G	U
L	E	E	C	H	B	N	V
F	S	D	S	S	V	M	E



island no. 8

MAKE A WISH FOUNDATION



Dear Travel Log,

This island is inhabited by solemn beings who look like they live in some fantasy. They have some strange aspirations.

The banana leaf fumes must be getting to them.

"Book gurls are so hawt. Also eggs are tasty."

— — — — —
8

"I want a genie in a bottle."

— — — — —
4

"Can I Amazon Prime my new coat made of puppies?"

— — — — — — — —
7

"I wish to be Seaking (or have a singing voice)."

— — — — — — —
1

"I'm sick of being God of the Underworld."

— — — — —
6

"All I want is my hand back."

— — — — — — — — —
5

"Why wasn't I invited to the party?"

— — — — — — — —
2

"Oh I just can't wait to be king."

— — — —
3

"I want to be ruler. Also, get a new groovy sidekick."

— — — — —
9



island no. 9

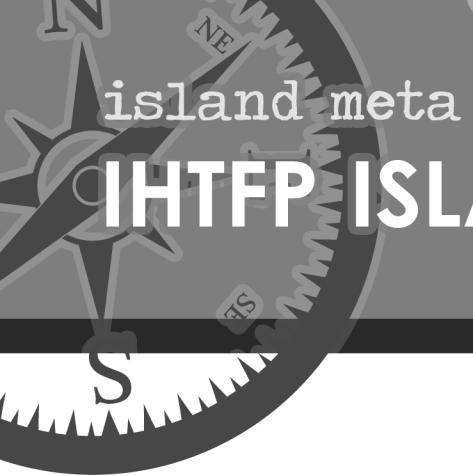
PERMUTATIONS

*Dear Travel Log,
Multiplications, Permutations, Inversions, oh my!
Is the inverse of a banana leaf still a banana leaf?*



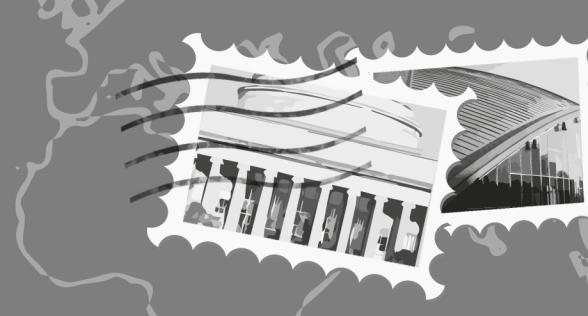
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island meta

IHTFP ISLANDS



This is the meta puzzle for the aquarium puzzle hunt. You will be able to solve it once you have solved all (or most) of the other puzzles...

It's a long journey from where dorm row ends to Frank Gehry's brushed aluminum, brightly orange-colored, corrugated metal masterpiece.

Soar like a phoenix from this ashen graduate dorm down to MIT's newest undergrad dorm

You are waiting at a station, for a train that will take you far away. You know where you hope this train will take you... to your MIT Orientation kickoff!

Here on public display are MIT's newest, most innovative technologies (and a short walk from some of the best ice cream), but let's take a stroll down memory lane, to MIT's oldest dorm.

1 2 3

R			
W			
B			