



# Coordinates for Chubs

## 🔗 NASA, v1.21.5

Hello reader. In Chub's lab, we have set up the teleporter to accept exactly one location to which you can teleport. This location is where the portal to Elenia is. If you type in the wrong location, it simply won't work.

In this document, we have encoded the coordinates of this location. Once you have discovered the location, you will plug the name into the teleporter and be warped there immediately. This is highly confidential, top-secret information, so we have encoded it into a puzzle. I will tell you that the coordinates for the correct location are

$$(42.abc32148837749, -71.xyz45529013131).$$

I leave it to you to figure out  $abc$  and  $xyz$ , which denote two, three-digit numbers. Being a puzzle about coordinates, we need you to go to a 3D world like our own<sup>1</sup>, but anything below  $y = -128$  dies.

### 🧱 1 Finding $xyz$

I've planted a seed for you in your office through the colors of the books on your wall. Reading left to right, top to bottom, recording the first letter of each color will give you a seed of your own, one that will take you to the world where my puzzle continues. Go there, and go to  $(0, 100, 0)$ , look in the direction 111 and move until you run into a tower. The material at the zenith of this tower has an associated ID, and is exactly  $xz(y + 1)$ .

### 🧱 2 Finding $abc$

Return to  $(0, 100, 0)$ , but now look toward  $-120$  and move until you run until you see civilization. There is a tree out of place here. Find it, and dig down at the root. You'll run into one of our labs. Look for the room with snow, and let  $P$  denote the coordinates of the block with a rotating monster within this room. The sum of the coordinates of  $P$  added with the sum of the client major, minor, and patch, added with the sum of the digits of the year you were born, is  $abc$ .

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<sup>1</sup>The proper client version is on this paper.