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The Laws of Mathemalchemy: For Beginners

My major is criminal justice for undergrad before I start law school. As I was wondering how I could incorporate criminal justice I remembered the three components of the major which are law enforcement, the courts system, and the corrections system. So naturally, I decided to focus my Mathemalchemy project around the courts system since my dream job is a either a human rights or civil rights attorney. With wanting to be a lawyer that would make my expertise helping others and as we know, Emmy is not the first mathematician to appear into the Land of Mathemalchemy. All of us in this classroom have taken the quick trip upstairs to Mathemalchemy and now that we have reached the end of the semester and have learned Mathemalchemy inside and out I think something that could made our travel a little easier is knowing some of the laws of Mathemalchemy before entering the real land and I have composed a list of laws and reasonings using my expertise of helping others to help and protect those mathematicians that find themselves in the Land of Mathemalchemy.

Law one: Do NOT play the high c musical note during the mathemagical spell unless you are thoroughly prepared. This quite self-explanatory since the entirety of the comic book is spent with Emmy desperately trying to come back to the natural world and be reunite with her mother.

Law two: it is impossible to untie yourself out of a knot, you must cut/chew yourself out. I am not sure if the spawning point for all of those who enter Mathemalchemy is the same, but when Emmy entered, she fell into a trefoil knot in the ocean and was unable to be tied because knots have “no loose ends” and Emmy was forced to chew herself out, but also left the Pelican’s furious with her because they couldn’t study the new species she had made.

Law three: money and the trade of mathematical figures like the Johnson solids will suffice as payment. As a rookie Emmy thought that money could buy her way home, but she didn’t have any, until she was told by the octopus that a simple trade of a Johnson solid will do.

Law four: you may only take one Johnson solid at a time from the Knotical Bay. This law goes hand in hand with rule three. Emmy was amazed by all the Johnson solids so much that she wanted to take all of them but that is not allowed because it would be very bad for the health of the Knotical Bay’s ecosystem. So, to protect the ecosystem in case no one is around for a future traveler, this would be a very beneficial law for those who live in Mathemalchemy

Law five: Engage in the squirrel’s tradition of the sieving of primes. The squirrels were overly ecstatic to see Emmy, a mathematician, and would not let her leave but luckily, she was smart enough into tricking the squirrels to do all the work for her. It would be helpful for future travelers to know this is something they’re getting themselves into to prepare to trick the squirrels or to impress them with their mathematical sieving skills.

Law six: Zeno’s path is never-ending as it is a mobius band! Much like the story of Wind and Mr. Ug, Tess walks the same path every day and always finds herself at the same spot because it is a never-ending loop, like a mobius band. This would be helpful for travelers, so they don’t spend forever walking this infinite path that never ends and never get home.

Law seven: To return to the natural world, imagine the walls built between science and story, and then imagine them crumbling. This would be very helpful for those like Emmy who unexpectedly ended up in the Land of Mathemalchemy and just miss their mom. This would also be helpful for those who live Mathemalchemy because they would not repeatedly have to tell mathematicians how to go back home.

I believe this enhancement would be very helpful to those in Mathemalchemy because if they are anything like me, they hate to repeat themselves. This would save both sides a lot of time so those mathematicians like Emmy who accidentally spawn themselves into Mathemalchemy can easily get home and those who want to explore will now know the basics. I hope the new laws of Mathemalchemy will keep the mathematicians visiting, the citizens of Mathemalchemy, and their ecosystem safe!