

I wanted to try to simplify How to read AND use the factual theory into this condensed doc of information so here it is!

First off, line reading and strings:

You may notice some people talking about “3 liners” or “4 liners.” That just means that the relic has 3 substats (3 liner) or 4 substats (4 liner). You can also say 2 liner if the relic has 2 substats. A string looks like 5 x’s like this xxxxx. When we show a number in that string, then that number signifies the Substat that has been upgraded. For example, 4xxxx, we see that there’s a 4, that 4 means that the 4th substat in a Relic was upgraded. And you can continue this by writing out 43123 for example. ALSO! Since there are only 4 Substats on a relic, we ONLY go up to 4 and then we reset to 1 in the counting. We never see 5+ liner relics in the string like this “52312” there is no 5th substat to upgrade so this string doesn’t make sense.

We write 4xxx and then the 5th x to keep track of the next string (if we continued after that first string.) It’s like a 4 + 1 problem, where the 4 is the first string and then the 1 is the start of the next string (which you can continue to track from there.)

Example: If you got 4xxx4 then the next one starts with 4xxxx or another example, if you get 4xxx3 then the next one will start with 3xxxx.

**Note on string reading:** You don’t HAVE to input the 5th x in the string. You could break it up and do xxxx xxxx for example if you did consecutive strings. The same applies for if you did less than 4 rolls in the string. All you do is just mark down the 3 stats (xxx) or 2 stats (xx) if you only did that many rolls in the string (you’d never do just one substat upgrade in a string because that would be your “force start” on a string, more on that later.) There is no need to add a 0 to the string if you didn’t do that role. I just wanted to explain in more detail how strings are structured when I was talking about the 5th x because a string resetting after the 4th x is VERY important to have in mind.

ALSO! YOU DON’T HAVE TO ADD THE 5th X IF YOU DIDN’T CONTINUE TO THE NEXT STRING AFTER THE FIRST 4! I just wanted to explain what’s going on with that for future reference.

Next, “**Forcing**” a string:

There are two ways to “Force” a string.

1. You upgrade a 1 liner (1 liners are found only in blue relics from what I’ve seen.) to 2 substat to get 2xxxx string, 2 liner to 3 substats to get a 3xxxx string, Or you upgrade a 3 liner to a 4 substat relic to get a 4xxxx.
2. You close the relic menu and that will reset the string and then it’ll start the next string based on whatever substat you get next after reopening the relic menu. Which you can then refer to the force upgrade to get your 3xxxx or 4xxxx.

More on strings and patterns:

THE PATTERN does not change on whether your string started with 2xxxx or 4xxxx for example. It stays on the same up and down pattern of change for that day. Here is an example of what I mean.

Let's say that this day is Monday, and from the data we collected, we gathered that the pattern is "Beginning number + 1 + 0 + 0." Then that means that this is applicable for any of the starts you get for that day, see below.

1st Line Start | 2nd Line Start | 3rd Line Start | 4th Line Start  
1222x      2333x      3444x      4111x

Let me explain what I'm trying to say here.

The "1st Line Start" literally means the 1xxxx string in this example. In the string we have the common pattern of going up to 1222, like I stated before the example. In this one we have "Beginning number ((which is 1) and then we follow the pattern) + 1 (so now it's 2) + 0 (we stay at 2) + 0 (we stay at 2.)"

The x at the end is signifying the random next string start. But notice how the pattern is the same for all 4 of the strings starts? That's what I mean by it doesn't matter what string you start with, the pattern will be the same. THE ONLY difference is the substat that'll get upgraded.

**Important side note** about the starting number. It **REALLY** matters which number begins a string so that you can follow the correct number for the **substat** you **want upgraded**.

For example if you start with 3xxxx, then you'll refer to the 3xxxx starting patterns from the data and let's say for example that the 3xxxx pattern can go either 33xxx or 34xxx. With this information you should look for a relic of your preference that has either the 3rd or 4th (or both!) substat you want upgraded and then you roll that relic.

So to continue on the example, let's say you rolled on your preferred relic and the 4th substat was rolled, now you know that you are on the 34xxx pattern. Then you look at the next line's probabilities which could be 343xx or 342xx. With that knowledge just repeat the step before until you've rolled 4 times. The next roll you do after the 4th one will be a reset on the string and you'd follow that numbers pattern for the day.

A **VERY** important note on the **patterns**! ONLY for the first 1 or 2 strings is the pattern going to be correct. After string 3, you start getting more inconsistent strings. And so you have to break it if you want to be more consistent when following the pattern for the day.

Side notes:

It does not matter what relic you level up after you begin a string **AS LONG as the relic already has 4 SUBSTATS on it**. If you don't follow this then you'll be forcing a reset in your string.

ALSO the day matters. The pattern changes based on the day of the week. Currently, Saturday is the best day to do relic upgrading as of version 2.0 because that's when we get the most data from more people being able to play and we can track more data easily. These are what we call "best days," and can change from patch to patch depending on what days we are getting the most people upgrading and recording their relic rolls. The reason why they change from patch to patch is because the patterns get mixed every patch.

This process is LONG TERM, don't expect results immediately. **Be patient**. This is NOT 100% and you may get unlucky and may not be able to follow the strings from being unlucky.

This very reason may be because your UID was randomly targeted for the day so the patterns don't work. For example Think of it as a small batch box that certain UIDs get sent to EACH time a NEW DAY starts. While everyone gets sent to the common box of UIDs, you may have gotten sent to some random far off box unluckily.

But in the long run it should work and you should be able to slowly build up your account if you follow the steps!