your eyes! To be fair, she had just finished warning you about ghosts a few

One of the camel's pouches is labeled "maps" - sure enough, it's full of describe some kind of network of labeled nodes.

It seems like you're meant to use the left/right instructions to navigate the network. Perhaps if you have the camel follow the same instructions,

This format defines each node of the network individually. For example:

Starting with AAA, you need to look up the next element based on the next left/right instruction in your input. In this example, start with AAA and go right (R) by choosing the right element of AAA, CCC. Then, L means to choose the left element of CCC, ZZZ. By following the left/right instructions, you reach ZZZ in 2 steps.

situation that takes 6 steps to reach ZZZ:

```
LLR
```

Starting at AAA, follow the left/right instructions. How many steps are required to reach ZZZ?

The first half of this puzzle is complete! It provides one gold star: *

```
--- Part Two ---
```

left your starting position. It's going to take significantly more steps to

What if the map isn't for people - what if the map is for ghosts? Are ghosts even bound by the laws of spacetime? Only one way to find out.

ending in \mathbb{Z} ! If you were a ghost, you'd probably just start at every node that ends with \mathbb{A} and follow all of the paths at the same time until they all simultaneously end up at nodes that end with \mathbb{Z} .

```
LR
```

A). As you follow each left/right instruction, use that instruction to simultaneously navigate away from both nodes you're currently on. Repeat this process until all of the nodes you're currently on end with \(\mathbb{Z}\). (If

- Step 1: You choose all of the left paths, leading you to 11B and 22B. Step 2: You choose all of the right paths, leading you to 11Z and 22C.
- Step 3: You choose all of the left paths, leading you to 11B and 22Z.
- Step 4: You choose all of the right paths, leading you to 117 and 22B. Step 5: You choose all of the left paths, leading you to 11B and 22C.
- Step 6: You choose all of the right paths, leading you to 11Z and 22Z.

Simultaneously start on every node that ends with 🗚. How many steps does it take before you're only on nodes that end with Z?

source Python formulas

Answer: [Submit] Although it hasn't changed, you can still get your puzzle input.	
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