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--- Day 1: Not Quite Lisp ---

Santa was hoping for a white Christmas, but his weather machine's "snow" function is powered by stars, and he's fresh out! To save Christmas, he needs you to collect **fifty stars** by December 25th.

Collect stars by helping Santa solve puzzles. Two puzzles will be made available on each day in the Advent calendar; the second puzzle is unlocked when you complete the first. Each puzzle grants **one star**. Good luck!

Here's an easy puzzle to warm you up.

Santa is trying to deliver presents in a large apartment building, but he can't find the right floor - the directions he got are a little confusing. He starts on the ground floor (floor `0`) and then follows the instructions one character at a time.

An opening parenthesis, `(`, means he should go up one floor, and a closing parenthesis, `)`, means he should go down one floor.

The apartment building is very tall, and the basement is very deep; he will never find the top or bottom floors.

For example:

- `((()))` and `()()()` both result in floor `0`.
- `((())` and `((()())` both result in floor `3`.
- `))((((()` also results in floor `3`.
- `(())` and `)))(` both result in floor `-1` (the first basement level).
- `)))` and `((()())` both result in floor `-3`.

To what floor do the instructions take Santa?

Your puzzle answer was `138`.

--- Part Two ---

Now, given the same instructions, find the position of the first character that causes him to enter the basement (floor `-1`). The first character in the instructions has position `1`, the second character has position `2`, and so on.

For example:

- `)` causes him to enter the basement at character position `1`.
- `((()())` causes him to enter the basement at character position `5`.

What is the position of the character that causes Santa to first enter the basement?

Your puzzle answer was `1771`.

Both parts of this puzzle are complete! They provide two gold stars: **

At this point, you should **return to your Advent calendar** and try another puzzle.

If you still want to see it, you can **get your puzzle input**.

You can also **[Share]** this puzzle.