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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 **232**.

--- 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 **1783**.

**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.