Given a string containing just the characters '(' and ')', return *the length of the longest valid (well-formed) parentheses*

*substring*

.

**Example 1:**

Input: s = "(()"  
Output: 2  
Explanation: The longest valid parentheses substring is "()".

**Example 2:**

Input: s = ")()())"  
Output: 4  
Explanation: The longest valid parentheses substring is "()()".

**Example 3:**

Input: s = ""  
Output: 0

**Constraints:**

* 0 <= s.length <= 3 \* 104
* s[i] is '(', or ')'.