**Remove Invalid Parentheses:**

Remove the minimum number of invalid parentheses in order to make the input string valid. Return all possible results.

**Note:** The input string may contain letters other than the parentheses ( and ).

**Example 1:**

**Input:** "()())()"

**Output:** ["()()()", "(())()"]

**Example 2:**

**Input:** "(a)())()"

**Output:** ["(a)()()", "(a())()"]

**Example 3:**

**Input:** ")("

**Output:** [""]