

282. Expression Add Operators

Description

Given a string `num` that contains only digits and an integer `target`, return *all possibilities to insert the binary operators* `'+'`, `'-'`, *and/or* `'*'` *between the digits of* `num` *so that the resultant expression evaluates to the* `target` *value*.

Note that operands in the returned expressions **should not** contain leading zeros.

Example 1:

Input: `num = "123"`, `target = 6`
Output: `["1*2*3","1+2+3"]`
Explanation: Both `"1*2*3"` and `"1+2+3"` evaluate to 6.

Example 2:

Input: `num = "232"`, `target = 8`
Output: `["2*3+2","2+3*2"]`
Explanation: Both `"2*3+2"` and `"2+3*2"` evaluate to 8.

Example 3:

Input: `num = "3456237490"`, `target = 9191`
Output: `[]`
Explanation: There are no expressions that can be created from `"3456237490"` to evaluate to 9191.

Constraints:

- `1 <= num.length <= 10`
- `num` consists of only digits.
- `-231 <= target <= 231 - 1`

