

282. Expression Add Operators

Hint

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:

- $1 \leq \text{num.length} \leq 10$
- num consists of only digits.
- $-2^{31} \leq \text{target} \leq 2^{31} - 1$