

Given a string that contains only digits 0-9 and a target value, return all possibilities to add **binary** operators (not unary) +, -, or * between the digits so they evaluate to the target value.

Example 1:

Input: *num* = "123", *target* = 6

Output: ["1+2+3", "1*2*3"]

Example 2:

Input: *num* = "232", *target* = 8

Output: ["2*3+2", "2+3*2"]

Example 3:

Input: *num* = "105", *target* = 5

Output: ["1*0+5", "10-5"]

Example 4:

Input: *num* = "00", *target* = 0

Output: ["0+0", "0-0", "0*0"]

Example 5:

Input: *num* = "3456237490", *target* = 9191

Output: []