Given an equation, represented by words on the left side and the result on the right side.

You need to check if the equation is solvable under the following rules:

* Each character is decoded as one digit (0 - 9).
* No two characters can map to the same digit.
* Each words[i] and result are decoded as one number **without** leading zeros.
* Sum of numbers on the left side (words) will equal to the number on the right side (result).

Return true *if the equation is solvable, otherwise return* false.

**Example 1:**

Input: words = ["SEND","MORE"], result = "MONEY"  
Output: true  
Explanation: Map 'S'-> 9, 'E'->5, 'N'->6, 'D'->7, 'M'->1, 'O'->0, 'R'->8, 'Y'->'2'  
Such that: "SEND" + "MORE" = "MONEY" , 9567 + 1085 = 10652

**Example 2:**

Input: words = ["SIX","SEVEN","SEVEN"], result = "TWENTY"  
Output: true  
Explanation: Map 'S'-> 6, 'I'->5, 'X'->0, 'E'->8, 'V'->7, 'N'->2, 'T'->1, 'W'->'3', 'Y'->4  
Such that: "SIX" + "SEVEN" + "SEVEN" = "TWENTY" , 650 + 68782 + 68782 = 138214

**Example 3:**

Input: words = ["LEET","CODE"], result = "POINT"  
Output: false  
Explanation: There is no possible mapping to satisfy the equation, so we return false.  
Note that two different characters cannot map to the same digit.

**Constraints:**

* 2 <= words.length <= 5
* 1 <= words[i].length, result.length <= 7
* words[i], result contain only uppercase English letters.
* The number of different characters used in the expression is at most 10.