

### 5713. Number of Different Integers in a String

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You are given a string `word` that consists of digits and lowercase English letters.

You will replace every non-digit character with a space. For example, "a123bc34d8ef34" will become " 123 34 8 34" . Notice that you are left with some integers that are separated by at least one space: "123", "34", "8", and "34" .

Return the number of **different** integers after performing the replacement operations on `word`.

Two integers are considered different if their decimal representations **without any leading zeros** are different.

**Example 1:**

**Input:** word = "a123bc34d8ef34"

**Output:** 3

**Explanation:** The three different integers are "123", "34", and "8". Notice that "34" is only counted once.

### Example 2:

**Input:** word = "leet1234code234"

**Output:** 2

### Example 3:

**Input:** word = "a1b01c001"

**Output: 1**

**Explanation:** The three integers "1", "01", and "001" all represent the same integer because the leading zeros are ignored when comparing their decimal values.

**Constraints:**

- `1 <= word.length <= 1000`
- `word` consists of digits and lowercase English letters.

Java

```
1 class Solution {
2     public int numDifferentIntegers(String word) {
3
4     }
5 }
```