

3136. Valid Word

Description

A word is considered **valid** if:

- It contains a **minimum** of 3 characters.
- It contains only digits (0-9), and English letters (uppercase and lowercase).
- It includes **at least** one **vowel**.
- It includes **at least** one **consonant**.

You are given a string `word`.

Return `true` if `word` is valid, otherwise, return `false`.

Notes:

- `'a'`, `'e'`, `'i'`, `'o'`, `'u'`, and their uppercases are **vowels**.
- A **consonant** is an English letter that is not a vowel.

Example 1:

Input: `word = "234Adas"`

Output: `true`

Explanation:

This word satisfies the conditions.

Example 2:

Input: `word = "b3"`

Output: `false`

Explanation:

The length of this word is fewer than 3, and does not have a vowel.

Example 3:

Input: `word = "a3$e"`

Output: `false`

Explanation:

This word contains a `'$'` character and does not have a consonant.

Constraints:

- `1 <= word.length <= 20`
- `word` consists of English uppercase and lowercase letters, digits, `'@'`, `'#'`, and `'$'`.

