2269. Find the K-Beauty of a Number

Description

The **k-beauty** of an integer `num` is defined as the number of **substrings** of `num` when it is read as a string that meet the following conditions:

- It has a length of `k`.
- It is a divisor of `num`.

Given integers `num` and `k`, return *the k-beauty of* `num`.

Note:

- **Leading zeros** are allowed.
- `0` is not a divisor of any value.

A **substring** is a contiguous sequence of characters in a string.

Example 1:

```
Input: num = 240, k = 2
Output: 2
Explanation: The following are the substrings of num of length k:
- "24" from " 24 0": 24 is a divisor of 240.
- "40" from "2 40 ": 40 is a divisor of 240.
Therefore, the k-beauty is 2.
```

Example 2:

```
Input: num = 430043, k = 2
Output: 2
Explanation: The following are the substrings of num of length k:
- "43" from " 43 0043": 43 is a divisor of 430043.
- "30" from "4 30 043": 30 is not a divisor of 430043.
- "00" from "43 00 43": 0 is not a divisor of 430043.
- "04" from "430 04 3": 4 is not a divisor of 430043.
- "43" from "4300 43 ": 43 is a divisor of 430043.
Therefore, the k-beauty is 2.
```

Constraints:

- $1 \le num \le 10^9$
- $1 \le k \le num.length$ (taking `num` as a string)