PROBLEM: Given a number less than 10^{50} and length n, find the sum of all the n-digit numbers (starting on the left) that are formed such that, after the first n-digit number is formed all others are formed by deleting the leading digit and taking the next n-digits.

For example, given 1325678905 2, the 2-digit numbers formed are 13, 32, 25, 56, 67, 78, 89, 90, and 05. The sum is 455.

INPUT: There will 5 lines of input. Each will contain a positive integer less than 10^{50} and a positive integer n.

OUTPUT: For each line of input, print the sum of the n-digit numbers formed.

SAMPLE INPUT
```
1325678905 2
54981230845791 5
4837261529387456 3
385018427388713440 4
62338777016538873465 2209 11
```

SAMPLE OUTPUT:
1. 455
2. 489210
3. 7668
4. 75610
5. 736111971668

TEST DATA

TEST INPUT:
```
834127903876541 3
2424424442442420 1
12345678909876543210123456789 12
349216 6
112358132455900081487340005429 2
```

PROBLEM（问题）:给定一个小于10^{50}的数字和长度n。找出该数字中所有形成的 n位数(从左边开始)：先从首位开始形成第一个 n位数，然后通过删除前导位数并获取下一个 n位数来形成所有其他 n位数。最后输出形成的所有 n位数之和。

例如，给定 1325678905 2，形成的 2位数数字是 13、32、25、56、67、78、89、90 和 05。形成的所有 2位数之和是 455。

INPUT（输入）：将有 5 行输入。每行都包含一个小于10^{50}的正整数和一个正整数n。

OUTPUT（输出）:对于每一行输入，输出形成的 n位数数字的总和。

SAMPLE INPUT（示例输入）

```
1325678905   2
54981230845791   5
4837261529387456   3
385018427388713440   4
62338777016538873 4652209   11
```

SAMPLE OUTPUT（示例输出）：

```
1. 455
2. 489210
3.7668
4.75610
5.736111971668
```

TEST DATA

TEST INPUT:

```
834127903876541 3
2424424442442420 1
1234567890987654 3210123456789 12
349216 6
11235813245590081487340005429 2
```