5. Multiple

Program Name: Multiple.java   **Input File: multiple.dat**

For a given positive integer `a`, you are to find the smallest multiple of `a` that does not contain any digits in a given set of digits.

Input
The first line of input will contain a single integer `n` that indicates the number of lines to follow. Each the following `n` lines will contain a positive integer `j` followed by a space and a string `s` of numeric characters (digits 0 through 9).

Output
For each integer `j`, print the smallest multiple of `j` that does not contain any of the digits in `s`.

Note: You may assume there will always be a multiple of `j` that fits the criteria listed.

Example Input File
```
3
22 017
15 3425
12 20465
```

Example Output to Screen
```
44
60
888
```