



# Seed Of Number

Problem Code: **CSGGV1**



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## Problem description.

A student was late to the class so as a punishment was given to him by his teacher. The Punishment was that the teacher told him to find the seed of the given number. He said that if multiplying **X** by its digits equates to **Y** then **X** is said to be the seed of number **Y**

## Input

- The first line of the input contains an integer **T** denoting the number of test cases. The description of **T** test cases follows.
- The first line of the input contains an integer of which the seed is required

## Output

Output is **Y** which is seed of number **X**

## Constraints

- $1 \leq T \leq 1000$
- $1 \leq X \leq 10^3$

## Example

**Input:**  
2  
123  
555  
  
**Output:**  
738  
69375

## Explanation

**Example case 1.** For number **123** the seed = **123\*1\*2\*3**.

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Date Added: 5-01-2018

Time Limit: 1 secs

Source Limit: 50000 Bytes

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