## Urdhva - Tiryag Bhyam

Given two large digit numbers find there product.

## Input

1st line contain number of test cases T. Each of which followed by two numbers N1 and N2 (these are strings).
$1<=T<=10^{\wedge} 5,1<=|\mathrm{N} 1|<=1000 \& 1<=|\mathrm{N} 2|<=1000$

## Output

or each test case print product of these two numbers in separate line with no leading zero values.

## Example

Input:

2
69
92

Output:
54
18

