

Max-Min conversion

Given a no N you can perform an operation in it in which you can change a digit 5 to 6 and vice versa. Now your task is to print the sum of the max no and the min no obtained by performing such operations.

Input:

The first line of input contains an integer T denoting the no of test cases. Then T test case follow . Each test case contains a number N.

Output:

For each test case in a new line print the required sum.

Constraints:

$$1 \leq T \leq 100$$

$$1 \leq N \leq 10000$$

Example:

Input:

2

35

5

Output:

71

11

Explanation:

For first test case

The max no which can be formed is 36 and the min no which can be formed is 35 itself

$$\text{sum : } 36 + 35 = 71$$

For second test case

$$\text{sum : } 5 + 6 = 11$$