

EVEN COUNT

Problem Statement:

Let $f(x)$ be the product of digits of a number.

Given L and R , find the number of values of 'i' such that $L \leq i \leq R$ and $f(i)$ is [even](#).

Input:

The first line consists of an integer t , the number of test cases. For each test case, you are given the two integers L and R .

Output:

For each test case, print the number of values of 'i' such that $L \leq i \leq R$ and $f(i)$ is even.

Input Constraints:

$$1 \leq t \leq 100$$

$$1 \leq L \leq R \leq 1000000000$$

Sample Input:

2

2 12

4 23

Sample Output:

6

12