ZEROES IN RANGE

You are given two integers a and b. Find the number of zeroes in the digits of all the numbers in the range [a,b] inclusive.

Input:

The first line consists of an integer t, the number of test cases. For each test case you will be given two integers a and b (a<=b).

Output:

For each test case print the required answer.

Input Constraints:

1<=t<=1000

1<=a<=b<=10000000

Sample Input:

2

1 10

1 100

Sample Output:

1

11