## 1140 - How Many Zeroes?

Jimmy writes down the decimal representations of all natural numbers between and including m and n,  $(m \le n)$ . How many zeroes will be write down?

## **Input**

Input starts with an integer  $T \leq 11000$ , denoting the number of test cases.

Each case contains two unsigned 32-bit integers **m** and **n**, ( $m \le n$ ).

## **Output**

For each case, print the case number and the number of zeroes written down by Jimmy.

Sample Input	Output for Sample Input
5	Case 1: 1
10 11	Case 2: 22
100 200	Case 3: 92
0 500	Case 4: 987654304
1234567890 2345678901	Case 5: 3825876150
0 4294967295	