**Cool numbers**

Today Oz is busy with cool numbers. Cool numbers are positive integers whose decimal representation contains only the cool digits **2** and **5**. For example, numbers 25, 522, 2 are cool and 7, 15, 265 are not.  
Let **f(k)** be the smallest cool number **greater than or equals k**. Oz is interested what is the value of the following expression for a given pair **(l,r)** :  


**Input** :  
The first line of input contains an integer **T** - number of test cases. Each test case consist of two integers **l** and **r**.

**Output** :  
For each test case output required answer.

**Constraint** :   
1 ≤ T ≤ 50  
1 ≤ l ≤ r ≤ 109

**Sample Input**

1

3 7

**Sample Output**

59

**Explanation**

In the first sample:  
f(3)+f(4)+f(5)+f(6)+f(7)=5+5+5+22+22=59